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Topic 1, First Up Consultants Overview

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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To start the case study

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Background

First Up Consultants provides Commercial Cleaning services to its clients. The company purchases all its cleaning supplies from Best For You Organics Company.

First Up Consultants is using a cloud-based Dynamics 365 Finance instance. The system has a foundation table named CashDisc that contains one cash discount record for each cash discount type.

Best for You Organics Company invoices First Up Consultants and allows cash discounts based on how fast an invoice is paid. First Up Consultants is entitled to a two percent discount from Best for You Organics for any invoice that is paid within 10 days and has a minimum invoice amount of \$2,500.

Business requirements

All new and extended objects must be located in an existing model named FinanceExt. The creation of new models is not permitted.

Best For You Organics Company requires that First Up Consultants apply specific minimum invoice amounts to each cash discount record. A cash discount may only be applied when the minimum invoice amount requirement has been met. The new field must be added to the CashDisc form grid with the allowable visible number of characters set to 10.

First Up Consultants must retrieve the required Cash Discount methods and corresponding minimum invoice amounts directly from Best For You Organics Company's enterprise resource planning (ERP) system.

The Chief Financial Officer (CFO) requires the following reports:

A report that shows all outstanding invoices, their cash discount types including the new minimum threshold applicable, and the amount of the discount. The report must only be accessed by users who are members of the Accounts Payable Manager role.

You must create a Microsoft Excel workbook that lists unpaid invoices to Best For You Organics Company that have a due date earlier than 5/1/2019 and an Invoice Amount between \$20,000 and \$100,000.

Cash discounts for unpaid invoices must be updated with the new minimum invoice amounts.

Technical requirements

Vendor Invoices Past Due form

You must be able to filter the grid on the Vendor Invoices Past Due form. By default, you must filter the form based on the Due Date, Invoice Amount, and Vendor columns. Users must be able to apply reusable user-specific filters to a page using multiple fields.

CashDisc form

You must extend the CashDisc form to add a new field named MinimumInvoiceAmount to the form.

You must add a new Extended Data Type to the extension model for the new field. The new field must be added above the discount method field. The field must display 10 characters.

The accounts payable manager and the accounts payable clerk have Delete access to the form. You must alter permissions to limit accounts payable clerks to have only View access to the form.

Cash Discount Records report

You must create a report that shows a list of CashDisc records. You must include the MinimumInvoiceAmount field and filtered data by using the CashDisc.DiscMethod field. Applicable security objects must be created in the existing "FinanceExt" model and configured so the report is accessible by those users mapped to the accounts payable role.

Batch jobs

You must create a batch job that runs on the last day of each month to update the current unpaid invoices with changes in the minimum invoice amount. The job must meet the following requirements:

- Accept the following parameters: Vendor, DueDate.
- Be callable by an Action menu item.
- Allow users to specify vendors to include in the job.

You must create a batch job to identify modified CashDisk MinimumInvoiceAmount values and apply these to open Purchase Lines.

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Question: 1

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HOTSPOT

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You need to configure security for the CashDisc form.

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What changes should you make? To answer, select the appropriate options in the answer area.

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NOTE: Each correct selection is worth one point.

Account

Action

Accounts Payable Manager

	▼
Duplicate the role and modify the existing privilege entry point access. Create a new duty and privilege and add both to the role. Run the security tool and validate access for the role.	

Accounts Payable Clerk

	▼
Create a new role for the AP clerk and restrict delete access for the CashDisc form. Create a new duty and add the existing privilege and add duty to the role.	

Answer:

Account

Action

Accounts Payable Manager

	▼
Duplicate the role and modify the existing privilege entry point access. Create a new duty and privilege and add both to the role. Run the security tool and validate access for the role.	

Accounts Payable Clerk

	▼
Create a new role for the AP clerk and restrict delete access for the CashDisc form. Create a new duty and add the existing privilege and add duty to the role.	

Question: 2

You have an enumeration named truckStatus that has the following statuses:

Empty

Loaded

Completed

You have the following code:

```
switch (
    .Truckstatus)
(
    case I rutkStutu ::Empty:
        InfoCT);
```

```
break;
case ifuckS* ■ >::Loaded:
Info("?");
break;
case 7ru:kS' f us::Completed:
Info("3");
break;
```

You need to add the following statuses to the enumeration: Quarantine, InTransit

What should you do?

- A. Add a new case statement in the model of the existing code,
- B. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.
- C. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the integer value of the enumeration.
- D. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using a range comparison for your new values.

Answer: B

Explanation:

Question: 3

You need to update the CashDisc report to meet the requirements.

What should you do?

- A. Customize the existing CashDisc report in the overlaying model and add the new field to the design.
- B. Extend the existing CashDisc report in the extension model and add the new field to the design.
- C. Duplicate the existing CashDisc report in the extension model and add the new field to the design.
- D. Delete the existing CashDisc report in the extension model and create a new report.

Answer: B

Explanation:

Question: 4

You need to configure models for the project.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Overlay the existing FinanceExt model and populate the solution definition.
- B. Modify the DefaultModelForNewProject setting in the DefaultConfig.xml file and name the model FinanceExt.
- C. Create a new model that extends the existing FinanceExt model.
- D. Extend the existing FinanceExt model and populate the project model definition.

Answer: A, D

Explanation:

<https://www.google.com/amp/s/robocode.onl/d365-set-default-model-for-new-projects/amp/>

Question: 5

HOTSPOT

You need to modify the CashDisc form to meet the requirements.

Which objects should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Action

Create the following object on the CashDisc table:

	▼
duplicate	
extension	
inheritance	
overlayering	

Add a

	▼
relation	
field	
display method	
field group	

to the table and then add the object to an existing

	▼
index	
field group	
map	
relation	

Restore the

	▼
design	
data source	
form parts	
form methods	

of the CashDisc form.

Answer:

Explanation:

Action

Create the following object on the CashDisc table:

	▼
duplicate	
extension	
inheritance	
overlayering	

Add a

	▼
relation	
field	
display method	
field group	

to the table and then add the object to an existing

	▼
index	
field group	
map	
relation	

Restore the

	▼
design	
data source	
form parts	
form methods	

of the CashDisc form.

Scenario: CashDisc form

You must extend the CashDisc form to add a new field named MinimumInvoiceAmount to the form.

You must add a new Extended Data Type to the extension model for the new field. The new field must be added above the discount method field. The field must display 10 characters.

Box 1: extension

To add a new field to an existing table, you must first create a table extension.

Box 2: field

Box 3: field group

Box 4: data source

Often, the information that is stored in existing tables doesn't satisfy customer requirements.

Therefore, additional tables must be created, and data from those tables must be shown on pages.

You can add new data sources to existing forms through extension. Follow these steps.

In the extension model, create a form extension for the selected form.

Right-click the form extension, and then select New Data Source.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/add-datasource>

Question: 6

You need to configure filtering for the Vendor Past Due Invoices form.

Which two filtering types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. QuickFilter
- B. Advanced Filter
- C. Grid Column Filtering
- D. Filter pane

Answer: A, C

Explanation:

Question: 7

You need to modify the environment to meet User1's requirements.

What should you do?

- A. Create an extension of CashDisc in a new project and add the field to the extended table.
- B. Create a new table named CashDiscExtension in the project.
- C. Use Open Designer to add the field to the table.
- D. Create an overlay of CashDisc in a new project and add the field.

Answer: A

Explanation:

Scenario: A sales manager suspects a data-related issue in the vendor exclusion list. User1 must identify the user who created the referenced exclusion records.

Question: 8

DRAG DROP

You need to create the outstanding invoice report for the CFO.

Attributes

Which attributes should you use? To answer, drag the appropriate attributes to the requirements. Each attribute answer may be used once, more than once, or not at all. You may need to drag the split between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

SRSReportParameterAttribute
SysOperationDisplayOrderAttribute

DataContractAttribute
Box 2: DataMemberAttribute

DataMemberAttribute – This attribute is applied to a parm (parameter) method on an X++ data contract class and specifies that the data member should be serialized.

Box 3:

SRSReportParameterAttribute

You set the
SRSReportParameterAttribute
attribute to the data contract you

DataMemberAttribute
created for the RDP class.

Answer Area

Requirement	Attribute
Identify the class that provides parameters for the report.	<input type="text"/>
Enable contract parameters in the report dialog.	<input type="text"/>
Indicate the contract name in the data provider class.	<input type="text"/>

Answer:

Explanation:

Requirement	Attribute
Identify the class that provides parameters for the report.	DataContractAttribute
Enable contract parameters in the report dialog.	DataMemberAttribute
Indicate the contract name in the data provider class.	SRSReportParameterAttribute

Scenario: The Chief Financial Officer (CFO) requires the following reports:

A report that shows all outstanding invoices, their cash discount types including the new minimum threshold applicable, and the amount of the discount. The report must only be accessed by users who are members of the Accounts Payable Manager role.

Box 1: DataContractAttribute

DataContractAttribute – This attribute is applied to an X++ class and specifies that the class can be used as a data contract (that it should be serialized).

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-report>

Topic 2, World Wide Importers

Overview

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Background

Wide World Importers sell office supplies, furniture, and fittings to their customers across the United States. The company has the following locations:

- a retail store in Seattle
- a warehouse in Seattle
- a customer support and call center in Atlanta
- a team of field workers that provide furniture installation services at customer sites

Wide World Importers plans to implement Dynamics 365 Finance and Microsoft Azure cloud platform features.

Current environment

Requirements

Customers may place orders by email, phone, or by using the company's website. The company authorizes and processes credit card transactions by using a web-based application. Customer, inventory, supplier, and other master and transactional data is stored in a legacy database.

The company collects feedback from customers by phone or a form on the company's website and maintains the data in a Microsoft Excel workbook.

Wide World Importers runs on-premises applications to manage payroll and workers compensation. The company has a set of Microsoft Power BI dashboards that present data from a reporting database.

The company creates a Lifecycle Services (LCS) implementation project and completes Dynamics 365 Finance onboarding.

The company maintains production, quality assurance (QA), development, user acceptance testing (UAT), and build environments.

General

- You must configure a cloud-based Dynamics 365 Finance development environment and enable code extensions that support updates.
- You must configure version control and a Build environment.
- You must migrate all legacy data to the new system.
- You must implement best practices for X++ coding, the data model, caching, and security.
- All new code must be unit tested in a development environment and then validated by the QA team before code is added to source control.

Business processes

- You must configure vendor trade agreements.
- Products must be shipped directly from suppliers to customers depending on customer location to save indirect costs.
- You must collect customer feedback on products shipped directly from vendors.
- You must deploy code to a UAT environment for testing before deploying code to production.
- You must validate all entries for the purchase order creation form.
- You must develop a web portal that allows customers to browse products, place orders, and check order status. Product data for the web portal must be integrated as periodic batches.

Business systems

- You must install and configure a third-party solution for credit card processing within Dynamics 365 Finance. The third-party company will provide a deployable package.
 - The workers compensation application must be able to call an API to update worker compensation details in Dynamics 365 Finance.
- You must develop a process to import payroll journals into the system.
- You must configure the warehouse mobile device portal for warehouse operations.
- You must install a third-party solution to support web portal integration. The solution is supplied as a source code model file.

Vendor exclusion list

You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination. The solution must meet the following requirements:

- Isolate all new vendor exclusion codes as a new assembly by creating a table named Vend Exclusions.
- Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.
- Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account Item ID, and Vendor account fields.
- Implement the Excel integration for the Vendor Exclusion List form.
- Provide functionality to periodically export the Vendor exclusion list to prepare reports by using standard reporting capabilities of Dynamics 365 Unified Operations.
- Develop necessary security permissions to view and maintain the new Vendor exclusion list functionality and reporting. Users with maintain rights will be able create, update, and delete the exclusion list. Permissions must be assigned to security roles to match company security model.
 - Maintain referential integrity with other tables.
- Users must be presented with a warning message before a direct delivery purchase order is created for a vendor in exclusion list.
 - Sales managers must be alerted when a new exclusion record is added to the system.

Security

- You must implement the record level audit feature to identify the users who created the record.

- Grant specific users rights to maintain the vendor exclusion list by using Excel.
- You must implement validation to check whether a proposed direct delivery purchase order vendor is on the exclusion list for the customer and product combination.

Issues

User1 is not able to access many features in the system. You must provide User1 administrator rights.

A sales manager suspects a data-related issue in the vendor exclusion list. User1 must identify the user who created the referenced exclusion records.

Developed joins the company and does not have access to a development environment or source control.

User2 reports performance issues when they generate direct delivery purchase orders after current updates are applied.

User2 reports that they cannot access new functionality and reports.

Question: 9

You need to meet the requirements for the purchase order creation form.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Create a class and add a form data source event handler method to the class.
- B. In Application Explorer, create a table extension and implement validation.
- C. Implement Chain of Command (CoC) and method wrapping by creating a form extension class.
- D. In Application Explorer, create a form extension and implement validation.

Answer: A, C

Explanation:

Scenario:

Users must be presented with a warning message before a direct delivery purchase order is created for a vendor in exclusion list.

You must implement validation to check whether a proposed direct delivery purchase order vendor is on the exclusion list for the customer and product combination.

Question: 10

You need to implement the migration requirements.

Which two options can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. a data entity and a Data management import job
- B. a data entity and Entity store
- C. a data entity and bring your own database (BYOD)
- D. a public data entity and the Excel add-in

Answer: BD

Explanation:

Scenario: Implement the Excel integration for the Vendor Exclusion List form.

8: By opening entity data in Excel, you can quickly and easily view and edit the data by using the Excel add-in.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/office-integration/use-excel-add-in>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/power-bi-integration>

Question: 11

HOTSPOT

You need to create the new table for the vendor exclusion list.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

What should you create?

	▼
a table extension for Vendors and a relation for Vendor exclusions	
a relation between the Vendor exclusions table and the Vendors table	
a table extension for Vendors and add a Delete Action for Vendor exclusions	

For which property on the relationship node should you set a value?

	▼
Delete Action	
Validate	
OnDelete	
Relationship Type	

Answer:

Explanation:

What should you create?

	▼
a table extension for Vendors and a relation for Vendor exclusions	
a relation between the Vendor exclusions table and the Vendors table	
a table extension for Vendors and add a Delete Action for Vendor exclusions	

For which property on the relationship node should you set a value?

	▼
Delete Action	
Validate	
OnDelete	
Relationship Type	

Scenario: You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination.

The solution must meet the following requirements:

Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.

Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.

Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account, Item ID, and Vendor account fields.

Maintain referential integrity with other tables.

Box 1: a table extension for Vendors and relation for the Vendor exclusions

Box 2: Relationship Type

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/develop-composite-data-entities>

Question: 12

You need to apply a form pattern to the Vendor exclusion list. Which pattern should you use?

- A. List Page
- B. Simple List
- C. List View
- D. Workspace

Answer: A

Explanation:

A list page presents a set of data on a user interface that is optimized so that you can browse records, find the right record, and then take an action upon that record. The list page lets the user search, filter, and sort the data. FactBoxes on the right side of the grid show related data for the active record. Actions that are relevant to the record are located on the ActionPane at the top of the page.

Scenario: You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination.

The solution must meet the following requirements:

Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.

Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.

Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account, Item ID, and Vendor account fields.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/list-page-form-pattern>

Question: 13

HOTSPOT

You need to implement the reporting requirements for the Vendor exclusion list.

Which options you should use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement	Option
Implement reporting.	<input type="checkbox"/> Power Platform SQL Server Reporting Services Financial Reporting
Automatically set the query range based on session context.	<input type="checkbox"/> Controller class ReportDataProvider class UIBuilder class

Answer:

Explanation:

SQL Server Reporting Services

Controller class

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/create-nextgen-reporting-solutions>

Question: 14

DRAG DROP

You need to deploy the web portal integration solution.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

Add the package to source control and check in changes.

Build and create a deployment package.

Import the model into a Development environment.

Synchronize the models in the Developer environment by using **Get latest** feature.

Import the model into the Build environment.

Import the model into a QA environment.

Import the deployment package in another development environment.

Answer:

Explanation:

Add the package to source control and check in changes.

Import the model into a Development environment.

Synchronize the models in the Developer environment by using **Get latest** feature.

Build and create a deployment package.

Scenario: You must install and configure a third-party solution for credit card processing within Dynamics 365 Finance. The third-party company will provide a deployable package.

You must develop a web portal that allows customers to browse products, place orders, and check order status. Product data for the web portal must be integrated as periodic batches.

You must configure the warehouse mobile device portal for warehouse operations.

You must install a third-party solution to support web portal integration. The solution is supplied as a source code model file.

Step 1: Add the package to source control and check in the changes.

Deployable packages from third parties can be manually installed on a development VM, and the installed artifacts can then be added to source control.

Step 2: Import the model into a Development environment.

Install a model in a development environment

Step 3: Synchronize the models in the Developer environment by using Get latest feature

Because the models and runtime packages are in source control, other developers who use other development environments can just synchronize the models and packages to their workspace by using the Get latest feature of source control.

Step 4: Build and create a deployment package

The build process will include this runtime package in the final deployable package. This allows customers to take the deployable package from the build and have one package to deploy to their environments. The one package includes both custom solutions and all the third party solutions.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/manage-runtime->

packages

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/manage-runtime-packages#deploying-third-party-code>

Question: 15

DRAG DROP

You need to develop, test, and deploy the Vendor Exclusion list solution.

What should you create? To answer, drag the appropriate objects to the correct actions. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

Objects to create

- existing model
- new model
- deployable package
- package
- model file
- project

Action

- Create a new deployable unit.
- Object to add.
- Create, manage, and group elements.
- Distribute the solution to customers.

Object to create

-
-
-
-

Answer:

Explanation:

Action

Object to create

Create a new deployable unit.

package

Object to add.

new model

Create, manage, and group elements.

project

Distribute the solution to customers.

deployable package

Box 1: package

An AOT package is a deployment and compilation unit of one or more models that can be applied to an environment. It includes model metadata, binaries, reports and other associated resources. One or more AOT packages can be packaged into a deployable package, which is the vehicle used for deployment of code (and customizations) on demo, sandbox, and production environments.

Box 2: New model

Model - You configure your model to refer to two other models. This enables your model to reference metadata and code elements that are in other packages.

Box 3: project

Project - You create a project and then associate your project to your new model. You add elements to your project, which are also added to your model. Specifically, you add an extended data type (EDT). You also add a table that you populate with fields and a method.

Box 4: deployable package

Reference:

Question: 16
HOTSPOT

You need to implement the integration for the Vendor Exclusion List form.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Element

Option

Element to add to project

	▼
Table extension	
Data Entity	
View	
Query	

Key type to create

	▼
Unique key	
Foreign key	

Action to perform

	▼
Build the project.	
Build and synchronize the database.	
Build the solution.	

Answer:

Explanation:

Element

Option

Element to add to project

	▼
Table extension	
Data Entity	
View	
Query	

Key type to create

	▼
Unique key	
Foreign key	

Action to perform

	▼
Build the project.	
Build and synchronize the database.	
Build the solution.	

Box 1: Table extension

Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.

Implement the Excel integration for the Vendor Exclusion List form.

The table extension object allows you to add additional fields or to change some properties on a table provided by the Dynamics 365 Business Central service. In this way, you can add data to the same table and treat it as a single table.

Box 2: Unique key

Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.

Box 3: Build and synchronize the database.

A project property lets you specify that the synchronize operation for the database should be performed every time that you build the project. This can be useful when you're making changes to

the table structure for an application. Each time that you build, you will know that the database is synchronized with the tables as they are defined in the project.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/devenv-table-ext-object>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/build-operations#synchronizing-the-database-at-each-build>

Question: 17

HOTSPOT

The system includes the following code: (Line numbers are included for reference only.)

```
01 public boolean checkVendor(CustAccount _custAccount, ItemId _itemId,
    VendAccount _vendAccount)
02 {
03     boolean ret;
04     CustAccount custAccount;
05     ItemId itemId;
06     VendExclusion vendExclusion;
07     select vendExclusion
08         index hint PrimaryIdx
09         where vendExclusion.CustAccount == _custAccount
           && vendExclusion.ItemId = _itemId
           && vendExclusion.VendAccount = _vendAccount;
10     if (vendExclusion.Redd)
11     {
12         ret = false
13     }
14     return ret;
15 }
```

You need to apply changes to address User2's issues.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statement	Yes	No
Add the firstonly keyword to the query and choose a field list in the select statement.	<input type="radio"/>	<input type="radio"/>
Review and configure clustered index table properties.	<input type="radio"/>	<input type="radio"/>
Review and configure primary index table properties.	<input type="radio"/>	<input type="radio"/>
Add a column list that includes the Recld field to the query.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Yes, No, Yes, Yes.

<https://community.dynamics.com/ax/b/nevoitechax/posts/what-is-recid-in-microsoft-dynamics-ax-365fo>

Question: 18

DRAG DROP

You need to implement the company's integration requirements.

Which integration strategies should you use? To answer, drag the appropriate integration strategies to the correct requirements. Each integration strategy may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

Integration strategies	Requirement	Integration strategy
synchronous	Export the vendor list for Power BI reporting.	
asynchronous	Implement web portal products integration.	
	Update worker compensation details.	
	Import payroll journals.	

Answer:

Explanation:

Requirement

Integration strategy

Export the vendor list for Power BI reporting.

asynchronous

Implement web portal products integration.

synchronous

Update worker compensation details.

synchronous

Import payroll journals.

asynchronous

Box 1: asynchronous

An asynchronous pattern is a non-blocking pattern, where the caller submits the request and then continues without waiting for a response.

Box 2: Synchronous

A synchronous pattern is a blocking request and response pattern, where the caller is blocked until the callee has finished running and gives a response.

Box 3: Synchronous

Box 4: asynchronous

Batch data is asynchronous.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview#synchronous-vs-asynchronous-integration-patterns>

Question: 19

You need to investigate the Vendor exclusion list issue.

What should you do?

- A. Navigate to the General tab, select Record Info, and then select Show all fields.
- B. Navigate to the Options tab, select Record Info, and then select Show all fields.
- C. Navigate to the Options tab and select Database log.
- D. Navigate to the Page options tab, select Record Info, and then select Show all fields.

Answer: B

Explanation:

Question: 20

You need to implement the payroll application data process.

Which two objects should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a data contract class that uses the DataContractAttribute attribute
- B. a service class that has a public method which accepts a single parameter for a contract
- C. a class that extends SysOperationServiceBase

D. an UIBuilder class that extends SysOperationAutomaticUIBuilder

Answer: AC

Explanation:

Scenario: You must develop a process to import payroll journals into the system.

A: Data Contract: Data contract class is the model class defining attributes needed for batch operations. These attributes are provided by the user, in a dialog. DataContractAttribute attribute is needed for the class and the properties methods requires DataMemberAttribute attribute.

C: Service: Service class extends from the SysOperationServiceBase class and contains the business logic for the batch operation. Developers often tend to add the business logic in controller classes, which violates the Single responsibility principle.

Incorrect Answers:

D: UI Builder: UI Builder class extends from SysOperationAutomaticUIBuilder class and is used for adding custom behavior to dialog / dialog fields dynamically constructed by the SysOperation framework.

Reference:

<http://daxingwitheshant.blogspot.com/2018/06/sysoperation-framework.html>

Question: 21

You need to configure security for the Vendor Exclusion List report.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Create a new privilege, add a reference to an output menu item, and then add the new privilege to a role.

B. Create a new security policy and add an output menu item. Add the new security policy to duty extension and then to a role extension.

C. Create a new privilege extension and add an output menu item. Add the privilege to a duty extension and then to a role extension.

D. Create a new privilege and assign it to an output menu item. Add the new privilege to a duty extension and then add the duty extension to a role.

Answer: AD

Explanation:

Scenario: Develop necessary security permissions to view and maintain the new Vendor exclusion list functionality and reporting. Users with maintain rights will be able create, update, and delete the exclusion list. Permissions must be assigned to security roles to match company security model.

The privileges are simply a way to grant permissions to an entry point, which can be services, to a duty, role, or even directly to a user. Typically, we only add entry points to a privilege, such as menu items.

- : You can extend a Security Role or a Security Duty to add new duties/privileges to these elements.

Reference:

<https://www.oreilly.com/library/view/extending-microsoft-dynamics/9781786467133/40a348f3-0f4c-4d47-a566-59f3a2e6afa0.xhtml>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/customization-overlayering-extensions#security-role-and-duty-extensions>

Topic 3, Munson's Pickles and Preserves Farm

Background

Munson's Pickles and Preserves Farm produces and sells jarred food goods. The organization has several production and warehouse locations across the United States. Each location runs both production and warehousing operations. The company has three locations: East Central, and West.

The company is upgrading its Dynamics AX 2009 system to Dynamics 565 Finance.

Current environment

Munson's Pickles and Preserves Farm plans to migrate customizations, data, and integration from its legacy system into Dynamics 365 finance and operations apps. The Dynamics 365 finance and operations environment includes:

- multiple cloud-hosted development environments using Microsoft Visual Studio 2017
- a Microsoft Azure DevOps project for source control
- two tier 2 environments for user acceptance testing and staging, as well as production

Munson's Pickles and Preserves Farm is currently in the planning and development phase of the upgrade process- The company's internal development team needs additional development resources to address issues. The company already created a project that is set up to use a custom model named GPExtensions.

Integrations

Munson's Pickles and Preserves Farm has a new integration for its freight processing information. The internal development team created the secure file transfer protocol (SFTP) site for the source information to be stored and the staging table to house the source information once the data is added to Dynamics 365 Finance, information from the source will be transferred once a day from the source system and integrated with the target system. More than 10,000 records will be transferred over the integration. The company created an aggregate entity for the integration to minimize the amount of transmitted data.

Munson's Pickles and Preserves Farm has added a new integration for freight processing where all item weights, dimensions, and other factors will be configured in the external portal while planning the loads. Once the load is planned, it will be integrated into Dynamics 365 finance and operations apps for the freight invoice processing to occur.

No duplicate invoices or posting are associated with the freight invoice charges. The integration of this information from the source system is intended only for report creation and compilation purposes.

Planned changes

Munson's Pickles and Preserves Farm wants to change inventory forms to fit its current needs. Any modifications or enhancements must follow the existing functionality for forms in Dynamics 365 Finance.

Requirements

Munson's Pickles and Preserves Farm wants to change inventory forms to fit its current needs. Any

modifications or enhancements must follow the existing functionality for forms in Dynamics 365 Finance.

Integrations

All data from integrations have the same format as an existing Dynamics 365 Finance apps field. All enhancements or customizations must use existing assets before creating new functionality.

Munson's Pickles and Preserves Farm wants to change its integration strategy to include real-time data from the freight processing source system. The inventory must update as it is sold from the system. That information will be updated in Dynamics 365 Finance.

The freight processing integration requires the use of an SFTP site to store XML files from the source system. The additional integration will use OData and must be transferred in real time.

A periodic batch job must

- Pull data from the SFTP site.
- Import the data to a staging table used to hold the information from the source system.
- Map source data to the target table in Dynamics 365 Finance.

The imported Load ID field must be added to the Sales Order header for all processed orders. Additional requirements for integrations, including other integration strategies, may be necessary as the company grows. Existing tables must be changed to include the Load ID. The database will need to be synched before adding the Load ID field.

Changes

Munson's Pickles and Preserves Farm must change the Inventory Status form to include more columns. It plans to create a table to enter the data for the Inventory Status form as a new data source. The company wants to add both the Product Name field and Batch ID field to this new table. The current form includes the item number, location, license plate, product inventory dimensions, and quantity.

The grid on the inventory Status form must include the product name by using the item number and legal entity. The user interface must be created to include the new columns and the data must be available to add to the grid. The form must have only an Action Pane, a Navigation List, a List Style Grid, a Details Header, and a Details Tab in the design and include the Load ID field.

Munson's Pickles and Preserves Farm is currently in the process of adding the other required fields: one for Product Name and one for Batch ID. The new fields must be related to extended data types for the original fields on the existing data source for the Inventory Status form. Munson's Pickles and Preserves Farm plans to add the EcoResProduct Name and Batch ID data to the extended table for WHSTmpStatusChange. The fields on the table extension must be populated with data and visible on the inventory Status form on insert.

Issues

- The Internal development team has created the SFTP site connections, the staging table, and the batch Jobs for the new integration for freight processing. The development team needs to map the source data to the target table and the

data management workspace. The development team notices errors with mapping target fields in the data management workspace. The team needs another developer to configure the table extensions, class extensions, and form extensions that are required for the planned changes.

- The internal development team has issues adding the required fields to the inventory Status standard form. The team needs another developer to configure the table extensions, class extensions, and form extensions that are required for the planned changes.

Question: 22

HOTSPOT

You need to create a chain of command method for inserting the data on the table for the new fields. How should you complete the code? To answer, select the appropriate configuration in the answer area.

- a. NOTE: Each correct selection is worth one point.

Answer Area

```
[ExtensionOf(TableStr(WHSTmpStatusChange))] [ExtensionOf(ClassStr(WHSTmpStatusChange))]
```

```
la - newWHS!ImpStatusChange_!table_Extension
```

```
final  
public
```

```
{  
    public void insert()  
    {
```

```
        EcoResProduct ecoResProduct;  
        EcoResProductTranslation ecoResProduct!;
```

```
        InventSum inventSum;  
        selectfirstonly InventBatchId from inventSum
```

```
        ..here inventSum.ItemId == this.ItemId && inventSum.LicensePlateId == this.LicensePlateId  
        && inventSum.InventBatchId != "" && inventSum.PhysicalInvent > 0;
```

```
        select firstonly Name from ecoResProduct!  
        ..here EcoResProduct!.LanguageId == Companyinfo::languageId()
```

```
        join EcoResProduct where EcoResProduct.Redd == EcoResProduct!.Product &&  
        EcoResProduct.displayproductnumber == 'his.ItemId;
```

```
        thi.newEcoResProductName = ecoResProduct!.Name;
```

```
    next insertQ;
```

```
next public void insertQ
```

```
InsertQ;
```

```
this.newInventBatchId = InventSum.InventBatchId;
```

```
this.newInventBatchId = InventSum.InventSiteId;
```

```
InventSum.InventBatchId = this.newInventBatchId; }
```

Answer Area

Answer:

```
[ExtensionOf(TableStr(WHSTmpStatusChange))]  
[ExtensionOf(ClassStr(WHSTmpStatusChange))]
```

```
class newWHSTmpStatusChange_Table_Extension  
{  
    final  
    public  
    {  
        public void insert()  
        {  
            EcoResProduct ecoResProduct;  
            EcoResProductTranslation ecoResProductT;  
            InventSum inventSum;  
            select firstlyonly InventBatchId from inventSum  
            where inventSum.ItemId == this.ItemId && inventSum.LicensePlateId == this.LicensePlateId  
            && inventSum.InventBatchId != "" && inventSum.PhysicalInvent > 0;  
  
            select firstlyonly Name from ecoResProductT  
            where EcoResProductT.LanguageId == CompanyInfo::languageId()  
            join EcoResProduct  
            where EcoResProduct.RecId == EcoResProductT.Product  
            && EcoResProduct.displayproductnumber == this.ItemId;  
            this.newEcoResProductName = ecoResProductT.Name;
```

```
next insert();  
next public void insert()  
Insert();
```

```
this.newInventBatchId = InventSum.InventBatchId;  
this.newInventBatchId = InventSum.InventSiteId;  
InventSum.InventBatchId = this.newInventBatchId;
```

```
}  
}
```

table

Question: 23

You need to set up the recurring data integration to pull data from the SFTP site into Dynamics 365 Finance. Which API architecture type should you use?

- A. REST
- B. SOAP
- C. RPC
- D. JSON

Answer: A

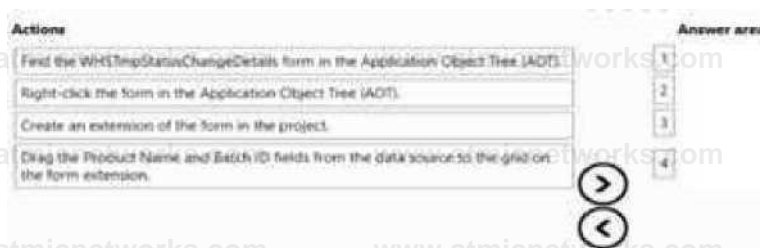
Explanation:

Question: 24

DRAG DROP

You need to add new fields to the standard form and organize the grid to meet the requirements.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation:

Actions

Answer area

12 | Right click the form in the Application Object Tree CAOT1 |
3 | Create an extension of the form in the project
) Drag the Product Name and Batch ID fields from the data source to the grid on the form extension



Question: 25

You need to select an integration strategy to meet the new freight processing requirement. Which two integration strategies can you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. custom web service
- B. batch data API EC.
- C. OData
- D. asynchronous integration

Answer: B, D

Explanation:

Question: 26

HOTSPOT

You need to design integrations for the freight processing source system

Which integration strategies should you implement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Element	Value
Integration type	<input type="checkbox"/> Asynchronous <input type="checkbox"/> Synchronous
Job type	<input type="checkbox"/> One time job <input type="checkbox"/> Recurring job
Process type	<input type="checkbox"/> Real time <input type="checkbox"/> Non-real time

These are the selections for the job type.

Answer:

Explanation:

1, 1, 2

Question: 27

You need to apply a pattern to the newly created form to satisfy the requirements. Which form pattern should you apply?

- A. Table of Contents
- B. Simple List and Details
- C. List Page
- D. Details Master

Answer: B

Explanation:

Question: 28

DRAG DROP

You need to map the target data fields in the Data management workspace for the custom data entity.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

<p><small>Actions</small></p> <p>A. Refresh the entity list from the Data management workspace.</p> <p>B. Validate data management from the Data management workspace.</p> <p>C. Publish the entity.</p> <p>D. Generate the correct target field mapping.</p> <p>E. In the Data entities list select Modify target mapping for the custom data entity, j in the Data entities list select Target fields for the custom data entity</p>	<p><small>Answer area</small></p>
--	-----------------------------------

Answer:

Explanation:

Answer area

1 In the Data entities list select Target fields for the custom data entity

2 Publish the entity.

J [Generate the correct target field mapping](#)

Question: 29

DRAG DROP

You need to create an extension of the table and perform a build and synchronize the newly extended table.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Open the WhsTmpStatu*Change table from the application explorer

Right-click the project and build the project

Right-click the project, select Properties, set the Synchronize Database on Build property to True, and then select OK

Right-click the WhsTmpStatu*Change table in the solution explorer and create an extension

Right-click WhsTmpStatu*Change in the Application Object Tree (AOT) to create the extension and add it to the project

Answer area

Answer:

Explanation:

Answer area

Right-click WhsTmpStatu*Change in the Application Object Tree (AOT) to create the extension and add it to the project

Right-click the project, select Properties, set the Synchronize Database on Build property to True and then select OK

Right-click the project and build the project.

Question: 30

A company uses Dynamics 365 Finance. You have two tables as shown:

Table name	Comments
EmpITable	This table stores employee information.
EmpIBankAccount	This custom table is used to store bank account information for employees. EmpIBankAccount has a foreign key relation to EmpITable.

When an employee is deleted from EmpITable, the corresponding bank account information must automatically be deleted from EmpIBankAccount.

You need to ensure that the requirement is met.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Select the foreign key relation properties from EmpIBankAccount.
- B. Set the value of the OnDelete property to Restricted.
- C. Set the value of the OnDelete property to Cascade.
- D. Select the foreign key relation properties from EmpITable.

Answer: A, C

Explanation:

Question: 31

DRAG DROP

You are working on the data structures for the company's implementation.

You need to ensure that the data from the source system is mapped into the new staging table and can be used for synchronous and asynchronous integrations.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer area

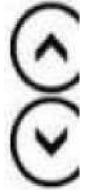
Enable Public API for each data source that is part of the new data entity

Create a new data entity.

Create an aggregate data entity

Enable the data entity for Public API and data management use

Add the WHSTmpStatusChange table as the data source of the new entity



Answer:

Explanation:

Actions

Answer area

Enable Public API for each data source that is part of the new data entity

Create a new data entity.



- 11
- 2
- 3

Create an aggregate data entity.

Enable the data entity for Public API and data management use.

Add the WHSTmpStatusChange table as the data source of the new entity



Question: 32

You need to add new fields to the table for the Inventory Status form to represent the product name and batch ID.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE Each correct selection is worth one point.

- A. Drag the EcoResProductName and inventBatchID extended data types (EDTs) from the Application Object Tree (AOT) to the table. Rename the fields appropriately,
- B. Right-click the newly created table and add two new base enumerations to the table. Rename the new enumerations Product Name and Batch ID respectively.
- C. Right-click the newly created table. Add two new string fields to the table. Rename one string field to Product Name and rename the other to Batch ID. Change the property of the fields to the appropriate EDTs.

D. Right-click the newly created table in the designer Add a string field named Product Name to the table.
Add an enumeration named Batch ID to the table.

Answer: A, D

Explanation:

Question: 33

You need to test and map the freight processing integration.

Which data management concept is used for the XML file to import the freight processing data?

- A. data package
- B. data job
- C. data entity
- D. data project

Answer: D

Explanation:

Question: 34

You need to add data to the WHSTmpStatusChange table by extending the insert method.

What should you do?

- A. Right-click the WHSTmpStatusChange table in the Application Object Tree (AOT) and select View Code
- B. Right-click the project node in Solution Explorer and add a new Class object to the project.

- C. Right-click the WHSTmpStatusChange table in the Application Object Tree (AOT) and create an extension in the existing project
- D. Right-click the project node in Solution Explorer and add a new Table object to the project.

Answer: C

Explanation:

Topic 4 A. Datum Corporation

Overview

A. Datum Corporation is a market leader in the design and distribution of Innovative aluminum systems. The company provides services to the architectural, residential, industrial, and home improvement markets in Australia.

The company has warehouses in Perth, Sydney, and Melbourne. A team of warehouse employees provides delivery to the customer sites.

A. Datum Corporation currently uses Microsoft Dynamics AX 2009.

Customers use email or phone calls to place orders. After the company provides a quote to customers, the customer must agree to the sale price before the company places a sales order.

The company is migrating to Dynamics 365 Finance and Dynamics 365 Supply Chain Management using a phased rollout strategy to its sites. The company has the Lifecycle services project to manage various environments and releases.

The company has the following Finance and Supply Chain Management environments:

- Development
- Quality assurance (QA)
- User acceptance testing (UAT)

- Production

The company uses Azure DevOps for a code repository. All developers use a development branch to check in code and a release branch to maintain the code for production releases.

- Configure a cloud-based development environment for Finance and Supply Chain Management.

Enable a code extension that supports updates.

- Configure Microsoft-supported version control and an Azure-hosted build pipeline.
- Migrate all document handling attachments for the customers to Finance and Supply Chain

Management from Dynamics AX 2009.

- Audit X++ code for a best practice check
- All new code must be unit tested in a development environment and then validated by the QA team

before the code is merged into the Release branch for further releases.

- All changes that are deployed to the UAT environment must be approved (or code release to production).

• The sales manager requires a solution that is extensible to ensure that new master tables document handling attachments are migrated to the new system.

- A base class named MigrateAttachment must be designed with methods that all child classes must implement

• A method named processAttachment must be created so that extenders are not able to subscribe to pre-events and post-events.

• On the All sales orders list page, two new fields must be added for the total sales order amount. One field uses goods and services tax (GST) and the other field does not use GST.

- A process named Populate check data must be designed based on the following:

o The process must run from the All customers list page and populate a custom table named CustCheckData with 1000 rows,

o The table must have two fields named CheckNumber and BankNumber.

o The process must return to the current session after the data is processed.

• The generated check data must be available for users to access in a tabular form without additional details and preview panes.

• The purchase manager requires a new data entity to send out the information for purchase order inquiries that are generated in Finance and Supply Chain Management.

- The sales manager must be able to access the total quotation for the sites and item types.
- The sales manager requires a quotation number to be printed on the sales invoice business document. Customers must be able to access the reference number on the invoice documents.
- The purchase manager requires a new approval workflow for approving purchase orders that are more than S 10.000.
- After a user named UserA posts a packing slip for a sales order, customers must be informed of the product delivery in real-time. This information is provided using business events.
- Purchase order incomes must be exported from the Finance and Supply Chain Management using data packages. Users must be able to query using OData but should not be able to update or create the data in the system.
- A sales manager's workspace must display the total quotations using key performance indicators.
- The purchase order approval workflow must be configured from the procurement and sourcing module.
- User A reports delays when opening the All sales orders list page.
- A customer is unable to access the business events for a packing slip that is posted by UserA.
- A user named UserB reports that The system is unresponsive when they run the Populate check data process for a customer.
- UserA reports that The print management settings in the accounts receivable module do not display the new layout when testing a new sales invoice report layout in the UAT environment.

Question: 35

DRAG DROP

You need to design the new data entity for the purchase order inquiries records.

Which values should you set on the data entity properties? To answer, move the appropriate values to the correct data entity properties. You may use each value once, more than once, or not at all- You may need to move the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point.

Values

Yes

No

Set property values on the data entity

Data entity property Value

Data Management Enabled

1\$ Public

Answer:

Values

Yes

No

Set property values on the data entity

Data entity property

Value

Data Management Enabled Yes is Public value

Question: 36

DRAG DROP

You must merge the code change that you performed and which was tested by QA to the production environment.

You need to merge a specific changeset.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Choose the all changes up to a specific version option.

Perform a merge from the Release source branch.

Merge the changes to the Dev target branch.

Perform a merge from the Dev source branch.

Choose the selectee changes option

Merge the changes to the Release target branch.

Steps to perform merge activity.

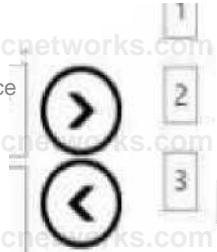


Answer:

Explanation:

Actions

- Choose the all changes up to a specific version option.
- Perform a merge from the Release source branch.
- Merge the changes to the Dev target branch.



Steps to perform merge activity.

- Perform a merge from the Dev source branch.
- Choose the selected changesets option.
- Merge the changes to the Release target branch.

Question: 37

DRAG DROP

You need to create the new approval workflow for purchase orders.

What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Workflow component and Display menu Item

Requirement

Module

Document menu item

Solution



Answer:

Explanation:

Workflow component and Display menu Item

Requirement

Module

Document menu item

Solution

Procurement and Sourcing

PurchTableListPage

Question: 38

You need to resolve the issue for UserB.

Which framework should you use?

- A. SysExtension
- B. SysOperationSandBox
- C. SysOperation
- D. RunBaseBatch

Answer: B

Explanation:

Question: 39

You need to ensure the customer is able to access the business event.

Which two endpoint types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Service Bus Topic
- B. Service Bus Queue
- C. Power Automate
- D. Event Grid

Answer: A, D

Explanation:

Topic 5, Misc Questions

Question: 40

You have an enumeration named `truckStatus` that has the following statuses:

- Empty
- Loaded
- Completed

You have the following code:

```
switch (truckTable.Truckstatus) {  
    case True kStatus : x Emptyx
```

```
        Info("1"); break;
```

```
    case TruekStatusx xLoaded.
```

```
        Info("2"); break;
```

```
    case TruckStatus:xCompleted:
```

```
        Info("3"); break;
```

```
}
```

You need to extend this (enumeration and add the following statuses to the enumeration: `Quarantine`, `InTransit`. You must then modify code that validates the switch statement.

Solution: Add a new case statement in the model of the existing code.

```
switch (truekTable.TruekStatus ) {
```

```
    case Truckstatus::Empty: Info("1");
```

```
        break;
```

```
    case Truckstatus::Loaded;
```

```
Info("2*");
```

```
break;
```

```
case TruckStatus*: Completed>
```

```
Info("3*");
```

```
break;
```

```
case Truckstatus:Quarantine
```

```
case Truckstatus::InTransit
```

```
Info("Extended");
```

```
break;
```

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 41

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions

will not appear in the review screen.

You have an enumeration named `truckStatus` that has the following statuses:

Empty

Loaded

Completed

You have the following code:

```
switch (truckTable.Truckstatus) {  
    case TruckStatus::Empty:  
        Info("1");  
        break;  
    case TruckStatus::Loaded:  
        Info("2");  
        break;  
    case TruckStatus::Completed:  
        Info("3");  
        break;  
}
```

You need to extend this enumeration and add the following statuses to the enumeration: `Quarantine`, `InTransit`. You must then modify code that validates the switch statement.

Solution: Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the integer value of the enumeration.

```
if ( truckTable.Truckstatus == 4 || truckTable.Truckstatus == S)  
    Info("Extended");  
}
```

Does the solution meet the goal?

A. Yes.

B. No

Answer: A

Explanation:

Question: 42

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an enumeration named `truckStatus` that has the following statuses:

Empty

Loaded

Completed

You have the following code:

```
switch (truckTable.Truckstatus) {  
    case TruckStatus::Empty:  
        Info('T');  
        break;
```

```
case Truckstatus::Loaded:
    Info("2");
    break;
case i u kStatus::Completed:
    Info("3");
    break;
```

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit. You must then modify code that validates the switch statement.

Solution: Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.

```
if ( truckTable.Truckstatus == Truckstatus::Quarantine || truckTable.Truckstatus = TruckStatus::InTransit) {
    Info("Extended");
}
```

Does the solution meet the goal?

A. Yes.

B. No

Answer: A

Explanation:

Question: 43

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not

appear in the review screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Simple List pattern.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/simple-list-form-pattern>

Question: 44

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review/ screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Operational Workspaces pattern.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/section-tabbed-list-subpattern>

Question: 45

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a Unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Details Master pattern.

Does the solution meet the goal?

A. Yes

C. No

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/section-tabbed-list-subpattern>

Question: 46

You are a Dynamics 365 Finance developer. You create a class.

You need to mark the class to ensure that when code is compiled, the process fails if a specific method is called in the source code.

Which attribute should you use?

- A. SysObsoleteAttribute
- B. getAttributes
- C. SysEntryPointAttribute
- D. SysAttribute

Answer: C

Explanation:

One use of the SysObsoleteAttribute class is to notify the compiler that the compile should fail if a particular method is called in the source code. The compiler rejects the compile, and displays the specific message that is stored in this use of the attribute.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-attribute-classes>

Question: 47

HOTSPOT

You are a Dynamics 365 Finance and Operations developer.

You have the following code: (Line numbers are included for reference only.)

```
01 public void tryMethod(int a, int b)
02 {
03 try
04 {
05     info("One");
06     int c << a/b;
07     info("Two");
08 }
09 catch
10 <
11     info("Three");
12     if (a - 2);
13     (
14         return;
15     )
16     else if (a = 3)
17     {
18         b = 3;
19         retry;
20     }
21 }
22 finally
23 {
24 info("Four");
25 }
26 info("Five");
27 )
```

You need to evaluate the code.

What is the correct output for the method? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Method

Output

tryMethod(5,2);

One, Two, Four, Five

One, Two, Five

One, Three, Four, Five

tryMethod(4,0);

One, Three, Four, Five

One, Four, Five

One, Two, Four, Five

tryMethod(2,0);

One, Three, Four

One, Three

One, Three, Four, Five

tryMethod(3,0);

One, Two, Four, Five

One, Three, One, Two, Four, Five

One, Three, Four, One, Two, Four, Five

Answer:

Explanation:

Method

Output

```
tryMethod(5 ^ 2)5
```

```
One, Two, Four, Five  
One, Two, Five  
One, Three, Four, Five
```

```
tryMethod(4,0);
```

```
One, Three, Four, Five  
One, Four, Five  
One, Two, Four, Five
```

```
tryMethod(2,0);
```

```
One, Three, Four  
One, Three  
One, Three, Four, Five
```

```
tryMethod(3,0);
```

```
One, Two, Four, Five  
One, Three, One, Two, Four, Five  
One, Three, Four, One, Two, Four, Five
```

Box 1: One, Two, Four, Fire

The statements in the finally clause are executed when control leaves the try block, either normally or through an exception.

Box 2: One, Three, Four, Five

Box 3: One, Three

Return ends the call.

Box 4: One, Three, One, Two, Four, Five
Retry restarts the try statement.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-exceptions>

Question: 48

DRAG DROP

You are a Dynamics 365 Finance developer for a company that sells pre-owned vehicles. When the company acquires a new vehicle, vehicle identification (VIN) numbers are added to the VIN field in the CustTable.

You need to create an event handler to validate that new VIN values are at least 10 characters long. Validation must occur when records are saved.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer Area

Actions

Copy the validatingWrite event handler on the CustTable table object.

Copy the validateWrite event handler on the CustTable object.

Add code to perform the validation.

Copy the onModified event handler on the CustTable object.

Add the event handler method to a class.

Three empty rectangular boxes with red borders, arranged vertically, intended for the user to drag and drop the selected actions into them in the correct sequence.

Answer:

Explanation:

Step 1: Copy the validatingWrite event handler on the CustTable object (it is either validatingWrite or validatedWrite, there is no such option as validateWrite).

Step 2: Add the event handler method to a class.

Step 3: Add code to perform the validation.

Question: 49

HOTSPOT

You are a Dynamics 365 Finance and Operations developer. You have the following code: (Line numbers are created for reference only.)

```
01 class TestQuestion
02 {
03 public static void main(Args _args)
04     {
05     TestQuestion testQuestion = new testQuestion();
06     testQuestion.run();
07     }
08 public void run()
09     {
10     tmpFrmVirtual tmpFrmVirtual;
11     str salesId;
12     int salesQty
13     tmpFrmVirtual.Id = "SID1234";
14     salesQty = 5;
15     this.updateValues(tmpFrmVirtual, salesQty);
16     info(tmpFrmVirtual.Id);
17     info(salesQty);
18     }
19     public void updateValues (TmpFrmVirtual _tmpFrmVirtual, str
20     _salesQty)
21     {
22     TmpFrmVirtual tmpFrmVirtual = _tmpFrmVirtual;
23     int salesQty = _salesQty;
24     tmpFrmVirtual.Id = "SID1234"-Updated";
25     salesQty = 10;
26 }
```

Which values does the info() method return? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Parameter

Value

tmpFrmVirtual.Id

	▼
SID1234	
SID1234-Updated	
SID1234 SID1234-Updated	

salesQty

	▼
5	
10	
15	

Answer:

Explanation:

Parameter

Value

tmpFrmVirtual.Id

	▼
SID1234	
SID1234-Updated	
SID1234 SID1234-Updated	

salesQty

	▼
5	
10	
15	

Box 1: SID1234

Parameters

All methods have their own scope. A method can take one or more parameters. Within the scope of the method, these parameters are treated as local variables and are initialized with a value from the parameter in the method call. All parameters are passed by value, which means that you can't change the value of the original variable. You can change only the local variable in the method. This local variable is a copy of the original variable.

Box 2: 5

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-classes-methods>

Question: 50

HOTSPOT

You have a Dynamics 365 Finance and Operations environment.

You have the following code: (Line numbers are included for reference only.)

```
01 class SalesPriceDiscount
02 {
03     ...
04     public void calculatePrice
05     {
06         ...
07     }
08     public static AmountCu: getDiscount (Pe::c markup)
09     {
10         ...
11     }
12 }
13 [ExtensionOf( (SalesPriceDiscount))]
14 final class SalesPriceDiscountMy_Extension
15 {
16     public void calculatePrice()
17     {
18         ...
19     next calculatePrice()
20     ...
21     }
22 }
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statement

Yes No

The calculatePrice() method in the extension class can access and manage public and protected methods and variables of the base class.

You can modify the calculatePrice() method in the extension class by adding conditional logic at line 20.

The static method getDiscount() in Line 10 of the base class can be wrapped and extended by adding business logic to the extension class.

The extension class can be instantiated by running the following code:

```
SalesPriceDiscountMy_Extension myInstance = new  
SalesPriceDiscountMy_Extension();
```

Answer:

Explanation:

Statement

Yes No

The calculatePrice() method in the extension class can access and manage public and protected methods and variables of the base class.

You can modify the calculatePrice() method in the extension class by adding conditional logic at line 20.

The static method getDiscount() in Line 10 of the base class can be wrapped and extended by adding business logic to the extension class.

The extension class can be instantiated by running the following code:

```
SalesPriceDiscountMy_Extension myInstance = new  
SalesPriceDiscountMy_Extension();
```

Box 1: Yes

Class extension - Method wrapping and Chain of Command.

The functionality for class extension, or class augmentation, has been improved. You can now wrap logic around methods that are defined in the base class that you're augmenting. You can extend the logic of public and protected methods without having to use event handlers. When you wrap a method, you can also access public and protected methods, and variables of the base class. In this way, you can start transactions and easily manage state variables that are associated with your class.

Box 2: Yes

In the following example, the wrapper around doSomething and the required use of the next keyword create a Chain of Command (CoC) for the method. CoC is a design pattern where a request is handled by a series of receivers. The pattern supports loose coupling of the sender and the receivers

```
[ExtensionOf(classStr(BusinessLogic1))]
```

```
final class BusinessLogic1_Extension
```

```
{
```

```
str doSomething(int arg)
```

```
{
```

```
    // Part 1
```

```
    var s = next doSomething(arg + 4);
```

```
    // Part 2
```

```
    return s;
```

```
}
```

```
}
```

Box 3: Yes

Instance and static methods can be wrapped by extension classes. If a static method is the target that will be wrapped, the method in the extension must be qualified by using the static keyword.

Box 4: No

Wrapper methods must always call next.

Note: Wrapper methods in an extension class must always call next, so that the next method in the chain and, finally, the original implementation are always called. This restriction helps guarantee that every method in the chain contributes to the result.

In the current implementation of this restriction, the call to next must be in the first-level statements in the method body.

Here are some important rules:

Calls to next can't be done conditionally inside an if statement.

Calls to next can't be done in while, do-while, or for loop statements.

A next statement can't be preceded by a return statement.

Because logical expressions are optimized, calls to next can't occur in logical expressions. At runtime, the execution of

the complete expression isn't guaranteed.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method- wrapping-coc>

Question: 51

You are a Dynamics 365 Finance developer.

You have a table named FMVehicle that contains a field named VehicleId. The table has a clustered index named VehicleIdIdx on the VehicleId field. You declare a table buffer named vehicle to refer to the table.

You need to select all records from the FMVehicle table in ascending order based on VehicleId field in the vehicle variable.

Which embedded-SQL statement should you use?

- A. `select vehicle index VehicleIdIdx;`
- B. `select vehicle order by VehicleId desc;`
- C. `select VehicleId from vehicle order by VehicleId asc;`
- D. `select vehicle order by VehicleIdIdx desc;`

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

Explanation:

Question: 52

HOTSPOT

You have the following code:

```
public void CompareValues ()  
{  
    Date myDate = str2date('01/08/1901',123);  
    boolean result1, result2, results;  
    result1 = (myDate + 1 = str2date('02/08/1901',123));  
    result2 = (int2str(real2int(myDate)) + 1 = str2date('02/08/1901', 123))
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statement	Yes	No
-----------	-----	----

The value of result1 =true

The value of result2 = true

Answer:

Explanation:

Statement

Yes

No

The value of result1 = true

The value of result2 = true

Box 1: Yes

Add 1 to a date adds one day.

Box 2: No

You cannot do a real2int conversion on a Date.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/types-of-fields>

Question: 53

You are a Dynamics 365 Supply Chain Management developer.

You are working on a project by using Visual Studio.

Several users check out a custom form version control and modify the form.

You need to find the user that has added a specific line of code to the form.

What should you do?

- A. Open the object in Object Designer, select the title of the object, and then right-click View History.
- B. In Solution Explorer, navigate to the object and right-click View History.
- C. Using Visual Studio, navigate to the object. Add the object to a new solution, and then right-click View History.
- D. Using Visual Studio, navigate to the object in Application Explorer and right-click View History.

Answer: D

Explanation:

In Visual Studio, Go to source control explorer > Select the object > right click > View history

Reference:

<https://dynamicsuser.net/ax/f/developers/93354/how-to-rollback-a-change-set-completely-automatically-in-tfs>

Question: 54

A company has an extension that makes changes to a base form.

You need to identify all extension changes made to the base form.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Right-click the base form and select view references
- B. In search bar on the form extension element, enter the text e:
- C. In the search bar on the base form, enter the text e:.
- D. In the search bar on the form extension element, enter the text c:
- E. In the search bar on the base form, enter the text c:.

Answer: AB

Explanation:

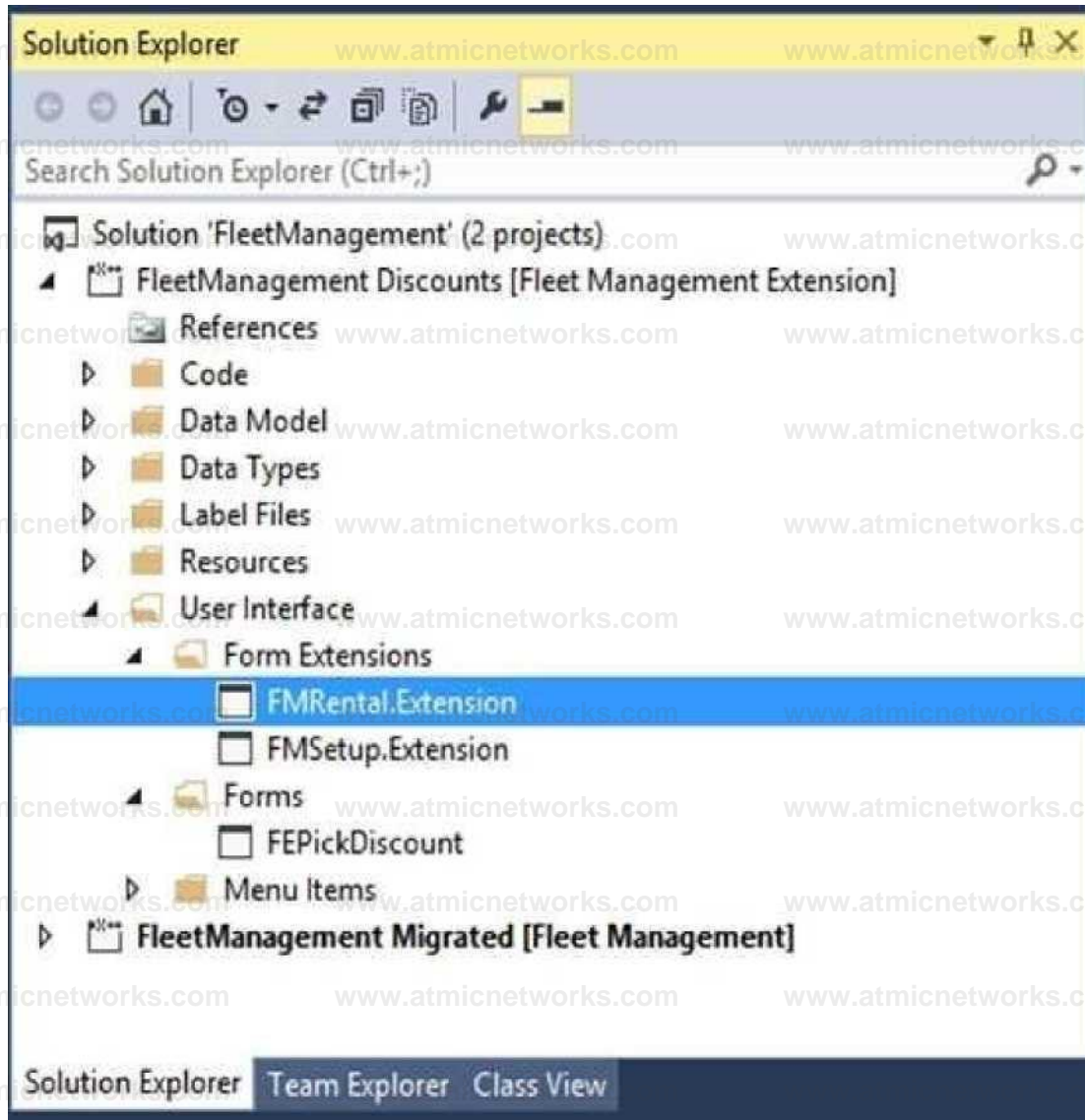
A: Customization and Extension

View references

Create a diagram that shows the other elements that reference the selected element.

B: Example: Navigate to FMRental.Extension in the Tree Designer

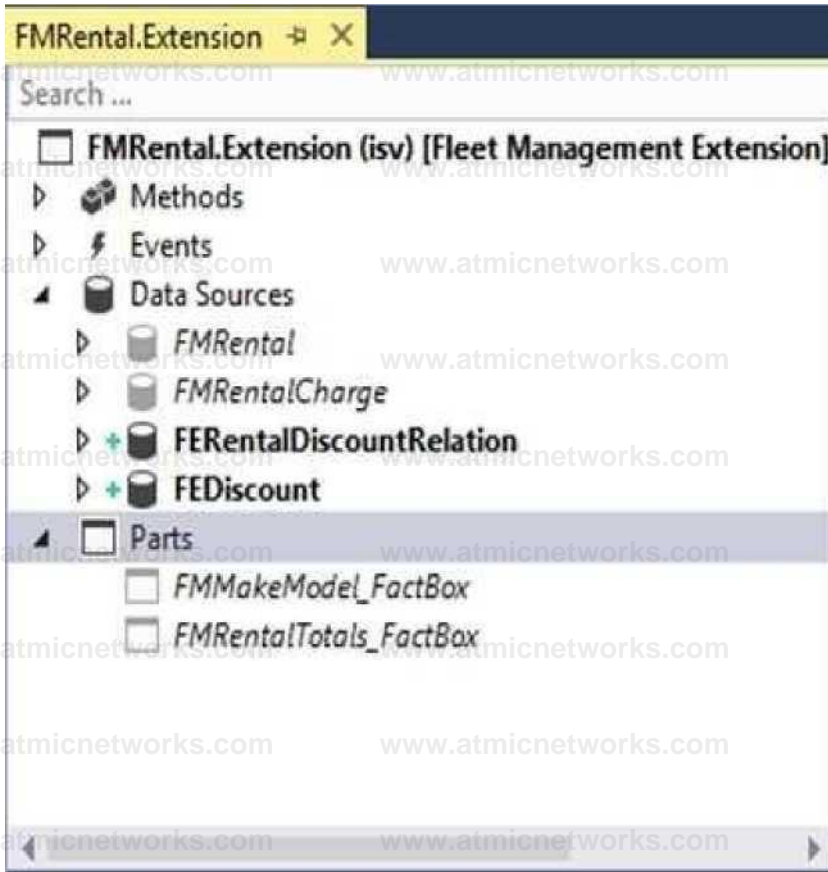
1. In the Visual Studio, in Solution Explorer, in the FleetManagement Discounts project, expand User Interface > Form Extensions.



2.

The FMRental.Extension element is an extension element that extends the functionality of the FMRental form by adding two new data sources and a new tab control.

3. In Solution Explorer, double-click FMRental.Extension to open the designer.



4. In the designer's search box, type 'e:' as shown in the image below. This filters the current designer to only show nodes that belong to the current extension.



Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/customize-model-elements-extensions>

Question: 55

You are a Dynamics 365 Finance developer. You have a virtual machine that includes Visual Studio. You need to display the elements by model. What should you do?

- A. Select Metadata Search from the Dynamics 365 menu.
- B. Select Model Management from the menu and then select View all package dependencies
- C. Right-click the Application Object Tree (AOT) node in Application Explorer and select Model View.
- D. Select Model Management from the menu and then select Refresh Models.

Answer: C

Explanation:

In Microsoft Visual Studio, on the Dynamics 365 menu, click Model Management > Refresh Models.

Open Application Explorer by clicking View > Application Explorer.

Right-click the AOT root node, and then click Model view.

A list of installed models is displayed.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/manage-runtime-packages>

Question: 56

You are a Dynamics 365 Finance developer. You are testing a workflow in a user acceptance testing environment. You need to ensure that a specific user can accept purchase requisitions only if the requisition is in a specific status. Which two options can you configure to achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. conditional decision
- B. approval process
- C. manual task
- D. manual decision
- E. automated task

Answer: AB

Explanation:

Reference:

<https://docs.microsoft.com/en-sg/dynamics365/fin-ops-core/fin-ops/organization-administration/configure-conditional-decision-workflow>

Question: 57

You are using the SysTest framework to test code in Visual Studio.

You need to create a unit test class.

Which three attributes can you use to create the class? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Test Property
- B. EntryPoint
- C. Owner
- D. Priority
- E. TestFilter

Answer: A, C, D

Explanation:

The SysTest framework now supports the major test attributes in the adaptor to be on par with the MSTest framework adaptor. This includes attributes like Category, Owner, Priority, and Test Property.

Note:

The Priority attribute `SystemTestPriority`, which requires an integer value, is now available. A priority can only be specified once, but is supported on both the class and method level, with method level taking precedence over class level.

The Owner attribute, `SystemTestOwner`, has also been added. This attribute was technically already supported for filtering in the Test Toolbox window, but the attribute itself was missing in X++. Similar to Priority, an owner can only be specified once and is supported on both the class and method level, with the method level taking precedence.

`SystemTestProperty` specifies a property and a value (two strings), and can now be used in the Test Toolbox window in Visual Studio. Test Property can be specified multiple times, and can exist on both the class and method level.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/systest-filtering>

Question: 58

DRAG DROP

A company has a Dynamics 365 Finance and Operations environment. You need to implement indices for new tables.

Which types of indexes should you use? To answer, drag the appropriate types of indexes to the correct requirements. Each type of index may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

Index types	Requirement	Index type
Primary	Provide a unique key for each record in a table.	
Clustered	Organize the data for a table according to the physical order of the specified column.	
Non-Clustered	Quickly reference data that is found by using a specified set of columns.	

Explanation:

Requirement

Provide a unique key for each record in a table.

Organize the data for a table according to the physical order of the specified column.

Quickly reference data that is found by using a specified set of columns.

Answer:

Index type

Primary

Clustered

Non-Clustered

Box 1: Primary

Box 2: Clustered

A clustered index is a special type of index that reorders the way records in the table are physically stored.

Box 3: Non-clustered

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/indexes/clustered-and-nonclustered-indexes-described>

Question: 59

You are a Dynamics 365 Finance developer. You have a solution that records product weights. You must store up to four decimals of precision by using a standard Extended Data Type (EDT). You need to add the field in a new table.

Which EDT should you extend?

- A. Weight
- B. MarkupValue
- C. WeightBase
- D. AmountMST

Answer: C

Explanation:

Weight data can be maintained with a maximum of two decimals by default. If you require the ability to enter, maintain, and view weight data with a maximum precision of six decimals, you must extend the decimal point precision for the WeightBase extended data type.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/decimal-point-precision>

Question: 60

You are working with extended data types in Visual Studio.

You need to create an extension of an Extended Data Types (EDT) that is derived from base data types. Which three properties can be modified? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Label
- B. String size
- C. Alignment
- D. IsExtensible
- E. Form help

Answer: ABE

Explanation:

String size can be defined only on root EDTs. The system will use the largest value that is defined across the EDT and its extensions.

Labels and Help text properties can be changed by an extension, but only one value can remain.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/extensible-edts>

Question: 61

You are a Dynamics 365 Finance developer. You need to create an extension class. Which action should you perform?

- A. Add the class buffer as the first parameter.
- B. Mark the class as final.

- C. Mark the class as public.
- D. Mark the class as protected.

Answer: B

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

Question: 62

You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.

You need to modify the table properties by extending the table.

Which table property can you populate in a table extension by using the property sheet?

- A. Created by
- B. Table group
- C. Configuration key
- D. Clustered index

Answer: A

Explanation:

You can now modify the following properties through the property sheet:

Created By

Created Date Time

Modified By

Modified Date Time

Country Region Codes

Reference:

<https://docs.microsoft.com/sv-se/dynamics365/fin-ops-core/dev-itpro/extensibility/modify-properties>

Question: 63

HOTSPOT

You have the following class definition:

```
class UnitConv
{
    public static real PoundsToKilograms(real _pounds)
    {
        return _pounds * 0.45359237;
    }
    public static real FahrenheitCelsius(real _fahrenheit)
    {
        return (_fahrenheit - 32) * 5/9;
    }
}
```

You need to create an extension class and create a new static method in it that converts miles to kilometers and then call the method from another class.

How should you complete the code and call the method? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Extension class definition:

[`ExtensionOf(classStr (UnitConv))`]

```
final class CustUnitConv_Extension
final class UnitConv_MyExtension
static class UnitConvMy_Extension
class UnitClass_Extension
```

```
{
    public static CaseMileage MiToKm(CaseMileage _miles)
    {
        return _miles * 1.609344;
    }
}
```

Call the method:

```
var km = UnitConv::MiToKm(62.1371);
CaseMileage km = UnitConv_MyExtension::MiToKm(62.1371);
UnitConvMy_Extension cUC = new UnitConv(); int km = cUC.MiToKm(62.1371);
UnitConv_Extension uCE = new UnitConv(); real km = uCE.MiToKm(62.1371);
```

Answer:

Explanation:

Box 1: final class CustUnitConv_Extension

Box 2: var km = UnitConv::miToKm(62.1371);

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method- wrapping-coc>

Question: 64

You are creating a new form in Visual Studio.

You need to apply the Simple List pattern and apply the pattern to a form.

What are the two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Use the Application Object Tree (AOT).
- B. Use the designer.
- C. Use form statistics.
- D. Use metadata properties.

Answer: B, C

Explanation:

Question: 65

DRAG DROP

A company plans to deploy Dynamics 365 Unified Operations.

You need to recommend deployment options for the company.

What should you recommend? To answer, drag the appropriate deployment options to the correct application requirement. Each deployment option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Deployment types

cloud only

on-premises only

cloud or on-premises

Answer Area

Requirement

Deployment type

Export data to your own data warehouse.

Configure SharePoint integration.

Implement Lifecycle services.

Implement Task Recorder.

Answer:

Explanation:

Requirement

Export data to your own data warehouse.

Configure SharePoint integration.

Implement Lifecycle services.

Implement Task Recorder.

Deployment type

cloud or on-premises

cloud only

cloud or on-premises

cloud only

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/fin-ops/get-started/cloud-prem-comparison>

Question: 66

You are a Dynamics 365 Finance developer.

You have a form that displays customer records by using a listpage control. You must add related sales total information for the selected customer to the form.

You need to display the required related sales total information.

What should you add to the form?

- A. a quick filter
- B. a factbox
- C. an external feed
- D. a tile
- E. a custom lookup

Answer: B

Explanation:

A list page presents a set of data on a user interface that is optimized so that you can browse records, find the right record, and then take an action upon that record. The list page lets the user search, filter, and sort the data. FactBoxes on the right side of the grid show related data for the active record.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/list-page-form-pattern>

Question: 67

You are developing a customization for Dynamics 365 Finance.

The customization must extend objects from the Application Foundation package.

You need to create and configure a new model for the customization.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a new model that builds into its own separate assembly.
- B. Reference the Application Foundation package when creating the extension model.
- C. Create a new model that is part of an existing package.
- D. Assign the model to the USR layer.
- E. Create an extension class that references the Application Foundation.

Answer: A, E

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/class-extensions>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/model-split>

Question: 68

You need to prepare to deploy a software deployable package to a test environment. What are two possible ways to achieve the goal?

Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. In Visual Studio, create a Dynamics 365 deployment package and upload the package to the as
- B. In Azure DevOps, queue a build from the corresponding branch and upload the model to the asset

library.

C. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.

D. In Visual Studio, export the project and upload the project to the asset library.

Answer: B

Explanation:

Reference:

<https://marketplace.visualstudio.com/items?itemName=Dyn365FinOps.dynamics365-finops-tools>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/deployment/create-apply-deployable-package>

Question: 69

DRAG DROP

You are configuring your developer environment by using Team Explorer.

There are several developers working on a customization.

You need to ensure that all code is checked in and then merged to the appropriate branches. In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders

you select.

Answer Area

Actions

Map the Microsoft Azure DevOps project to your local developer machine.

Create a test branch.

Create a dev branch.

Connect to the Microsoft Azure DevOps project.

Create a main branch.

Answer:

Explanation:

Connect to the Microsoft Azure DevOps project.

Create a main branch.

Create a dev branch.

Map the Microsoft Azure DevOps project to your local developer machine.

Create a test branch.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/tfvc/branching-strategies-with-tfvc?view=azure-devops>

Question: 70

HOTSPOT

You have a Dynamics 365 Finance and Operations development environment.

You must add default filters to the fleet management form. You must view only sales that occur in the current sales period and where the Customer name field contains the next Wholesales.

You need to configure filtering.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Element Value

SysQuery method

	▼
addRangesFromKeyData	
range	
packRangeAndSortOrder	
mergeFilters	

SysQueryRangeUtil

	▼
lessThanDate	
currentDate	
dateRange	
monthRange	

Filter clause

	▼
contains *Wholesales	
contains _Wholesales	
contains Wholesales*	
contains *Wholesales*	

Answer:

Explanation:

Element

Value

SysQuery method

	▼
addRangesFromKeyData	
range	
packRangeAndSortOrder	
mergeFilters	

SysQueryRangeUtil

	▼
lessThanDate	
currentDate	
dateRange	
monthRange	

Filter clause

	▼
contains *Wholesales	
contains _Wholesales	
contains Wholesales*	
contains *Wholesales*	

Question: 71

HOTSPOT

You are a Dynamics 365 Finance and Operations developer.

Users are experiencing slower load times for the All Customers form.

You need to update caching for CustTable to improve data retrieval times.

How should you configure CacheLookup properties? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Property

Value

Answer:

Set-based caching

	▼
Entire table	
None	
Found	
FoundandEmpty	

Single-record caching

	▼
Found	
Entire table	
None	
Surrogate Key	

Explanation:

Property

Value

Set-based caching

	▼
Entire table	
None	
Found	
FoundandEmpty	

Single-record caching

	▼
Found	
Entire table	
None	
SurrogateKey	

Box 1: Entire table

In Microsoft Dynamics AX, groups of records can be cached all at once with set-based caching. Set-based caching can be implemented in two ways:

At design time, by setting the table's CacheLookup property to EntireTable.

In code, by using the RecordViewCache class.

Box 2: Found

Record caching is enabled for a table when all the following statements are true:

The CacheLookup property on the table is enabled by setting it to one of the following values:

NotInTTS, Found, FoundAndEmpty.

The record buffer disableCache method has not been called with a parameter of true.

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/set-based-caching>

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/single-record-caching>

Question: 72

Contoso. Ltd. uses Dynamics 365 Finance. You receive reports of performance issues with the app.

You need to use Performance Timer to investigate the issues. Which URL should you use?

A. <https://contoso.cloudax.dynamics.com/?cmp=USMF&debug=perftimer>

B. <https://contoso.cloudax.dynamics.com/?cmp=USMF&debug=develop&mi=VendTableListPage>

C. <https://contoso.cloudax.dynamics.com/?cmp=USMF&mi=performancetimer>

D. <https://contoso.cloudax.dynamics.com/?cmp=USMF=debug=developer>

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/performance-timer>

Question: 73

HOTSPOT

You are a Dynamics 365 Finance and Operations developer.

You need to monitor system performance.

Which tools should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Requirement

Tool

Review overall health of the system, as well as currently running processes and historical data.

	▼
LCS Environment Monitoring tool	
Fiddler	
Trace Parser	
SQL Profiler	

Review the load time and latency of different forms.

	▼
LCS Environment Monitoring tool	
Fiddler	
Trace Parser	
SQL Profiler	

Review a single process and see the code and SQL statements that are being run.

	▼
LCS Environment Monitoring tool	
Fiddler	
Trace Parser	
SQL Profiler	

Answer:

Explanation:

Requirement

Tool

Review overall health of the system, as well as currently running processes and historical data.

	▼
LCS Environment Monitoring tool	
Fiddler	
Trace Parser	
SQL Profiler	

Review the load time and latency of different forms.

	▼
LCS Environment Monitoring tool	
Fiddler	
Trace Parser	
SQL Profiler	

Review a single process and see the code and SQL statements that are being run.

	▼
LCS Environment Monitoring tool	
Fiddler	
Trace Parser	
SQL Profiler	

Box 1: LCS Environment Monitoring tool

Microsoft Dynamics Lifecycle Services (LCS) provides to help you monitor, diagnose, and analyze the health of the Finance and Operations environments that you manage.

Box 2: Trace Parser

You can use the Trace parser to consume traces and analyze performance in your deployment.

Box 3: SQL Profiler

Incorrect Answers:

Fiddler:

Fiddler can help in different ways with Dynamics 365 troubleshooting, including determine what errors are

being reported, and by speeding up the JavaScript development process.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/monitoring-diagnostics>

Question: 74

DRAG DROP

A company uses Dynamics 365 Unified Operations.

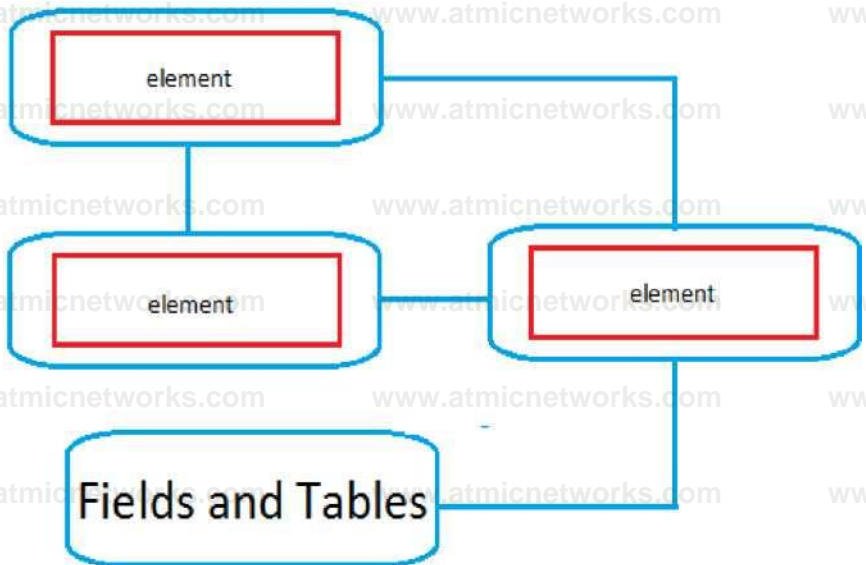
You need to implement role-based security for a set of fields in a table.

How should you arrange the security elements? To answer, drag the appropriate security elements to the correct locations. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

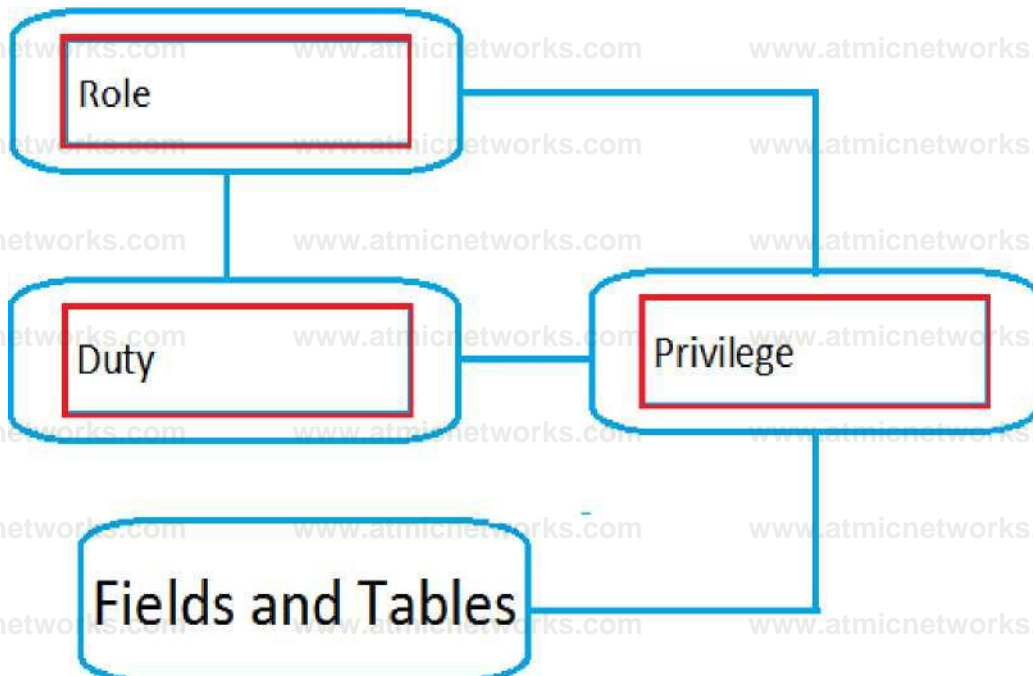
Answer Area

Elements

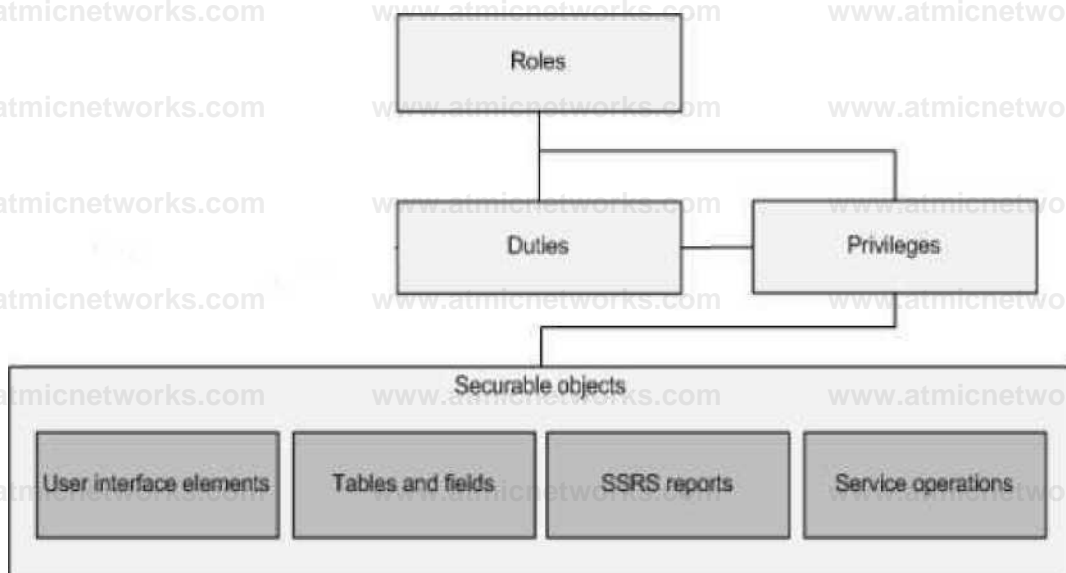


Answer:

Explanation:



The following illustration shows the elements of role-based security and their relationships.



Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/sysadmin/role-based-security>

Question: 75

DRAG DROP

You are a Dynamics 365 Finance and Operations developer.

You need to use the Extensible Data Security (SDS) framework to restrict to the data in the Sales table form based on the customer group and the role of the user.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer Area

Actions

Create a security policy that links to the query and primary table.

Create a query to define filters.

Define the context for the rule.

Define the list of constrained tables.

Assign the newly created role to the user.

Create new user role and add required privileges.

Answer:

Explanation:

Create new user role and add required privileges.

Assign the newly created role to the user.

Define the list of constrained tables.

Define the context for the rule.

Step 1: Create a new user role and add required privileges.

Individual security permissions are combined into privileges, and privileges are combined into duties. The administrator grants security roles access to the program by assigning duties and

privileges to those roles.

Step 2: Assign the newly created role to the user.

Step 3: Define the list of constrained tables.

Add the constrained tables and views.

Step 4: Define the context of the rule.

Set the context.

Set the ContextType property to one of the following:

ContextString – Set the property to this value if a global context is to be used to determine whether the policy should be applied. When required, this context string needs to be set by the application using the XDS::SetContext API.

RoleName – Set the property to this value if the policy should be applied only if a user in a specific role accesses the constrained tables.

RoleProperty – Set the property to this value if the policy is to be applied only if the user is a member of any one of a set of roles that have the ContextString property set to the same value.

Properties	
SecurityPolicy \$LD_VendPurch	
[3 ?* £ *! F* A	
<input type="checkbox"/> Data	
Is Obsolete	No
Name	S10 VendPurch
Tags	
<input type="checkbox"/> General	
Constrained Table	Yes
Context Type	RoleName
Enabled	Yes
Help Text	
Label	
Operation	Select
Primary Table	VendGroup SID VendPurch
Role Name	RetailStoreIT
Use Not Exist Join	No

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/sysadmin/security-architecture>

<https://community.dynamics.com/365/b/exploringdynamics365/posts/extensible-data-security-in-d365>

Question: 76

You are Dynamics 365 Finance developer.

You need to explain the performance advantages of the different concurrency models.

What are three performance advantages of optimistic concurrency control over pessimistic

concurrency control? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. One record cannot be selected for update by two different processes at the same time.
- B. Records are locked as soon as they are retrieved from the database.
- C. Records are locked for a shorter length of time.
- D. Fewer resources are used to lock records during updates.
- E. Records remain available for other processes while they are selected from the database.

Answer: CDE

Explanation:

Optimistic Concurrency only locks records from the time when the actual update is performed.

Following are the advantages of using OCC:

Records remain available for other processes to update if they have been selected from the database but haven't yet been updated.

Records are locked for a shorter length of time.

Fewer resources are used to hold the locks during the update process.

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/optimistic-concurrency-control>

Question: 77

DRAG DROP

You are a Dynamics 365 Finance and Operations developer.

You have a report in an existing model that connects with the following objects:

in-memory table

data provider class

controller class

contract class

The report is locked for modifications.

You need to create an extension of the in-memory table in a model and you add the new field to the extension.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer Area

Actions

Create a duplicate from the report in the model and add the new field on the report design.

Create an extension of the existing report controller class in the model. Update the class logic to point to the new report.

Create a duplicate from the existing data provider class in the model. Update the class to fill the value of the newly added field.

Create a duplicate from the existing report controller class in the model. Update the class logic to point to the new report.

Create an extension of the existing data provider class in the model. Update the class to fill the value of the newly added field.

Three empty rectangular boxes for the answer area, outlined in red.

Answer:

Explanation:

Create a duplicate from the report in the model and add the new field on the report design.

Create an extension of the existing data provider class in the model. Update the class to fill the value of the newly added field.

Create an extension of the existing report controller class in the model. Update the class logic to point to the new report.

Question: 78

You are a Dynamics 365 Finance developer.

You need to deploy a new report in a developer environment.

From which two locations can you deploy the report? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Application Explorer
- B. Package deployment
- C. Solution Explorer
- D. Build Model option
- E. Build project

Answer: BC

Explanation:

Question: 79

HOTSPOT

You are creating a Dynamics 365 Finance and Operations report. You cannot query the data for the report directly.

You must include parameters to specify data for the report.

You need to create the report.

What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Which type of class should you create to pass parameters to the report?

- Data contract class
- Report data provider class
- Report controller class
- Report UI builder class

Which type of class should you create to access and process the data for the report?

- Data contract class
- Report data provider class
- Report controller class
- Report UI builder class

Which attribute should you use to identify the class that defines report variables?

- DataContractAttribute
- DataMemberAttribute
- SysOperationContractProcessingAttribute
- SysOperationGroupAttribute

Which attribute should you use to identify parm methods to send data for the report?

- DataContractAttribute
- DataMemberAttribute
- SysOperationContractProcessingAttribute
- SysOperationGroupAttribute

Which attribute should you use to define the contract class for a provider class?

- SRSReportQueryAttribute
- SRSReportParameterAttribute
- SRSReportDataProviderBase

Explanation:

Answer:

Which type of class should you create to pass parameters to the report?

	▼
Data contract class	
Report data provider class	
Report controller class	
Report UI builder class	

Which type of class should you create to access and process the data for the report?

	▼
Data contract class	
Report data provider class	
Report controller class	
Report UI builder class	

Which attribute should you use to identify the class that defines report variables?

	▼
DataContractAttribute	
DataMemberAttribute	
SysOperationContractProcessingAttribute	
SysOperationGroupAttribute	

Which attribute should you use to identify parm methods to send data for the report?

	▼
DataContractAttribute	
DataMemberAttribute	
SysOperationContractProcessingAttribute	
SysOperationGroupAttribute	

Which attribute should you use to define the contract class for a provider class?

	▼
SRSReportQueryAttribute	
SRSReportParameterAttribute	
SRSReportDataProviderBase	

Box 1: Data contract class

A data contract class defines the parameters for a report that is bound to a report data provider (RDP) class. You can specify one or more groups of report parameters, the order of the groups, and the order in which the report parameters appear in a print dialog box.

Box 2: Report data provider class

Report data provider class – processes business logic based on parameters and a query, and then returns the tables as a dataset for the report.

Box 3: DataContractAttribute

DataContractAttribute – This attribute is applied to an X++ class and specifies that the class can be

used as a data contract (that it should be serialized).

Box 4: DataMemberAttribute

DataMemberAttribute – This attribute is applied to a parm (parameter) method on an X++ data contract class and specifies that the data member should be serialized.

Box 5: SRSReportParameterAttribute

You set the SRSReportParameterAttribute attribute to the data contract you created for the RDP class.

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-report>

Question: 80

DRAG DROP

You are a Dynamics 365 Finance and Operations developer.

The sales department manager must to be able to view total customers by region and total sales by regions.

You need to build key performance indicators (KPIs) and display them on a tile in the application.

How should you model the KPI? To answer, drag the appropriate objects to the correct KPI components. Each object may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

Objects

Aggregate dimension

Aggregate data entity

Aggregate measurements

KPI component

Total sales

Customers

Region

Object

Answer:

Explanation:

Agg M - Agg Dim - Agg Dim

Question: 81

You are Dynamics 365 Finance developer.

You need to initialize an embedded Microsoft Power BI report.

Which code segment should you add to the form initialization method?

- A. `addReportControl(formGroupControl)`
- B. `initializeReportControlInternal(powerBIConfiguration, reportparameters, reportControl, showError)`
- C. `InitializeReportControl(workspaceName, Formgroup)`
- D. `deployorUpdateReport(powerBIConfiguration, reportName, resourceName)`

Answer: B

Explanation:

PBIReportHelper.initializeReportControl method is used to embed a Power BI report (.pbix resource) in a

form group control.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/add-analytics-tab-workspaces?toc=%2Ffin-and-ops%2Ftoc.json>

Question: 82

You are a Dynamics 365 Finance developer. You create a key performance indicator (KPI) in a development environment. You need to display the KPI. What should you do?

- A. Add the KPI to an existing form.
- B. Create a tile and add the KPI to the tile.
- C. Create a new workspace and add the KPI to the workspace.

Answer: C

Explanation:

KPIs and aggregate data that are shown on the dashboard, or a workspace, can be secured by using menu items.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/model-aggregate-data>

Question: 83

You are training a new Dynamics 365 Finance developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations.

For which scenario should you recommend asynchronous integration?

- A. When products are updated in Finance and Operations, a third-party application that contains the same product information needs to also be updated in near real-time.
- B. A company uses an on-premises inventory management system that needs to receive sales order data every hour throughout the day.
- C. A company uses workflow for purchasing approvals, which then sends just-in-time approval information to a third-party application for approvers to review.
- D. A manufacturer wants to move production data from an on-premises deployment Dynamics 365 Finance in near real-time.

Answer: B

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview>

Question: 84

DRAG DROP

A company uses Dynamics 365 Unified Operations.

Client companies require weekly updates for services performed. You create data entity by using the Data

Entity wizard.

You need to expose a list of services to external business companies.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer Area

Actions

Map the data entity to the data view.

Configure properties for the data entity.

Synchronize the database.

Build the solution.

Three empty red-bordered boxes for the answer area.

Explanation:

Synchronize the database.

Build the solution.

Configure properties for the data entity.

Answer:

Step 1: Synchronize the database

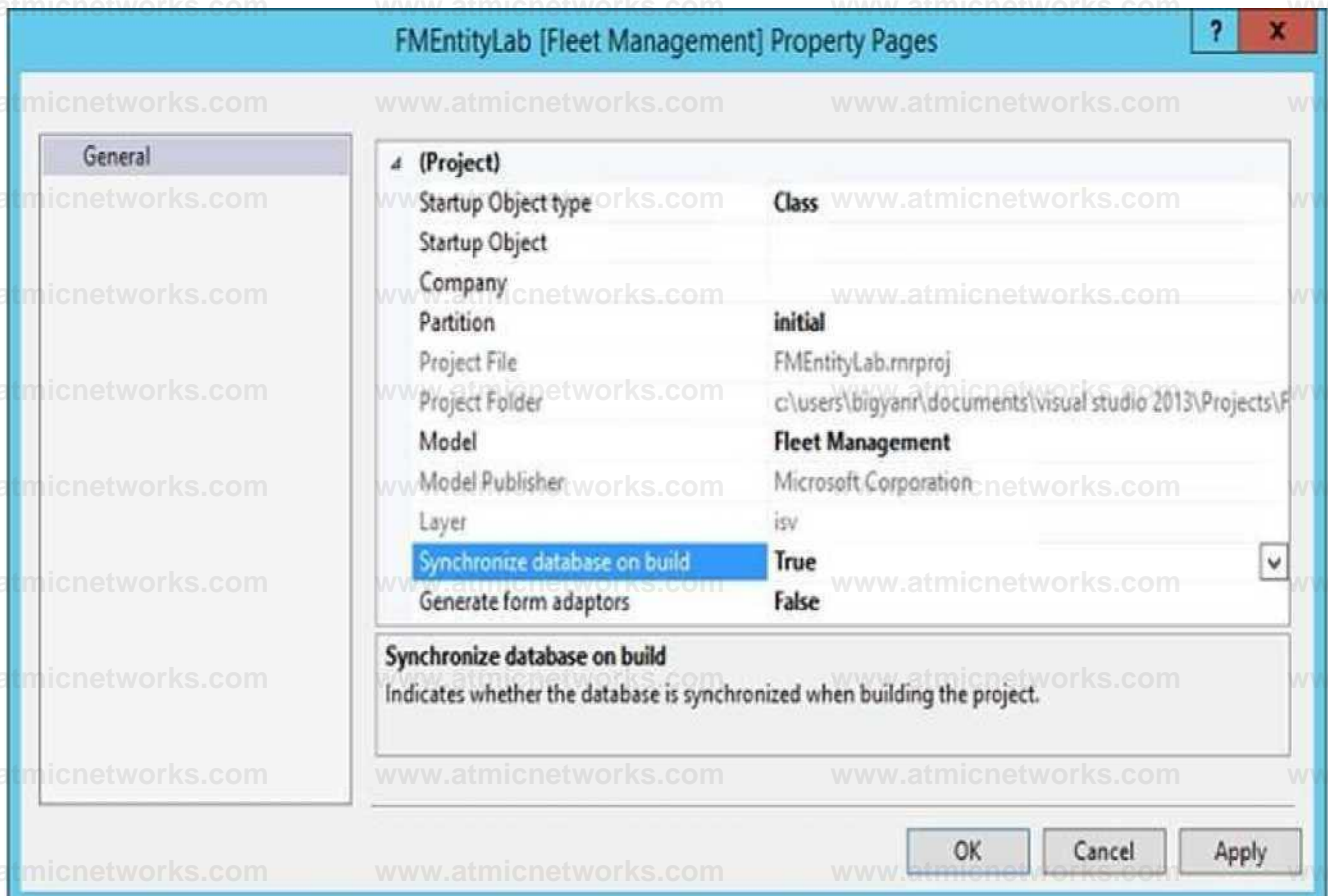
Entities are created as views in Microsoft SQL Server, and staging tables are also added. Therefore, YOU must sync a database when you build entities.

Step 2: Build the solution

Build your project

In Solution Explorer, right-click your project, and then click Properties.

Change the value of the Synchronize database on build property to True, and then click OK. This property must be set only one time per project.



On the Visual Studio toolbar, click Build > Build Solution to build the project.

Step 3: Configure properties for the data entity

After build visually validate and customize an entity

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/build-consuming-data-entities>

Question: 85

DRAG DROP

A company uses Dynamics 365 Unified Operations.

You need to integrate the system with third-party applications.

Which data integration strategies should you use? To answer, drag the appropriate data integration strategies to the correct scenarios. Each strategy may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Strategies

OData endpoint

batch data API

custom service

Excel integration

Answer Area

Scenario

Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.

Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.

Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.

Strategy

Answer:

Explanation:

Scenario

Strategy

Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.

custom service

Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.

batch data API

Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.

OData endpoint

Box 1: custom service

Custom service peak data volume is 1,000 records per hour.

Box 2: batch data API

This scenario is best implemented by using batch data APIs, which has a peak data volume of 300,000 records per hour.

Box 3: OData endpoint

Peak data volume for reading Odata status of orders is 5,000 records per hour.

This scenario is best implemented by using the OData service endpoints to read order status information.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview>

Question: 86

HOTSPOT

You are creating entities that will have unmapped fields.

You need determine which types of unmapped fields to use.

Which field types should you use? To answer, drag the appropriate field types to the correct requirements.

Each field type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Requirement

Create a read-only field that fetches data directly from a view.

Create a field that is computed by SQL Server.

Create a field that is calculated row by row during read and write operations by using X++ code.

Create a non-persisted field.

Field type

	▼
Computed	
Virtual	

	▼
Computed	
Virtual	

	▼
Computed	
Virtual	

	▼
Computed	
Virtual	

Answer:

Explanation:

Requirement

Field type

Create a read-only field that fetches data directly from a view.

	▼
Computed	
Virtual	

Create a field that is computed by SQL Server.

	▼
Computed	
Virtual	

Create a field that is calculated row by row during read and write operations by using X++ code.

	▼
Computed	
Virtual	

Create a non-persisted field.

	▼
Computed	
Virtual	

Box 1: Computed

Computed field: Value is generated by an SQL view computed column.

During read, data is computed by SQL and is fetched directly from the view.

Box 2: Computed

Box 3: Virtual

Virtual field:

Is a non-persisted field.

Is controlled by custom X++ code.

Read and write happens through custom X++ code.

Virtual fields are typically used for intake values that are calculated by using X++ code and can't be replaced by computed columns.

Box 4: Virtual

Virtual field is a non-persisted field.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/data-entity-computed-columns-virtual-fields>

Question: 87

DRAG DROP

A company is migrating from a legacy system to Dynamics 365 Unified Operations.

You need to import the customer data by using the Data Management workspace.

In which order should you perform the actions? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer Area

Actions

Specify the target entity.

Specify the source data format.

Import the source file to the project.

Create a new import project.

Specify the project category for the import.

Answer:

Explanation:

Create a new import project.

Specify the project category for the import.

Specify the source data format.

Specify the target entity.

Import the source file to the project.

Step 1: Create a new import project.

Step 2: Specify the project category for the import.

Step 3: Specify the Source Data Format.

Step 4: Specify the target entity.

Step 5: Import the source file to the project.

The import process is done through the Import tile in the Data Management workspace.

Import a data package

Log into the environment using a login with sufficient privileges (typically this is the Administrator role).

On the dashboard, click the Data Management workspace.

Click the Import tile.

On the next page, do the following:

Provide a name.

In the Source Data Format field, select Package.

Click the Upload button and choose the appropriate package file from the location for the data being imported. This will import all the files from the package.

Click Save, and then click Import.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/data-entities-data-packages>

Question: 88

You are a Dynamics 365 Finance and Operations developer.

You need to create an extension class.

Which action should you perform?

- A. Mark the class as final.
- B. Add the suffix .extension to the file name.
- C. Mark the class as protected.
- D. Mark the class as private.

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

Question: 89

You are training a new Dynamics 365 Finance developer.

You need to explain the relationships between models, packages, and projects to the new hire.

Which three design concepts should you explain? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. A project can contain elements from multiple models.
- B. A model is a group or collection of elements that constitute a distributable software solution.
- C. A Visual Studio project can belong to more than one model.
- D. A model is a design time concept.
- E. A package is a deployment unit that may contain one or more models.

Answer: BDE

Explanation:

B: A model is a group of elements, such as metadata and source files, that typically constitute a distributable software solution and includes customizations of an existing solution.

D: A model is a design-time concept, for example a warehouse management model or a project accounting model.

E: A package is a deployment and compilation unit of one or more models.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/models>

Question: 90

DRAG DROP

You are a Dynamics 365 Finance developer.

Users must be able to view a filtered customer list from within a workspace.

You need to add the customer form to a workspace.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them on the correct order.

Answer Area

Actions

Navigate to the Workspace form and select **Find form to add**.

Select **Workspace and Presentation options**.

Select the **Options** action pane tab and then select **Add to workspace**.

Open the customer form and apply filters to the grid.

Select **Configure**.

Select the General menu item then select **Add to workspace**.

Answer:

Explanation:

Open the customer form and apply filters to the grid.

Select the General menu item then select Add to workspace.

Select the Options action pane tab and then select Add to workspace.

Select Configure.

Step 1: Open the customer form and apply filters to the grid.

To add a list to a workspace, first sort or filter the list on the page so that it shows the information as YOU want it to appear in the workspace.

Step 2: Select the General menu item then select Add to workspace

This workspace will be selected in step 3.

Step 3: Select the Options actions pane tab and then select Add to workspace.

For some pages that include lists, the Add to workspace personalization feature is available in the Personalize group on the Options tab of the Action Pane. This feature lets you push relevant information from the current list to a specific workspace.



Add to workspace

Workspace

Presentation

Tile

Configure

Step 4: Select Configure

After you select Configure, a dialog box appears, where you can select the columns that should appear in the list in the workspace.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/fin-ops/get-started/personalize-user->

experience

Question: 91

You are a Dynamics 365 Finance developer. You have two tables as shown in the following exhibit:



You need to configure Table1 to ensure that records cannot be deleted from Table1 if Table2 contains related records.

Which value should you use for the OnDelete property?

- A. None
- B. Cascade
- C. Cascade + Restricted
- D. Restricted

Answer: D

Explanation:

Example of Restricted

Suppose we have two tables (Customer & Order) and the relation is of One-To-Many i.e Customer can have many orders.

So on a parent table i.e.(Customer) if I set a delete action property to "RESTRICTED" for Order table. Then If I

go and delete the record from a Customer table. It will first check the record in the child table and if exist that warning prompt saying that first we need to delete a record from child table.

Incorrect Answers:

B: Example of Cascade:

Suppose we have two tables (Customer & Order) and the relation is of One-To-Many i.e. Customer can have many orders.

So on a parent table i.e.(Customer) if I set a delete action property to "CASCADE" for Order table. Then If I go and delete the record from a Customer table. It will also delete all the related records in Order table automatically.

C: Example of Cascade + Restricted

Suppose we have three tables (Person, Customer & Order) Now Person is a parent of Customer table, and Customer is a parent of Order table having (One-To-Many) relations

If I set a Delete action property on Person table to "CASCADE" for customer table and If I set a Delete Action property on a CUSTOMER table for Order table to "CASCADE +RESTRICTED".

So if I delete a record from Customer table then It will first check the record in the child table(order table) and if exist that warning prompt saying that first we need to delete a record from child table.

But if I delete a record from Person table it will automatically delete a record in Customer table and all records related to customer table in Order table would also be deleted.

Reference:

<https://amazingax.wordpress.com/2013/01/13/microsoft-dynamics-ax-2012example-of-cascaderestricted-and-cascade-restricted-delete-action-property-for-a-table-relation/>

Question: 92

You are a Dynamics 365 Finance developer.

You need to ensure that an integration is triggered when a specific process starts.

Which tool should you use to retrieve the status from the Production order?

- A. Batch job
- B. Periodic flow
- C. Business event
- D. Recurring Data Entity export

Answer: C

Explanation:

Business events can be used as triggers from D365FO in Power Automate/MS Flow in an end to end way.

Reference:

<https://community.dynamics.com/ax/b/happyd365fo/posts/triggers-using-business-event-in-power-automate-and-microsoft-dynamics-365-finance-and-operations>

Question: 93

HOTSPOT

You create the following cloud-based Dynamics 365 Finance environments:

Name	Comments
Development	Visual Studio workspace is configured and connected to an Azure DevOps branch.
Build	A Build pipeline is configured.
Standard Acceptance Test	This is a sandbox environment for testing customizations.

A developer creates code extensions in the Development environment. The developer checks the code changes into an Azure DevOps branch.

You need to deploy the code changes to the Standard Acceptance Test environment.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

How should you prepare the package?

	▼
Export the Visual Studio project as an .axpp file.	
Build the code in a DevOps pipeline.	
Export the Visual Studio solution as a file.	

In which section of the Lifecycle Services (LCS) should you store the package?

	▼
Work items	
Solution management	
Asset library	

How should you install the customization?

	▼
Select Maintain and then Apply updates.	
Select Maintain and then Upgrade.	
Select LCS project and then Business process modeler.	
Select LCS project and then Code upgrade.	

Answer:

Explanation:

How should you prepare the package?

	▼
Export the Visual Studio project as an .axpp file.	
Build the code in a DevOps pipeline.	
Export the Visual Studio solution as a file.	

In which section of the Lifecycle Services (LCS) should you store the package?

	▼
Work items	
Solution management	
Asset library	

How should you install the customization?

	▼
Select Maintain and then Apply updates.	
Select Maintain and then Upgrade.	
Select LCS project and then Business process modeler.	
Select LCS project and then Code upgrade.	

Box 1: Build the code in the DevOps pipeline.

Box 2: Asset library

Run the export to the Asset library in Microsoft Dynamics Lifecycle Services (LCS).

Box 3: Select Maintain and Apply updates.

Reprovision the target environment

If you copy a database between environments, the copied database won't be fully functional until you run the Environment reprovisioning tool to make sure that all Commerce components are up to date.

Follow these steps to run the Environment reprovisioning tool.

In your project's Asset Library, in the Software deployable packages section, click Import.

From the list of shared assets, select the Environment Reprovisioning Tool.

On the Environment details page for your target environment, select Maintain > Apply updates.

Select the Environment Reprovisioning tool that you uploaded earlier, and then select Apply to apply the package.

Monitor the progress of the package deployment.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/database/dbmovement-scenario-exportuat#back-up-to-the-asset-library>

Question: 94

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Navigate to the user interface forms section for the SalesTable form and create an extension.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

You can customize model elements by creating extensions.

In Dynamics 365 Finance and Operations, the new fields will need to be added via a table extension. Create the extensions on the SalesTable.

Reference:

<https://stoneridgesoftware.com/how-to-extend-sales-order-update-functionality-to-custom-fields-in-d365-finance-and-operations/>

Question: 95

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Navigate to the user interface forms section for the SalesTable form and create a customization.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Instead navigate to the user interface forms section for the SalesTable form and create an extension.

Note: In Dynamics 365 Finance and Operations, the new fields will need to be added via a table extension. Create the extensions on the SalesTable.

Reference:

<https://stoneridgesoftware.com/how-to-extend-sales-order-update-functionality-to-custom-fields-in-d365-finance-and-operations/>

Question: 96

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

Answer Area

Environment types	Tool	Environment type
User Acceptance Testing (UAT) only	Activity Monitoring	
Build only	SQL Insights	
User Acceptance Testing (UAT) and Build	System Diagnostics	

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Add a new form object to the project and name the form SalesTable.Extension.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Instead navigate to the user interface forms section for the SalesTable form and create an extension.

Note: In Dynamics 365 Finance and Operations, the new fields will need to be added via a table extension. Create the extensions on the SalesTable.

Reference:

<https://stoneridgesoftware.com/how-to-extend-sales-order-update-functionality-to-custom-fields-in-d365-finance-and-operations/>

Question: 97

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create an output menu item. Add the output menu item to the form button and then link the report to the output menu item.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-create-a-menu-item-for-a-report>

Question: 98

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create an action menu item. Add the action menu item to the form button and then link the report to the action menu item.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/action-controls>

Question: 99

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create a display menu item. Add the menu display item to the form button and then link the report to the display menu item.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 100

You are a Dynamics 365 Finance developer.

You must extend the validate method of the SalesLine table by using Chain of Command. The value of a variable named SalesPrice must be greater than or equal to zero when adding new lines.

You need to create an extension class.

Which two code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

```
A [ExtensionOf(tableStr(SalesLine))]
final class SalesLine_Extension
{
    boolean validateWrite(boolean _skipCreditLimitCheck) {
        boolean ret;
        ret = next validateWrite(_skipCreditLimitCheck);
        if (ret && this.SalesPrice < 0)
        {
            ret = false;
            return ret;
        }
    }
}
```

```
B [ExtensionOf(tableStr(SalesLine))] final class SalesLine_Extension {
    boolean validateWrite(boolean skipCreditLimitCheck = false) {
        boolean ret;
        ret = next validateWrite(_skipCreditLimitCheck);
        if (ret && this.SalesPrice < 0)
        {
            ret = false;
        }
        return ret;
    }
}
```

```
C [ExtensionOf(tableStr(SalesLine))]
public class SalesLine_Extension
{
    boolean validateWrite(boolean skipCreditLimitCheck) {
        boolean ret;
        ret = next validateWrite(_skipCreditLimitCheck);
        if (ret && this.SalesPrice < 0)
        {
            ret = false;
        }
        return ret;
    }
}
```

^D [ExtensionOf(tableStr(SalesLine))]

```
final class SalesLine_Extension
```

```
{
```

```
    boolean validateWrite(boolean _skipCreditLimitCheck)
```

```
    {
```

```
        boolean ret;
```

```
        try
```

```
        {
```

```
            ret = next validateWrite(_skipCreditLimitCheck);
```

```
        }
```

```
        catch
```

```
        {
```

```
            ret = false;
```

```
            if (ret && this.SalesPrice < 0)
```

```
            {
```

```
                ret = false;
```

```
            }
```

```
            return ret;
```

```
        }
```

```
    }
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: CD

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/validations-defaults-unmapped-fields>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

Question: 101

You are a Dynamics 365 Finance developer. You have the following Extended Data Types (EDTs):

Name	Comments
AccountBase	Root EDT
AccountId	Derives from AccountBase

You plan to modify the EDT properties by using an extension.

You need to determine which operations can be performed.

Which operation is possible?

- A. Create an extension for AccountBase and decrease the field size.
- B. Create an extension for AccountId and increase the field size.
- C. Create a derived EDT for AccountId and decrease the field size.
- D. Create an extension for AccountBase and increase the field size.

Answer: D

Explanation:

You can only set the new String size to a value equal to or larger than the base EDT value.

Incorrect Answers:

B. C: You can only modify the value if the EDT does not extend from another EDT.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/modify-edt>

Question: 102

You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.

You need to modify the table properties by extending the table.

Which table property can you populate in a table extension by using the property sheet?

- A. Primary index
- B. Configuration key
- C. Save data per company
- D. Modified date time

Answer: D

Explanation:

You can now modify the following properties through the property sheet:

Modified Date Time

Created By

Created Date Time

Modified By

Country Region Codes

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/modify-properties>

Question: 103

HOTSPOT

You are a Dynamics 365 Finance developer.

You need to add a new status named InTransit to the SalesTable.SalesStatus field and use the status in code.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement

Add the new status to SalesStatus.

Reference new values in code.

Action or code segment

- Create an extension of SalesStatus.
 - Create an overlay of SalesStatus.
 - Create a new enumeration that extends SalesStatus.
 - Duplicate SalesStatus and add an element.
- SalesStatus::InTransit
SalesStatus.Extension::InTransit
NewSalesStatus:InTransit
SalesTable.SalesStatus

Answer:

Explanation:

Requirement

Add the new status to SalesStatus.

Reference new values in code.

Action or code segment

- | | |
|--|---|
| | ▼ |
| Create an extension of SalesStatus. | |
| Create an overlay of SalesStatus. | |
| Create a new enumeration that extends SalesStatus. | |
| Duplicate SalesStatus and add an element. | |
-
- | | |
|----------------------------------|---|
| | ▼ |
| SalesStatus::InTransit | |
| SalesStatus.Extension::InTransit | |
| NewSalesStatus:InTransit | |
| SalesTable.SalesStatus | |

Box 1: Create an extension of SalesStatus

To modify properties on an existing field in a table, you must first create an extension for the table.

Box 2: SalesStatus::InTransit

Incorrect Answers:

Overlay: Overlaying code, the now-outdated way to implement customer-specific functionality under Dynamics AX, involved customizing programming within Microsoft's code and recompiling the application.

Reference:

<https://docs.microsoft.com/sv-se/dynamics365/fin-ops-core/dev-itpro/extensibility/modify-existing-field>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/extensible-enums>

Question: 104

You add a field to the SalesTable entity by using an extension.

You need to ensure that the new field is available for use in forms, reports, and code.

What are three possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Right-click the table and select Synchronize.
- B. Navigate to the Dynamics 365 menu and select Synchronize database.
- C. Right-click the solution and select Synchronize with database.
- D. Set the project property for Synchronize database on build to true and build the solution.
- E. Right-click the project and select Synchronize with database.

Answer: A, D, E

Explanation:

Question: 105

DRAG DROP

An organization uses Visual Studio to develop customizations for Dynamics 365 Supply chain Management.

You need to create an extension for the CustTable form and add the extension to the Visual Studio project.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer Area

Actions

Select the `IsExtensible` property for the CustTable form.

In Solution Explorer, drag the CustTable form into the project.

Rename the new CustTable extension.

In the Application Object Tree (AOT), right-click the CustTable form and select **Add to project**.

In the Application Object Tree (AOT), right-click the CustTable form.

Select **Create extension**.

Answer:

Explanation:

1. In AOT, right-click CustTable form

2. Select Create Extension

3. Rename the new CustTable extension

Reference:

<https://docs.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/devenv-extension-example>

Question: 106

HOTSPOT

A user reports that a form takes a long time to load. You suspect that the issue relates to a display method.

You need to resolve the issue.

Which actions should you perform? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Action

Add the following attribute to the display method:

```
[ SysClientCachedataMethodAttribute(true) ]
```

Set the value of the Enabled property to No for any display fields that are not needed.

Set the value of the Visible property to No for any display fields that are not needed.

Set the value of the Skip property to Yes for any display fields that are not needed.

Improves performance

	▼
true	
false	

	▼
true	
false	

	▼
true	
false	

	▼
true	
false	

Answer:

Explanation:

Action

Improves
performance

Add the following attribute to the display method:

```
[SysClientCachedataMethodAttribute(true)]
```

true

false

Set the value of the Enabled property to No for any display fields that are not needed.

true

false

Set the value of the Visible property to No for any display fields that are not needed.

true

false

Set the value of the Skip property to Yes for any display fields that are not needed.

true

false

Box 1: Yes

The caching will avoid executing the display method unnecessarily.

To improve the performance of a display method, you can cache the method.

Box 2: No

Box 3: No

Box 4: No

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/using-the-display-method-modifier>

Question: 107

You are a Dynamics 365 Finance developer. You create an integer variable named totalSales.

Which three code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. `in<o(int2str(totalSales));`
- B. `info(totalSales);`
- C. `info(any2str(totalSales));`
- D. `info(strfmt("%I", totalSales));`
- E. `info(strLine(totalSales, 1));`

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: ACD

Explanation:

- A: `int2Str` converts an integer to the equivalent string.

C: any2Str converts an anytype value to a str value. The anytype data type is a placeholder for any data type.

D: Example:

```
void MyMethod()
{
    for (int i = 0; i < 10; i++)
    {
        info(strfmt("i is %1", i));
    }
}
```

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-variables-data-types>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-data-primitive#anytype>

Question: 108

HOTSPOT

You are the Dynamics 365 Finance Developer.

You have the following class definition:

```
class WebShopOrderValidations
```

```
{  
    public static void checkQtyValue(int Qty = 0)  
}  
}
```

You need to create an extension class and wrap the method by using Chain of Command (CoC), if the value of the Qty variable is less than 5, the code must cause an exception.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

[ExtensionOf(**class**Str(WebShopOrderValidations))]

	▼
final class WebShopOrdVal_Extension	
final class WebShopOrderValidations_MyExtension	
static class WebShopOrderValidationsMy_Extension	
class WebShopOrderValidations_Extension	

{

	▼
public static void checkQtyValue(int Qty)	
public void checkQtyValue(int Qty)	
public static int checkQtyValue(int Qty)	
public static void checkQtyValue(int Qty = 0)	

{

```
    next checkQtyValue(Qty);  
    if (Qty < 5)  
    {  
        throw error("Quantity cannot be smaller than 5");  
    }
```

Answer:

Explanation:

[ExtensionOf(classStr(WebShopOrderValidations))]

```
final class WebShopOrdVal_Extension  
final class WebShopOrderValidations_MyExtension  
static class WebShopOrderValidationsMy_Extension  
class WebShopOrderValidations_Extension
```

{

```
public static void checkQtyValue(int Qty)  
public void checkQtyValue(int Qty)  
public static int checkQtyValue(int Qty)  
public static void checkQtyValue(int Qty = 0)
```

{

```
    next checkQtyValue(Qty);  
    if (Qty < 5)  
    {  
        throw error("Quantity cannot be smaller than 5");  
    }  
}
```

Box 1: final class WebShopOrderVal_Extension

Box 2: public static void checkQtyValue(int Qty)

Incorrect Answers:

Public void ...

If a static method is the target that will be wrapped, the method in the extension must be qualified by using the static keyword.

Int Qty=0

The method signature in the wrapper method must not include the default value of the parameter.

Public int

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/naming-guidelines-extensions>

Question: 109

HOTSPOT

You have the following code:

```

[SystemEntryPointAttributeRole]
class CashDiscountDP extends SRSReportDataProviderBase
{
    CashDiscountTmp CashDiscountTmp;
    [SRSReportDataSetAttribute(tablename(CashDiscountTmp))]
    public CashDiscountTmp getCashDiscountTmp()
    {
        select CashDiscountTmp;
        return CashDiscountTmp;
    }
    public boolean processReport()
    {
    }
}

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statement	Yes	No
You can use the class as an entry point for a security privilege.	<input type="radio"/>	<input type="radio"/>
The class allows SQL Server Reporting Services to retrieve data for the report.	<input type="radio"/>	<input type="radio"/>
processReport() has the correct method signature.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statement

Yes

No

You can use the class as an entry point for a security privilege.

The class allows SQL Server Reporting Services to retrieve data for the report.

processReport() has the correct method signature.

Box 1: Yes

Here CashDiscountDP is the name of the secure server method that is tagged with the SysEntryPointAttribute attribute.

Box 2: Yes

To define a report data provider class

An RDP class extends the SRSReportDataProviderBase class. You set the SRSReportParameterAttribute attribute to the data contract you created for the RDP class.

Box 3: No

Instead:

```
public void processReport()
```

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/security-privilege-properties>

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-report>

Question: 110

DRAG DROP

You create a Visual Studio project named ProductUpdates.

You must update data in a table named ProductTable. You must be able to run the code from Visual Studio.

You need to create an X++ class.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer Area

Actions

Add the ExtensionOf attribute to the class.

Set the class as the startup object.

Write database manipulation code in the class.

Build and run the class.

Create a runnable class and add it to the ProductUpdates project.

Create a class extension of the ProductTable and add it to the ProductUpdates project.

Open the new class and add a main method to the class.

Explanation:

1. Create a runnable class and add it to the ProductUpdates project
2. Open the new class and add a main method to the class
3. Write the database manipulation code in the class
4. Set the class as startup object
5. Build and run the class

Question: 111

D18912E1457D5D1DDCBD40AB3BF70D5D

You are a Dynamics 365 Finance and Operations developer.

You need to deploy a new report in a development environment.

Answer:

From which two locations can you deploy the report? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

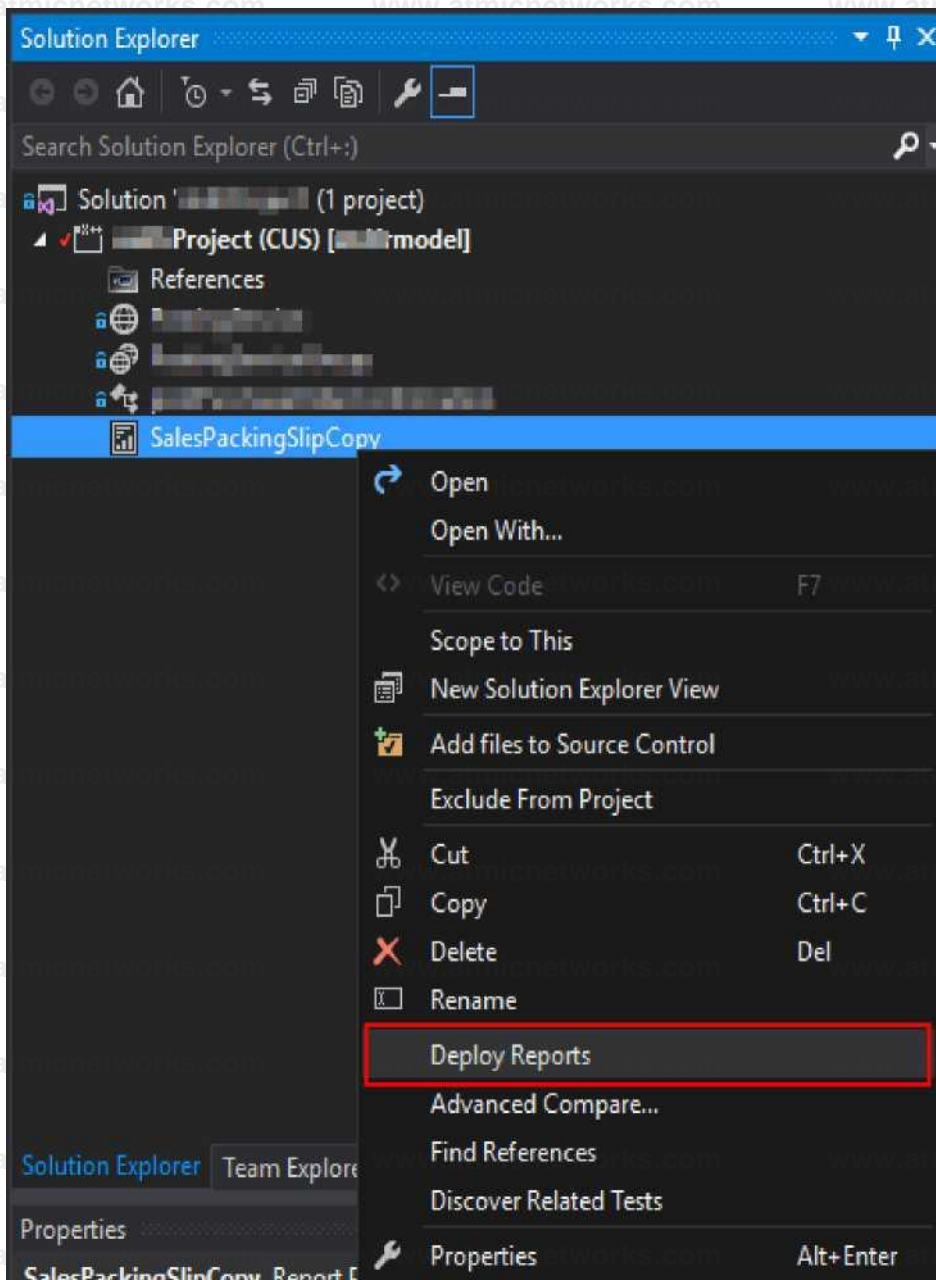
- A. Package deployment
- B. Build project
- C. Application Explorer
- D. Solution Explorer
- E. Build Models options

Answer: AD

Explanation:

A: An AOT package is a deployment and compilation unit of one or more models that can be applied to an environment. It includes model metadata, binaries, reports and other associated resources.

D:



Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/deployment/create-apply-deployable-package>

Question: 112

You are a Dynamics 365 Finance developer.

You need to create a key performance indicator (KPI) that shows total sales by region. Which two objects should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. dimension for region
- B. dimension for total sales
- C. aggregated view for total sales
- D. measure for region
- E. measure for total sales

Answer: AE

Explanation:

An aggregate measurement is a model that contains a collection of measures together with their corresponding dimensions. Measures are aggregate numbers, such as Total Sales or Number of Orders. Dimensions are slicers, such as Product, Vendor, or Customer, that help you analyze the measure. For example, the measure of Total Sales isn't useful unless it can be sliced by Product, Region, and Customer.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/analytics>

Question: 113

The warehouse manager at Contoso, Ltd. wants to display a tile in the user interface that will show total RAFs per hour.

You need to create a key performance indicator (KPI) that meets these requirements.

What two components should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. aggregate dimensions
- B. data entity
- C. aggregate measurements
- D. TempDB table

Answer: B, C

Explanation:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/model-aggregate-data#model-a-kpi-to-show-revenue-per-rental>

Question: 114

You have a cloud-based Dynamics 365 Finance production environment.

You need to access the data to create Microsoft Power BI reports for the business.

What should you use?

- A. aggregate measurements
- B. DirectQuery
- C. Analysis Cubes
- D. Entity store

Answer: D

Explanation:

When you have completed modeling the aggregate measurement, you can deploy the aggregate measurement and continue with building KPIs and visualizations. You have 2 deployment choices:

Stage in Entity Store. This option leverages Entity store, the operational data store that enables near real-time PowerBI reporting.

In-memory real-time

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/model-aggregate-data>

Question: 115

HOTSPOT

You are a Dynamics 365 Finance developer.

A report uses a synchronous call based on a saleID value. There are long wait times for the report to complete printing. You must allow the user to continue to work while the report processes and inform the user immediately when the report completes printing.

You need to implement the correct method calls and behavior.

Which code segments should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement

Code segment or object

Run the form asynchronously.

```
element.runAsynch(classNum(CallReport), staticMethodStr(CallReport,RunReport)...  
Global:runAsynch(classNum(CallReport), staticMethodStr(CallReport,RunReport)...  
SysOperationSandbox::callStaticMethod(classNum(CallReport), staticMethodStr(CallReport,RunReport)...
```

Pass parameters to the method.

```
data contract class  
container  
parm method
```

Answer:

Explanation:

Box 1: element.runAsynch

Box 2: container

Reference:

<https://devblog.sertanyaman.com/2017/03/14/synchronous-and-asynchronous-operations-in-ax7/>

Question: 116

You are training a new Dynamics 365 Finance and Operations developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations.

For which scenario should you recommend asynchronous integration?

A. A retailer requires all new customer data captured at point of sale (POS) terminals through the day sent back to the system.

B. A service company needs workers to be able to access just-in-time inventory data from the field by using a

third-party Software as a Service (SaaS) application to ensure they have parts to complete a service.

C. A retailer wants to ensure gift card balances are communicated back to the system from point of sale (POS) terminals in near real-time.

D. A company uses workflow for purchasing approvals, which then sends just-in-time approval information to a third-party application for approvers to review.

Answer: A

Explanation:

Classic data integration: Asynchronous,

Classic data integration provides asynchronous and uni-directional data synchronization experience between model-driven applications in Dynamics 365 and Dynamics 365 Finance and Operations applications. It's an IT-administrator led experience and you must schedule the data sync jobs to run on a specific cadence. Classic data integration is suitable for business scenarios that involves bulk ingress/egress of data across Dynamics 365 applications.

Note: Dual-write: Synchronous, Bi-directional.

Dual-write provides synchronous, bi-directional, near-real time experience between model-driven applications in Dynamics 365 and Finance and Operations applications. Data synchronization happens with little or no intervention and is triggered by create, update and delete actions on an entity. Dual-write is suitable for interactive business scenarios that span across Dynamics 365 applications.

Question: 117

DRAG DROP

You need to set up a recurring integration to enable file exchanges between Dynamics 365 Finance and a third-party system.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Set up the processing recurrence.	
Link a new application ID to the data recurring data job.	
Specify whether you are using a file or data package.	
Set up a data project.	
Create a recurring data job.	

Answer:

Explanation:

1. Set up a data project –
2. Create recurring data job –
3. Link a new application ID to the data recurring job –
4. Specify whether you are using a file or a data package –
5. Set up the processing recurrence

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/recurring-integrations#create-a-recurring-data-job>

Question: 118

DRAG DROP

You are a Dynamics 365 Finance developer.

You need to configure integration between Dynamics 365 Finance and other tools.

Which integration types should you use? To answer, drag the appropriate integration types to the correct requirement. Each integration type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Integration types	Answer Area	Integration type
synchronous	Requirement Request information about product availability from a web page to calculate the extended price.	
asynchronous	Periodically update a reporting database.	
	Edit data in Microsoft Excel by using the Excel Data Connector add-in.	
	Import a credit card data file once each day.	

Answer:

Explanation:

Requirement

Integration type

Request information about product availability from a web page to calculate the extended price.

synchronous

Periodically update a reporting database.

asynchronous

Edit data in Microsoft Excel by using the Excel Data Connector add-in.

synchronous

Import a credit card data file once each day.

asynchronous

Box 1: synchronous

A synchronous pattern is a blocking request and response pattern, where the caller is blocked until the callee has finished running and gives a response.

Box 2: Asynchronous

An asynchronous pattern is a non-blocking pattern, where the caller submits the request and then continues without waiting for a response.

Box 3: synchronous

Box 4: Asynchronous

A typical Batch job.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview>

Question: 119

You are a Dynamics 365 Finance developer.

You make changes to an existing class.

You need to compare the code that is in source control with the updated class. In Visual Studio, you display

Team Explorer.

What are three possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. In Team Explorer, select Compare with Latest Version.
- B. In Team Explorer, select Compare with Workspace Version.
- C. In Team Explorer, select Compare Files.
- D. Run the `tf diff` command.
- E. Run the `vsdiffmerge` command.

Answer: ABD

Explanation:

Example:

In Team Explorer, right-click FM Rental.xml, and select Compare with Latest Version.

J Included Changes (1) Exclude All | View Options

C:\Packages\FleetManagement\FleetManagement\AxTable
0 FM Rental.xml Open in Source Control Explorer

a Excluded Changes

Include All | View

Options -

Drag changes here to exclu

Open

View History

Compare with Workspace Version

Compare with Latest Version

Annotate

Exclude

Solution Explorer

Team Explo

Undo...

Properties

Choose Compare with Latest Version to see how the changes you have made compare to the latest version of the file on your Team Foundation Server.

Choose Compare with Workspace Version to see what changes you have made to the version you checked out.

D: The diff tool of Visual Studio is very good to compare two files.

It compares, and if it is possible, displays differences between two files, files in two folders, or a shelveset and a local or a server file.

Syntax:

```
tf diff[erence] itemspec [/version:versionspec] [/type:filetype]
```

```
[/format:format [/ignorespace] [/ignoreeol] [/ignorecase] [/recursive]
```

```
[/options][[/noprompt]][/login:username,[password]]
```

Incorrect Answers:

E: vsdiffmerge is used for merging.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/tfvc/difference-command>

Question: 120

An organization has two million customers that are part of the International customer group.

Validation must occur when customer records are updated. For all customers where the value of the customer group field is international, you must the delivery mode to Air.

You need to update the customer records.

Which two segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

```

A  ttsbegin;
    while select forupdate CustTable
        where CustTable.CustGroup == 'International*
            CustTable.Divide = 'Air*';
            CustTable.update();

    ttscommit;
B  ttsbegin;
    update CustTable
    set DivMode = 'Air*';
    where CustTable.CustGroup == 'International* ttscommit;
C  ttsbegin;
    update_recordset CustTable
    where CustTable.CustGroup == 'International* setting
        DivMode = 'Air*';
    ttscommit;
D  ttsbegin;
    while select forupdate CustTable
        where CustTable.CustGroup == 'International* {
            CustTable.DivMode = 'Air*';
            CustTable.doUpdate();
        }
    ttscommit;
E  ttsbegin;
    update_recordset CustTable
    setting DivMode = 'Air*';
    where CustTable.CustGroup == 'International* ttscommit;

```

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Answer: AE

Explanation:

Reference:

<https://community.dynamics.com/ax/b/technicaltutorialsformsdynamicsax2012/posts/update-and-update-recordset-code-sample-in-ax-2012>

Question: 121

HOTSPOT

You are a Dynamics 365 Finance developer.

You need to export data from all products into a data package every day at 2 a.m. You open the Data Management workspace.

How should you complete the process? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Actions

Select the  to create a new data project.

- Export
- Import
- Templates

Enter a valid .

- Data target
- Data transformation scheme
- Data source

On the  create a recurring data job.

- Data project page
- Data management workspace
- Selected entities list

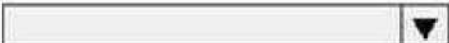
On the  tab, enter the ID for the application.

- Setup authorization policy
- Create authorization policy
- Authorization policy properties


Answer:

Explanation:

Actions

Select the  to create a new data project.

- Export
- Import
- Templates

Enter a valid .

- Data target
- Data transformation scheme
- Data source

On the  create a recurring data job.

- Data project page
- Data management workspace
- Selected entities list

On the  tab, enter the ID for the application.

- Setup authorization policy
- Create authorization policy
- Authorization policy properties

Box 1: Export

Select the Import or Export (in this case) tile to create a new data project.

Box 2: Data source

Enter a valid job name, data source, and entity name.

Box 3: Data project page

On the Data project page, select Create recurring data job.

Box 4: Setup authorization policy

In the Set up authorization policy tab, enter the application ID that was generated for your application, and mark it as enabled.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/recurring-integrations>

Question: 122

DRAG DROP

You are a Dynamics 365 Finance developer.

You need to configure table caching.

Which CacheLookup properties should you use? To answer, drag the CacheLookup properties to the correct table. Each property may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

CacheLookup properties

EntireTable
NotInTTS
Found
FoundAndEmpty

Table type	CacheLookup property
Parameters	
Transaction	
Master data	
Region specific master data	

Answer:

Explanation:

Parameters: EntireTable

Transaction: NotInTTS

Master Data: Found

Region specific master data: FoundAndEmpty

<https://community.dynamics.com/365/financeandoperations/b/performanceandtipsandtricks/posts/dynamics-365-for-finance-and-operations-table-caching-basic-rules#:~:text=Entire%20table%20cache%20size%20determines,365%20for%20Finance%20and%20Operations.&text=Each%20AOS%20server%20can%20have%20its%20own%20cache%20settings.>

Question: 123

HOTSPOT

You are a Dynamics 365 Finance developer. You create a form.

You must ensure that only sales managers can view the form.

You need to set up security for the form.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Step

Action

Add the menu item for the form to the entry point node of a new privilege.

Add the form object to the entry point node of a new privilege.

Add the form object to the directaccesspermissions node of a new privilege

Add the privilege to a new duty.

Add the menu item for the form to the directaccesspermissions node of a new privilege
Add the privilege to a new security policy.

Add the duty to the security role for sales managers.

Add the security policy to the security role for sales managers.

Answer:

Explanation:

Step

Action

1

Add the menu item for the form to the entry point node of a new privilege.

Add the form object to the entry point node of a new privilege.

Add the form object to the directaccesspermissions node of a new privilege.

2

Add the privilege to a new duty.

Add the menu item for the form to the directaccesspermissions node of a new privilege.

Add the privilege to a new security policy.

3

Add the duty to the security role for sales managers.

Add the security policy to the security role for sales managers.

Step 1: Add the form object to the entry point node of a new privilege.

Your desired security privilege you can either directly set form control permissions or Entry Points.

For the Entry point method you need first need to add new entry point and set its object type and object name properties or for existing ones select desired entry point and click on drop down arrow and on controls right click and select new control, and now set its grant and name properties to

desired control and its access rights.

Step 2: Add the privilege to a new duty

You need to assign this privilege in desired security role and security duty.

Step 3: Add the duty to the security role for sales managers.

Reference:

<https://www.cloudfronts.com/set-form-control-access-via-security-role-in-d365-finance/>

Question: 124

HOTSPOT

You are a Dynamics 365 Finance developer.

You need to create a security rule that meets the following requirements:

Provide the same permissions as HcmWorkerActionHireRead

Assign the Update level access and the HcmHumanResourceMamager Role

Which settings should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Setting

Property

Operation

	▼
Insert	
Update	
Delete	
InsertUpdateDelete	

Set HcmHymanResourceManager

	▼
Primary Table	
Query	
Role Name	
Operation	

Answer:

Explanation:

Setting

Property

Operation

	▼
Insert	
Update	
Delete	
InsertUpdateDelete	

Set HcmHymanResourceManager

	▼
Primary Table	
Query	
Role Name	
Operation	

Question: 125
HOTSPOT

You are a Dynamics 365 Finance developer.

You launch the Performance Timer tool to troubleshoot performance issues with a business process.

You need to view the results from the tool.

What does the tool present? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Performance Timer tool link

Data

Forms

<input type="checkbox"/>	The number of open forms and the rate at which they are opened and closed (per second).
<input type="checkbox"/>	The total number of forms and the rate at which they are opened and closed (per second).
<input type="checkbox"/>	The number of open forms and the rate at which they are opened and closed (per minute).
<input type="checkbox"/>	The total number of forms and the rate at which they are opened and closed (per minute).

Services Session

<input type="checkbox"/>	The number of open forms and the rate at which they are opened and closed (per second).
<input type="checkbox"/>	The total number of forms and the rate at which they are opened and closed (per second).
<input type="checkbox"/>	The number of open forms and the rate at which they are opened and closed (per minute).
<input type="checkbox"/>	The total number of forms and the rate at which they are opened and closed (per minute).

Answer:

Explanation:

Performance Timer tool link

Data

Forms

<input checked="" type="checkbox"/>	The number of open forms and the rate at which they are opened and closed (per second).
<input checked="" type="checkbox"/>	The total number of forms and the rate at which they are opened and closed (per second).
<input type="checkbox"/>	The number of open forms and the rate at which they are opened and closed (per minute).
<input type="checkbox"/>	The total number of forms and the rate at which they are opened and closed (per minute).

Services Session

<input checked="" type="checkbox"/>	The number of open forms and the rate at which they are opened and closed (per second).
-------------------------------------	---

The total number of forms and the rate at which they are opened and closed (per second)
The number of open forms and the rate at which they are opened and closed (per minute).
The total number of forms and the rate at which they are opened and closed (per minute).

Box 1: The number of open forms and ..(per second)

Forms - Forms will show how many forms are currently open, plus the rate at which they opened and closed (per second), and a set of counters, such as the total amount of created or closed forms.

Box 2: The number of open forms and ..(per second)

This should really be: Services Session provider - This is the total number of sessions created.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/performance-timer>

Question: 126

DRAG DROP

You need to map the Dynamics 365 Finance components into the standard models.

Which component belongs to which model? To answer, drag the appropriate models to the correct components. Each model may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Models

- Application Platform
- Application Suite
- Application Foundation

Answer Area

Component

- Number Sequence
- Global Address Book
- Workflow & Services
- SSRS Reporting

Model

-
-
-
-

Answer:

Explanation:

Component

Model

Number Sequence

Application Foundation

Global Address Book

Application Foundation

Workflow & Services

Application Platform

SSRS Reporting

Application Platform

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/application-stack-server-architecture>

Question: 127

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create a command button and link the button to the report by using the button's object property.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

You would need to use the on-click property of the command button.

Reference:

<https://support.microsoft.com/en-gb/office/use-a-command-button-to-start-an-action-or-a-series-of-actions-c7bf2827-2f3e-42b8-83d6-6c4f0de78990>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/action-controls>

Question: 128

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must extend the class SalesLineType and add a new method that returns the day of week for the system's current date as an integer value.

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

```
[rxt^i^iuriOi (:li3/Sti (SalesLineType) ) ]  
final class mySalesLineType myExtension  
  
public int extensionMethodDayofWeek()  
  
return dayofwk(systemDateGet());
```

1

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Question: 129

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must extend the class `SalesLineType` and add a new method that returns the day of week for the system's current date as an integer value.

You need to create a class that extends `SalesLineType` and adds the new method.

Solution: You create the following code:

```
public class mySalesLineType Extension -/'-; 1 SalesLineType
{
    [i i: ExtensionMethodDayOfWeek()
    return dayOfWk(systemDateGet());
}
```

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 130

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must extend the class SalesLineType and add a new method that returns the day of week for the system's current date as an integer value.

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

```
[Eiit^niionOr (clas.?Str (SalesLineType) ) ] final class
```

```
mySalesLineType_Extension {
```

```
    public . irn extensionMethodDayOfWeek()
```

```
    {
```

```
        return dayofwk(systemDateGet());
```

```
    }
```

```
}
```

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 131

You are a Dynamics 365 Finance developer. You create a key performance indicator (KPI) that will enable users to be able to see the total sales per region. You create a tile named SalesRegion and link the KPI to the tile.

You need to ensure that users can view this tile on a form in the user interface.

What should you do?

A. Create an extension of the form that will contain the new tile and KPI. Add the tile to the extended form.

B. Open the form that will contain the new tile. Add the tile to the form.

C. Create a new workspace. Add the KPI to the workspace from the user interface.

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/workspace-form-pattern>

Question: 132

You are training a new Dynamics 365 Finance developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations.

For which scenario should you recommend asynchronous integration?

- A. A warehouse wants to track movement of all inventory from scanners to the system.
- B. A retailer wants to ensure gift card balances are communicated back to the system from point of sale (POS) terminals in near real-time.
- C. A company uses an on-premises inventory management system that needs to receive sales order data every hour throughout the day.
- D. A service company needs workers to be able to access just-in-time inventory data from the field by using a third-party Software as a Service (SaaS) application to ensure they have parts to complete a service.

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview>

Question: 133

HOTSPOT

You are a Dynamics 365 Finance developer.

You have the following entities.

Entity name	Staging table	Related field
OrderHeader	OrderHeaderStaging	OrderId
OrderLine	OrderLineStaging	OrderId

You must create the required fields and relationships in the staging tables.

You need to develop a composite entity that uses the OrderHeader and OrderLine entities.

Which object should you use for each action? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Action

Object

Add a foreign key relation on the table based on the OrderId field.

	▼
OrderHeaderStaging	
OrderLineStaging	

Add mandatory field names.

	▼
RowId, ParentRowId	
RefTableId, RefRecId	
ParentTableId, ParentRecId	

Add mandatory fields on the tables.

	▼
OrderHeaderStaging only	
OrderLineStaging only	
OrderHeaderStaging and OrderLineStaging	

Answer:

Explanation:

Action

Object

Add a foreign key relation on the table based on the OrderId field.

	▼
OrderHeaderStaging	
OrderLineStaging	

Add mandatory field names.

	▼
RowId, ParentRowId	
RefTableId, RefRecId	
ParentTableId, ParentRecId	

Add mandatory fields on the tables.

	▼
OrderHeaderStaging only	
OrderLineStaging only	
OrderHeaderStaging and OrderLineStaging	

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/develop-composite-data-entities>

Question: 134

HOTSPOT

A company has a cloud-based Dynamics 365 Finance environment and uses an e-commerce website for retail operations. The website has business to business (B2B) capabilities. The company uses a **middleware integration tool** to process data.

You must create a batch job to automate some operations. The batch job must be able to process several thousand transactions in each run.

You need to configure the environment.

Which tools should you use? To answer, drag the appropriate tools to the correct requirements. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Requirement

Schedule a nightly batch in the middleware tool to import orders into Dynamics 365.

Schedule a nightly batch in Dynamics 365 to export supplier data to a Microsoft Excel file. Configure the middleware tool to consume and process the data.

Tool

	▼
OData REST API	
Data management framework's package API	
Business events	
	▼
Recurring integration API	
Bring your own database (BYOD)	
OData REST API	

Answer:

Explanation:

Requirement

Schedule a nightly batch in the middleware tool to import orders into Dynamics 365.

Schedule a nightly batch in Dynamics 365 to export supplier data to a Microsoft Excel file. Configure the middleware tool to consume and process the data.

Tool

	▼
OData REST API	
Data management framework's package API	
Business events	

	▼
Recurring integration API	
Bring your own database (BYOD)	
OData REST API	

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/recurring-integrations>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/data-management-api>

Question: 135

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Navigate to the Visual Studio user interface forms extensions section for the SalesTable form and create an extension.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Reference:

<https://stoneridgesoftware.com/how-to-extend-sales-order-update-functionality-to-custom-fields-in-d365-finance-and-operations/>

Question: 136

You are a Dynamics 365 Finance developer.
You need to create an extension class.

Which action should you perform?

- A. Decorate the class with the ExtensionOf attribute.
- B. Add the class buffer as the first parameter.
- C. Mark the class as public.
- D. Mark the class as private.

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/class-extensions>

Question: 137

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an enumeration named truckStatus that has the following statuses:

Empty
Loaded

Completed

You have the following code:

```
switch (truckTable.Truckstatus) {  
    case TruckStatus::Empty:  
        Info("1");  
        break;  
    case TruckStatus::Loaded:  
        Info("2");  
        break;  
    case TruckStatus::Completed:  
        Info("3");  
        break;  
}
```

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit. You must then modify code that validates the switch statement.

Solution: Add a post handler to the method that checks the enumeration and logic for your new enumeration values using a range comparison for your new values.

```
if ( truckTable.TruckStatus > TruckStatus::Completed )  
{  
    Info("Extended");  
}
```

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 138

HOTSPOT

A company requires a change to one of the base Microsoft SQL Server Reporting Services (SSRS) reports. The report must include a new field that automatically filters the report based on the user who opens the report.

You need to add the new field as specified.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement

Action

Add the new field to the report.

Duplicate the existing report in an extension model
Extend the existing report in an extension model.

Customize the existing report.

Automatically filter based on the user.

Use the Controller class.

Use the ReportDataProvider class.

Answer:

Explanation:

Requirement

Action

Add the new field to the report.

Duplicate the existing report in an extension model.
Extend the existing report in an extension model. Customize the existing report.

Automatically filter based on the user.

Use the Controller class.

Use the ReportDataProvider class.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/customize-app-suite-reports-with-extensions>

<https://community.dynamics.com/ax/b/dynamics101trainingcenterax/posts/developing-a-ssrs-report-using-the-report-data-provider-in-microsoft-dynamics-ax-2012>

Question: 139

You create a bring your own database (BYOD) entity that includes four tables.

You need to configure change tracking for specific fields in the entity.

Which option should you enable?

- A. custom query
- B. entire entity
- C. entity export
- D. primary table

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/entity-change-track>

Question: 140

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Table of Contents pattern.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/table-of-contents-form-pattern>

Question: 141

You are training a new Dynamics 365 Finance developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations.

For which scenario should you recommend asynchronous integration?

A. A warehouse wants to track movement of all inventory from scanners to the system.

B. A retailer wants to ensure gift card balances are communicated back to the system from point of sale (POS) terminals in near real-time.

- C. A retailer requires all new customer data captured at point of sale (POS) terminals through the day sent back to the system.
- D. When products are updated in Finance and Operations, a third-party application that contains the same product information needs to also be updated in near real-time.

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview#synchronous-vs-asynchronous-integration-patterns>

Question: 142

You use the performance timer to monitor and optimize Dynamics 365 performance.

You need to view information about how many users are currently using the application.

Which performance counter should you use?

- A. Services Session Provider
- B. Web Client Session
- C. Forms
- D. GC

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/performance-timer>

Question: 143

DRAG DROP

A company uses Dynamics 365 Supply Chain Management. You need to monitor system performance.

Which tool should you use? To answer, drag the appropriate tools to the correct requirements. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Tools	Answer Area	
Activity monitoring	Requirement	Tool
SQL insights	Determine what a user was doing during a specific } time period	Tool
Health metrics	View a list of transaction locks	Tool

Explanation:

Answer:

Requirement

Determine what a user was doing during a specific time period

Identify the number of distinct user sessions

View a list of transaction locks

Tool

Activity monitoring

Activity monitoring

SQL insights

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/monitoring-diagnostics>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/performance-troubleshooting>

Question: 144

You are a Dynamics 365 Finance developer. You make changes to an existing custom class.

The code comparison tool shows version conflicts between your version and the latest checked-in version of the custom class.

In Visual Studio, you open the Source Control Explorer. You locate the latest changeset for the class and you open the changeset in Team Explorer.

You need to compare the latest code that is in source control with the code that you created.

Which option should you use?

- A. Compare with Workspace Version
- B. Compare with Previous Version
- C. View History
- D. Compare with Latest Version

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/tfvc/compare-files?view=azure-devops>

Question: 145

DRAG DROP

A company implements Dynamics 365 finance and operations apps.

You are developing code to consume OData service endpoints. You complete the application registration process and gather the details required to create a C# console application.

You need to ensure that the console application interacts with Dynamics 365 Finance OData services.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

Add the custom OData service endpoints in the ODataClient list.

Add the OData v4 client code generator.

Point the MetadataDocumentUri variable to the Dynamics 365 Finance instance.

Generate proxy classes.



Answer:

Explanation:

Add the OData v4 client code generator

Add the custom OData service endpoints in the ODataClient list

Generate proxy classes

Point the MetadataDocumentUri variable to the Dynamics 365 Finance instance

Step 1: Add the OData v4 client code generator

Install OData Client Code Generator

Step 2: Add the custom OData service endpoints to the ODataClient list

After you downloaded, installed the OData V4 Client Code Generator and restart the Visual Studio you will be able to find and add 'OData Client' item into our project.

Step 3: Generate proxy classes

Step 4: Point the MetadataDocumentUri variable to the Dynamics 365 Finance instance

You need to set MetadataDocumentURI, which is generated by the OData Code Generator.

Reference:

<https://devblogs.microsoft.com/odata/tutorial-sample-how-to-use-odata-client-code-generator-to-generate-client-side-proxy-class/>

<https://www.netwoven.com/2018/05/29/how-to-create-client-side-odata-proxy-dll-for-microsoft-dynamics-365-for-finance-and-operations-ax/>

Question: 146 HOTSPOT

A company is implementing Dynamics 365 Finance. Vendors receive a risk rating that is determined by their on-time delivery performance as well as their credit rating.

You need to implement the following risk rating functionality:

The risk rating must accompany the credit rating when the credit rating is used.

The risk rating must be able to be used in other areas of the solution to determine processing OUTCOMES.

The risk rating must consist of the following values:

1 = Good

2 = Medium

3 = Risky

The risk rating must be displayed in the Miscellaneous Details tab below the Credit Rating and Credit Limit fields in the Vendor form.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement

Action

Create values for the risk ratings.

	▼
Create a composite entity.	
Create a new enum base data type.	
Create a new enum extension.	
Create an option set.	

Create the risk rating field.

	▼
Create a table extension.	
Create an aggregate data entity.	
Create an enum extension.	

Ensure that credit limit and risk rating are always used together.

	▼
Use a field group	
Use a relationship.	
Use an index.	

Answer:

Explanation:

Requirement

Action

Create values for the risk ratings.

	▼
Create a composite entity.	
Create a new enum base data type.	
Create a new enum extension.	
Create an option set.	

Create the risk rating field.

	▼
Create a table extension.	
Create an aggregate data entity.	
Create an enum extension.	

Ensure that credit limit and risk rating are always used together.

	▼
Use a field group	
Use a relationship.	
Use an index.	

Box 1: Create a new enum base data type.

An enum is a list of literals.

Box 2: Create a table extension

After base enums and EDTs are created, they are usually added to a table to enable data capture.

Box 3: Use a field group

Field and Field Groups is the most common data entry subpattern and uses a dynamic number of columns to present multiple fields or groups of fields.

The group controls within this pattern can be used either to group fields under a label or to bind to a table field group.

Reference:

<https://docs.microsoft.com/en-us/learn/modules/build-edt-enums-finance-operations/>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/fields-field-groups-subpattern>

Question: 147

You are a Dynamics 365 Finance developer. You have the following Extended Data Types (EDTs):

Name	Comments
AccountBase	Root EDT
AccountId	Derives from AccountBase

You plan to modify the EDT properties by using an extension.

You need to determine which operations can be performed.

Which operation is possible?

- A. Create an extension for AccountBase and decrease the field size.
- B. Create a derived EDT for AccountBase and increase the field size.
- C. Create an extension for AccountId and increase the field size.
- D. Create an extension for AccountBase and modify the Form Help property.

Answer: D

Explanation:

Question: 148

You create a new class.

Class compilation must fail if a specific method in the source code is called.

You need to mark the class with the appropriate attribute.

Which attribute should you use?

- A. SysAppSecurityAttribute
- B. SysTestCategory
- C. SysObsoleteAttribute
- D. SysAttribute

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/overview-of-attribute-classes>

Question: 149

You have a cloud-based Dynamics 365 Finance production environment.
You need to access the data to create Microsoft Power BI reports for the business.

What should you use?

- A. Power BI embedded
- B. views
- C. aggregate dimensions
- D. data entities

Answer: A

Explanation:

Question: 150

A company uses Dynamics 365 Finance.

You need to migrate all custom report artifacts from a development environment to a cloud-hosted Tier-1 test environment that has Visual Studio installed.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Apply a deployment package
- B. Export the project as an axppfile
- C. Create a deployment package
- D. Import the project into a cloud-hosted environment from an axpp file and ensure that the Overwrite Elements option is selected

Answer: BD

Explanation:

Reference:

<https://community.dynamics.com/365/financeandoperations/b/howtodynamics365/posts/how-to->

import-and-export-project-in-dynamics-365

Question: 151

DRAG DROP

A company implements Dynamics 365 Finance and Dynamics 365 Supply Chain Management. Customers place orders from the company website store or through sales representatives. You create a Power Platform app to manage sales quotes for sales representatives who do not have direct access to the Finance and Supply Chain Management environment. The app must meet the following requirements:

Sales representatives must be able to create new customers.

Ensure that only approved products can be sold.

Be available when the sales representatives do not have internet access.

Web sales are imported nightly.

You need to determine a strategy to integrate apps.

What should you use? To answer, drag the appropriate options to the correct app features. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Options

Answer Area

Dual-write

App feature

Option

Virtual entity

New customers

Option

Composite entity

Approved products

Option

Web orders

Option

Explanation:

Answer:

App feature

Option

New customers

Dual-write

Approved products

Virtual entity

Web orders

Composite entity

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/dual-write/dual-write-overview>

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/virtual-entities/get-started-ve>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/develop-composite-data-entities>

Question: 152

HOTSPOT

A company plans to migrate purchase orders from an older system into Dynamics 365 Finance.

You need to generate field mapping between the source and the target data structures.

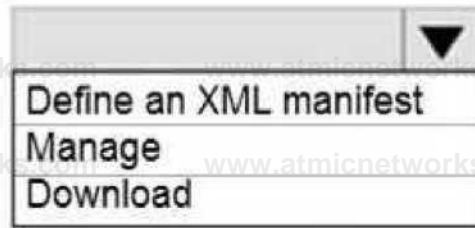
What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

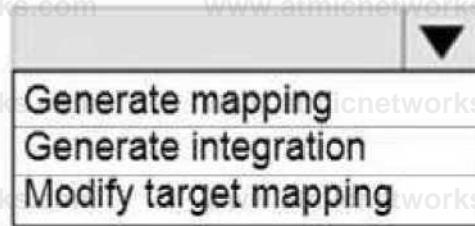
Create this type of project in the data management workspace:



Open the project and select:



Select this UI option:



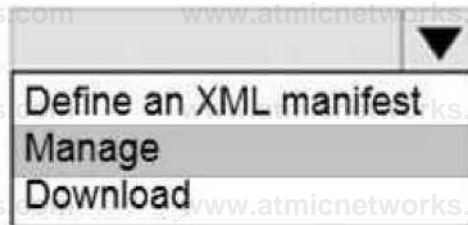
Answer:

Explanation:

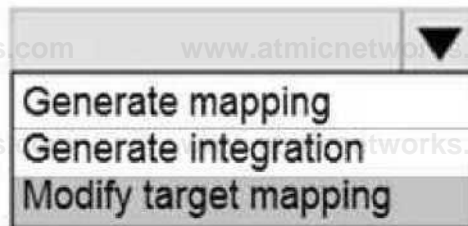
Create this type of project in the data management workspace:



Open the project and select:



Select this UI option:



Question: 153

DRAG DROP

A company uses Dynamics 365 Finance.
A user is unable to access the new Customer Credit Limit report.
You need to configure security for the report.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Add the duty extension to a role

Create a new privilege and duty extension

Add the new privilege to a duty extension
and output the menu item to the privilege

Add a display menu item to the privilege

Create a new security policy and duty extension



Answer Area

Answer:

Explanation:

Create a new privilege and duty extension

Add the new privilege to a duty extension and
output the menu item to the privilege

Add the duty extension to a role

Question: 154

An error message displays when a user tries to save an outgoing electronic reporting document. You need to ensure that the document format supports electronic reporting. Which three formats can you use? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

- A. OPENXML
- B. XML
- C. JSON
- D. Microsoft Excel workbook
- E. Microsoft Word document

Answer: B, C, E

Explanation:

Question: 155

A company uses Dynamics 365 Finance.

You are performing a code review for several segments of code that use the Boolean data type.

You need to validate the segments for the correct X++ structure.

Which two code statements will compile? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. `boolean exprValue; exprValue = (8*6 == 48) ? 1:0;`
- B. `boolean exprValue = (8*6 == '48') ? false:true;`
- C. `boolean exprValue = (8*6 == '4') ? Yes:No;`
- D. `boolean exprValue; exprValue = (8*6 == 48);`

Answer: A, D

Explanation:

Question: 156

A company uses Dynamics 365 Finance.

There are performance issues with the sales order list page and Invoicing process.

You need to diagnose the issues by using the Performance timer.

Which two processes can the Performance timer monitor? Each correct answer presents a complete solution

NOTE: Each correct selection is worth one point.

- A. the longest-running SQL statement
- B. the X ++ process call stack
- C. the metadata of a web session
- D. the time consumed by a client and a server

Answer: A, D

Explanation:

Question: 157

DRAG DROP

You need to integrate Dynamics 365 Finance with the following applications.

Application	Scenario	Real-time data required
Dynamics 365 Customer Service app	Sales representatives must be able to change the credit limit for customers by using the app	Yes
e-commerce website	Customers use the website to request information about product availability	Yes
on-premises mainframe system	The system generates sales orders. The sales orders must be imported daily into Dynamics 365 Finance.	No

Which integration patterns should you use? To answer, drag the appropriate patterns to the correct applications.

Each pattern may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Patterns

dual-write | custom service

batch data integration |

Answer Area

Dynamics 365 Customer Service app

e-commerce website

on-premises mainframe system

Application

Pattern

Answer:

Explanation:

Patterns

dual-write | custom service
batch data integration

Answer Area

Application

Dynamics 365 Customer Service app e
commerce website on premises
mainframe system

Pattern

dual-write
custom service
batch data integration

Question: 158

DRAG DROP

A company uses Dynamics 365 finance.

The company wants to create test cases by using the SysTest framework.

You need to select the appropriate TestTransactionMode option for each requirement

Which options should you use? To answer, drag the appropriate options to the correct requirements. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Options

- AutoRollback
- LegacyRollback
- LegacyRollbackWithUpdateTracking
- None

Answer Area

Requirement

Track and delete only insert statements.

Apply back transactions by using SQL save points.

Option

Answer:

Explanation:

Options

- AutoRollback
- LegacyRollback
- LegacyRollbackWithUpdateTracking
- None

Answer Area

Requirement

Track and delete only insert statements.

Apply back transactions by using SQL save points.

Option

Autototpack
LegacyRollbackWithUpdateTracking

Question: 159

HOTSPOT

You are using the Metadata search tool in Visual Studio.

You need to select the appropriate query string for various scenarios.

Which query string should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Scenario

Query string

Find tables that have method names that contain the word **insert**.

type:table.method name:insert
type:tables,method name:insert
type:table.method name:insert()
type:tables.method name:insert()

Find forms where the form name includes the phrase **ccount**.

type:forms like ccount
type:form like ccount
type:forms ccount
type:form ccount

Explanation:

Answer:

type:table,method name:insert

type:form ccount

<https://learn.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/metadata-search-visual-studio>

Question: 160

DRAG DROP

You are creating a new class and adding methods to the class.

You need to control extensibility capabilities of some of the methods in the class.

Which attribute should you use? To answer, drag the appropriate attributes to the correct requirements.

Each attribute may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Attribute	Answer Area
<input type="checkbox"/> [Hookable] [Wrappable] [Replaceable]	
<input type="checkbox"/> [Hookable] [Wrappable] [Replaceable]	
<input type="checkbox"/> [Hookable] [Wrappable] [Replaceable]	

Requirement	Attribute
Extenders must be able to subscribe to pre- and post-event handlers	<input type="text"/>
Extenders must not be able to use chain of command (CoC) to wrap a specific method.	<input type="text"/>
Extenders must be able to wrap the method but must not be required to call next in the chain of command (CoC).	<input type="text"/>

Answer:

Explanation:

Attributes	Answer Area
<input type="checkbox"/> [Hookable] [Wrappable] [Replaceable]	
<input type="checkbox"/> [Hookable] [Wrappable] [Replaceable]	
<input type="checkbox"/> [Hookable] [Wrappable] [Replaceable]	

Requirement	Attribute
Extenders must be able to subscribe to pre- and post-event handlers. (Hookable)	<input type="text"/>
Extenders must not be able to use chain of command (CoC) to wrap a specific method. (Wrappable)	<input type="text"/>
Extenders must be able to wrap the method but must not be required to call next in the chain of command (CoC). (Replaceable)	<input type="text"/>

Question: 161

DRAG DROP

A company uses Dynamics 365 Supply Chain Management.

You are developing multiple integrations.

You need to select the appropriate integration models for the integrations.

Which integration model should you select? To answer, drag the appropriate data integration models to the correct requirements. Each data integration model may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Data integration models	Answer Area
<input type="checkbox"/> Lake Integration	
<input type="checkbox"/> Dual-way	
<input type="checkbox"/> OData	

Requirement	Data integration model
Users must be able to view changes in near real time in Dynamics 365 when they create or make changes to a product in an external system.	<input type="text"/>
Update and synchronize customer information in Dynamics 365 Supply Chain Management that is created or updated in Dynamics 365 Sales.	<input type="text"/>
Share information about the on-hand quantity of products in near real time with an external web-based e-commerce application that supports the SOAP protocol.	<input type="text"/>

Answer:

Explanation:

Data Integration models	Answer Area	Requirement	Data integration model
Custom service	Azure Data Lake integration	Users must be able to view changes in near real time in Dynamics 365 when they create or make changes to a product in an external system.	
Dual-write	OData	Update and synchronize customer information in Dynamics 365 Supply Chain Management that is created or updated in Dynamics 365 Sales.	
		Share information about the on-hand quantity of products in near real time Q ^A with an external web-based e-commerce application that supports the SOAP protocol.	

Question: 162

DRAG DROP

A company uses Dynamics 365 Finance.

You create the following tables.

Table	Requirement
TableA	Delete related data from other tables when data is deleted from TableA.
TableB	Prevent deletion of data from TableB if related data exists in another table
TableC	Delete data if specific conditions are met.

You need to configure the system to meet the requirements.

Which delete actions should you use? To answer, drag the appropriate delete action types to the correct scenarios. Each delete action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

(Delete actions)

Answer Area

- Cascade
- Restricted
- Cascade* Restricted

- Table
- TableA
- TableB
- TableC

Delete action

Answer:

Explanation:

Delete actions

Answer Area

- Cascade
- Restricted
- Cascade* Restricted

- Table
- TableA
- TableB
- TableC

- Delete action
- cascade
- Restricted
- Cascade* Restricted

Question: 163

You develop apps for Dynamics 365 Supply Chain Management.

You need to track changes only for sales header information by using data entities.

Which change tracking option should you use?

- A. Enable primary table
- B. Disable change tracking
- C. Enable entire entity
- D. Enable custom query

Answer: D

Explanation:

Question: 164

DRAG DROP

A company uses Dynamics 365 Finance.

You implement the unit test framework. You must automate the testing for previously developed functionality.

You need to create unit tests in Visual Studio.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation:

Actions

Add A Runnable class to the project.
Open Visual Studio as an administrator
Add an extension to the project.

Answer area

111 Open Visual Studio as an administrator
121 Create a new project.

11 Add a new class to the project
4 1 Extend the SysTestCate Asui in The dost declaration
5 1 Add methods to the class and decorate the methods with the (SysTestMethod) attribute.

Question: 165

A developer submits code for a quality assurance review. Several lines of code use the var data type.

You need to validate the segments for the correct X++ structure.

Which code statement will pass validation?

- A. `var var1 = systemDateGet (); var1 = var1 ? today(); "No today";`
- B. `var var1 = true ? 10:"10"`
- C. `var var1 = true; var1 = true ? 10:false;`
- D. `var var1 = (var1 >= false) ? true :10;`

Answer: A

Explanation:

Question: 166

You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.

You need to modify the table properties by extending the table.

Which table property can you populate in a table extension by using the property sheet?

- A. Created by
- B. Table group
- C. Configuration key

D. Cache lookup

Answer: A

Explanation:

Question: 167

You are a Dynamics 365 Finance developer. You have the following Extended Data Types (EDTs):

Name	Comments
AccountBase	Root EDT
AccountId	Derives from AccountBase

You plan to modify the properties of the EDTs by using an extension. You need to determine which operations can be performed. Which operation is possible?

- A. Create an extension for AccountId and decrease the field size.
- B. Create an extension for AccountBase and modify the Form Help property.
- C. Create a derived EDT for AccountId and increase the field size.
- D. Create a derived EDT for AccountBase and increase the field size.

Answer: B

Explanation:

Question: 168

DRAG DROP

A company uses Dynamics 365 Finance.

You must create two data entities:

- The first entity must allow access to customer groups by using OData.
- The second entity must be able to bulk export customer data by using a batch process.

You need to enable the properties for each entity you create.

Which properties should you enable? To answer, drag the appropriate properties to the correct requirements. Each property may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



Question: 169

A company uses Dynamics 365 Finance.

Two processes attempt to update the same customer record at the same time. One of the updates fails.

You need to resolve the issue by overriding the table concurrency model.

Which Select statement should you use?

- A. `select firstonly optimisticLock custTable where custTable.AccountNum -- "@eoeei'j`
- B. `select firstonly forupdate CustTable where CustTable.AccountNum '000001*';`
- C. `select firstonly pessimisticlock custTable where CustTable. AccountNum -- '000001*';`
- D. `select firstonly firstFest custTable where custTable.AccountNum -- '000001';`

Answer: C

Explanation:

Question: 170

DRAG DROP

A company uses Dynamics 365 Finance.

You must use QueryBuilder classes to implement a query that loops through all customers for whom the customer group equals EXT. You need to implement the query. You declare and initialize a query Object.

You need to run the query.

in which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- 1. Declare a QueryBuildRange object and add a range for the CustGroup field on the QueryBuildDataSource.
- 2. Declare a QueryBuildDataSource object. Call the addDataSource method on the query object and assign it to the QueryBuildDataSource by using CustTable.
- 3. Add a value to range for the CustGroup EXT to the QueryBuildRange object.
- 4. Loop through the QueryRun object by using the Next method.
- 5. Declare and initialize the QueryRun object by using the query object.

Answer area

Answer:

Explanation:

Actions

- 1. Declare a QueryBuildRange object and add a range for the CustGroup field on the QueryBuildDataSource.

Answer area

1. Declare a QueryBuildDataSource object. Call the addDataSource method on the query object and assign it to the QueryBuildDataSource by using CustTable.
2. Add a value to range for the CustGroup EXT to the QueryBuildRange object.
3. Loop through the QueryRun object by using the Next method.
4. Declare and initialize the QueryRun object by using the query object.

Question: 171

A company uses Dynamics 365 Finance.

You implement an extension of a method named calc in Class

A) The calc method:

- Accepts an integer as an input parameter.
- Returns an integer as an output parameter.

You must implement an extension to:

- Extend the calc method.
- Prevent the standard code from running if the value of the input parameter is greater than 10.

You need to implement the correct solution. Which code segment should you use?

A)

```
public int calc(int .value)

    if (.value > 10)
        throw error("The value cannot be greater than 10.");

    int ret * next «lc(_v«lue); return rets
```

B)

```
public int calc(int .value)

    if (.value > 10)
        throw error("The value cannot be greater than 10.");
```

C)

```
public int calc(int value)

    int ret * next calc(.value); if (.value > 10)
        throw error("The value cannot be greater than 10.");

    return ret;
```

D)

```
public int calc(int .value)
{
    int ret;
    if (.value <= 10)
    {
        ret * next ealc(.value);
    }
    return ret;
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: C

Explanation:

Question: 172

A company uses Dynamics 365 Finance.

You have an entity named Vend Vend orV2 Entity. You add a new column to the entity. You need to ensure that the new column is available in the entity for data transfer activity. Which two actions should you perform? Each correct answer presents part of the solution. NOTE; Each correct selection is worth one point.

- A. Select the Modify target mapping button on the Entity list page.
- B. Select the Generate mapping button on the Mapping details form.
- C. Select the Entity structure button on the Entity page.
- D. Select the Validate button on the Entity list page.

Answer: B, D

Explanation:

Question: 173

HOTSPOT

You are a Dynamics 365 Finance developer.

You have the following source control branches:

Branch	Associated environment
Dev	Development
Main	Test

You need to move the list of changesets from the development environment to the test environment.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

The screenshot shows a merge operation interface with three dropdown menus. The first dropdown is labeled 'Select a starting branch for the merge operation.' and has 'Dev' selected. The second dropdown is labeled 'Select the source branch.' and has 'Main' selected. The third dropdown is labeled 'Select the destination branch.' and has 'Main' selected.

Answer:

Explanation:

Answer Area

The screenshot shows the same merge operation interface as above, but with selections. The first dropdown is labeled 'Select a starting branch for the merge operation' and has 'Dev' selected. The second dropdown is labeled 'Select the source branch' and has 'Main' selected. The third dropdown is labeled 'Select the destination branch.' and has 'Main' selected.

Question: 174

HOTSPOT

A company wants to Integrate Dynamics 365 Finance with third-party applications.

You need to select integration patterns for various scenarios.

Which integration patterns should you use? To answer, select the appropriate options In the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Scenario

Data integration API

A customer calls customer support and asks to change their address information in real time.

OData service endpoints
Batch data API
Customwebservice

A company receives a large volume of purchase orders from a front-end system that runs on premises The orders must periodically be sent to Dynamics 365 Finance for processing and management

Batch data API
Custom web set vice OData service endpoints

A company defines and configures products by using a third party application that is hosted on-premises This company wants to move the information from the on-premises application to Dynamics 365 Finance in real time.

Custom web service
Batch data API
OData service endpoints

Answer

Explanation:

Answer Area

Scenario

Data integration API

A customer calls customer support and asks to change their address information in real time.

OData service endpoints

A company receives a large volume of purchase orders from a front-end system that runs on-premises The orders must periodically be sent to Dynamics 365 Finance for processing and management

Batch data API

A company defines and configures products by using a third party application that is hosted on-premises This company wants to move the information from the on-premises application to Dynamics 365 Finance in real time.

Custom web service

Question: 175

HOTSPOT

You are a Dynamics 365 Finance developer. You have The following code:

```

01 class TestQuestion
02 {
03     public static void main(string[] args)
04     {
05         TestQuestion testQuestion = new TestQuestion();
06         testQuestion.Run();
07     }
08     public void Run()
09     {
10         TestFormVirtual tFV = new TestFormVirtual();
11         string salesId;
12         int salesQty;
13         TestFormVirtual tFV = new TestFormVirtual("SID1234");
14         salesQty = 5;
15         this.UpdateValues(tFV, salesQty);
16         Info(tFV.Id);
17         Info(salesQty);
18     }
19     public void UpdateValues(TestFormVirtual tFV, string salesQty)
20     {
21         TestFormVirtual tFV = tFV;
22         int salesQty = int.Parse(salesQty);
23         tFV.Id = "SID1234-Update-";
24         salesQty = 10;

```

Which values does the info() method return? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Parameter	Value
	SID1234
	SID1234
	SID1234-Updated
	SID1234 SID1234-Updated

5
5
10
15

Answer

Explanation:

Answer Area

Parameter	Value
tmpFirmVirtual.Id	SID1234
salesQty	5

Question: 176
HOTSPOT

You are implementing record-level security by using Extensible Data Security (XDS) in Dynamics 365 Finance.

Users must be permitted to view sales orders only from customers they manage.

You need to configure the CustGroup form.

Which options should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Option
Restrict CustGroup to a value of 12.	Simple query Composite query Simple query
Evaluate whether a policy should be applied	Context string Constraint table Context string Primary table Constraint table Constraint table
Set a policy to secure a primary table.	Context string Primary table Context string Primary table Constraint table Role Name
Set a policy for a specific user role.	RoleName RoleProperty

Answer:

Explanation:

Answer Area

Requirement	Option
Restrict CustGroup to a value of 12	Simple query
Evaluate whether a policy should be applied	Context string
Set a policy to secure a primary table.	Constraint table
Set a policy for a specific user role.	Role Name

Question: 177

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demo Extensions model.

Solution: Navigate to the user interface forms node for the SalesTable form and modify the form.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 178

HOTSPOT

You develop a customization for Dynamics 365 Supply Chain Management.

You need to optimize performance for this customization.

Which concurrency control options should you implement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Lock records as soon as they are retrieved from a data source

Optimistic

Pessimistic

Minimize the resources that are used to lock records during updates

Optimistic

Pessimistic

Answer:

Explanation:

Pessimistic and Optimistic

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the is Extensible property to false for the CarType enumeration. Create a new enumeration to add the MUV element.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 179

You create an extension of ProjTable.

You need to configure the extension.

Which three table properties can you modify in the extension? Each correct answer presents a complete solution.

NOTE; Each correct selection is worth one point.

- A. Label
- B. Preview Part Ref
- C. Form Ref
- D. Modified Date Time
- E. TitleField!

Answer: B, C, D

Explanation:

Question: 180

DRAG DROP

A banking company is creating custom functionality to consolidate and post financial transactions. You need to create menu items for the following business processes:

- Process1 - Automatically check new transactions against validation rules every hour.
- Process2 - Manually review and correct transactions that have errors. No preprocessing is done.
- Process3 - Export transactions to another system when they successfully post.

You need to select the menu item type for each process.

Which menu item types should you use? To answer, drag the appropriate menu item types to the correct processes. Each menu item type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Menu item types

Action

Display

Output

Answer Area

Process

Process 1

Process?

Process?

Menu item type



Answer

Explanation:

Menu item types

Action

Display

Output

Answer Area

Process

Process 1

Process?

Process?

Menu item type

Action

Display

Output

Question: 181

DRAG DROP

A company has a cloud-based installation of Dynamics 365 Finance. The company also has Dynamics 365 Sales and Customer Service systems.

The company implements an analytical reports solution.

You need to select the applicable storage feature for each requirement.

Which storage feature should you use to meet each requirement? To answer, drag the appropriate storage options to the correct requirements. Each storage option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Storage types Area	Answer	Requirement	Storage
Bring your own database _____		import data from various systems into one reporting database and extend tables.	<input type="text"/>
		Develop and extend Power BI reports and publish automatically through the application deployment lifecycle.	

Answer:

Explanation:

Storage types Area	Answer	Requirement	Storage
Bring your own database _____		Import data from various systems into one reporting database and extend tables.	Bring your own database
		Develop and extend Power BI reports and publish automatically through the application deployment lifecycle.	Entity store

Question: 182

HOTSPOT

A company uses Dynamics 365 Finance and Dynamics 365 Supply Chain Management. The company wants to use new functionality that relates to purchase requisitions.

You need to promote the new functionality to a test environment.

What should you do? To answer select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement

Export the functionality from the current environment.

Action

- Export the model from the Application Object Tree (AOT).
- Create a deployment package from the model.
- Create an extension as a managed solution.
- Export the model from the Application Object Tree (AOT).
- Export the project and create an .axpp file.
- Apply the update to the environment in Lifecycle Services.
- Apply the update to the environment in Lifecycle Services.
- Import the extension as a managed solution.
- Import the extension to Azure Data Lake.
- Upload the extension into the Lifecycle Services Asset library.

Import the functionality into the test environment.

Answer

Explanation:

Answer Area

Requirement

Export the functionality from the current environment.
Import the functionality into the test environment.

Action

Export the model from the Application Object Tree (AOT).
Apply the update to the environment in Lifecycle Services.

Question: 183

DRAG DROP

A company uses Dynamics 365 Finance.

You create a new extension for a standard table.

You need to add a new method in the extension.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Set the class as internal.
- Create a new project in Visual Studio.
- Add a new class to the Visual Studio project with the .Extension suffix.
- Set the class as final.
- Decorate the class with the [ExtensionOf(tableStr(TableName))2] attribute.
- Add a new method to the class and implement it.

Answer area



Answer:

Explanation:

Actions

Set the class as internal.

Answer area

- 1 Create a new project in Visual Studio.
- 2 Add a new class to the Visual Studio project with the .Extension suffix.
- 3 Set the class as final.
- 4 Decorate the class with the (ExtensionOf(tableStr(TableName))M attribute.
- 5 Add a new method to the class and implement it

Question: 184

DRAG DROP

You create a Power Apps app to display customer feedback.

You need to submit and display customer feedback for each sales order.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Navigate to the Sales order form.
- Personalize the page.
- Configure and embed the app.
- Refresh the browser.

Answer area

- 1
- 2
- 3
- 4

Answer:

Explanation:

Actions

Navigate to the Sales order form.

Personalize the page.

Configure and embed the app.

Refresh the browser.

Answer area

1 Navigate to the Sales order form.

2 Personalize the page.

3 Configure and embed the app.

4 Refresh the browser.

Question: 185

A company uses Dynamics 365 Finance. You are customizing elements for the extended data types (EDTs) shown in the following table.

EDT name	Comment
CalendarID	root EDT
CalendarName	root EDT

BasicCalendarID	derives from CalendarID
-----------------	-------------------------

You have a Table named WorkCalendar. The table has a column named BasicCalendarID that uses the BasicCalendarID EDT. You need to increase the length of the column by using an extension. Solution: Create a derived EDT for CalendarName. Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 186

A company uses Dynamics 365 Finance. You are customizing elements for the extended data types (EDTs) shown in the following table.

EDT name	Comment
CalendarID	root EDT
CalendarName	root EDT
BasicCalendarID	derives from CalendarID

You have a Table named WorkCalendar. The table has a column named BasicCalendarID that uses the BasicCalendarID EDT. You need to increase the length of the column by using an extension.

Solution: Create an extension for CalendarID.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Question: 187

A company uses Dynamics 365 Finance. You are customizing elements for the extended data types (EDTs) shown in the following table.

EDT name	Comment
CalendarID	root EDT
CalendarName	root EDT
BasicCalendarID	derives from CalendarID

You have a Table named WorkCalendar. The table has a column named BasicCalendarID that uses the BasicCalendarID EDT. You need to increase the length of the column by using an extension.

Solution: Create a derived EDT for BasicCalendarID.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 188

DRAG DROP

A business needs a free-text field on the All customers form to enter notes about shipment requests. The field must allow users to enter a large number of characters.

You need to create a new extended data type (EDT) for the form.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

- Create a new EDT type of AnyType.
- Create a new EDT type of string.
- Change the length property on the new EDT to Note.
- Extend the All customers form and add the new EDT field.
- Add the new field to the CustTable.

Answer area

-
-
-
-

Answer:

Explanation:

Actions

- Create a new EDT type of AnyType.

Answer area

- Create a new EDT type of string.
- Change the length property on the new EDT to Note.
- Extend the All customers form and add the new EDT field.
- Add the new field to the CustTable.

Question: 189

You are a Dynamics 365 finance developer.

You create an integer variable named `inventQuantity`.

You need to display the value from `inventQuantity` in an info statement

Which code segment should you use?

- A. info(inventQuntlty);
- B. info{*trlen(int2str<inve<tQu<<tity));
- C. info(int2str{inventQi.<ntity));

Answer: C

Explanation:

Question: 190

DRAG DROP

You are working on a project in Dynamics 365 Finance

You use abstract and interface classes to implement the following requirements 'or the project

- Child classes must have common private and public methods.
- All methods must be implemented in the child classes.

Answer:

Explanation:

Class type

Answer Area

Abstract

Interface

Public class

Final class

Requirement

Class type

Ensure that child classes have common private and public methods

Implement all methods in the child classes

Implement the methods of the parent class.

* You must be able to implement the methods of the parent class.

You need to select the type of class to use for each requirement.

Which class types should you use? To answer, drag the appropriate class types to the correct requirements.

Each class type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Class types

- Abstract
- Interface
- Public class
- Final class

Answer Area

Requirement

Class type

Ensure that child classes have common | Abstract private ana public methods.
Implement all methods m the child classes Interface
Implement the methods of the parent class, Abstract

Question: 191

You create a custom payroll form.

You must ensure that only the finance manager can view the form.

You need to set up security for the form.

Which three actions should you perform? Each correct answer presents pan of the solution.

NOTE; Each correct selection is worth one point.

- A. Add the menu item of the form to the entry point of a new privilege.
- B. Add the duty to the security role for finance managers.
- C. Add the privilege to a new security policy.
- D. Add the privilege to a new duty.
- E. Add the duty to the security role of system users.

Answer: A, B, D

Explanation:

Question: 192

You create a new interface class in Dynamics 365 Finance. The class has two methods. You need to create a valid interlace class.

Which two actions should you perform? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Declare the class and all Its methods as public.
- B. Implement only some methods in the classes that implement the interface.
- C. Implement the class as abstract
- D. Declare all methods in the classes that implement the interface.

Answer: A, D

Explanation:

Question: 193

HOTSPOT

A company is implementing Dynamics 365 Supply Chain Management

The company must import initial business document management templates to act as a start for future business documents. The templates must be configured to work with print management.

No templates or configurations have been set up for the implementation.

You need to select and configure templates for printing.

Which solution components should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement

View the latest officially published report format configurations.

Solution component

Electronic reporting

Lifecycle Services

Data management framework Dynamics 365 Supply Chain Management

Scope Business event Message queue

Configure the business document template to allow for printing.

Answer:

Explanation:

Answer Area

Requirement

View the latest officially published report format configurations Configure the business document template to allow for printing

Solution component

Electronic reporting

Tag

Question: 194

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must create a new attribute class in which to mark other classes in the ISV solution and their respective methods with the error levels Warning and Error. You have the following class: the numbers are included for reference only.)

```

02 public class Vehicle
03 {
04     public int GetMileage() { return 0; }
05 }
06
07 public int GetMileage() { return 0; }
08
09     public int GetMileage() { return 0; }
10     public int GetMileage() { return 0; }
11     public int GetMileage() { return 0; }

```

You need to ensure that the compiler will report an error if code calls the bike method.

Solution:

Create the following attribute class:

```
public class : i_l_r- ■■■...^ extends SysAtribute

    Errortcarning errorWarningEnun;
    Str explanation;
    public void neM(Crror5Mrnlng _errorWarningEnu», st' -explanation)

    supe-f);
    erroHarnlntnua • _eerror^arningEnu«;
    explanation • -explanation;
```

Insert the following code at line 04:

```
[SytObioleteatrributei'Deprecatad uleait ui« the bicycle clan instead.", false)]
```

Does The solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 195

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must create a new attribute class in which to mark other classes in the ISV solution and their respective methods with the error levels Warning and Error. You have the following class: (Une numbers are included for

reference only.)

```
#1
0J public class Vehicle
83 ( IM
0s public let bive()
06 (
05 }
07 public let autcaibile() 04 {
0? }
10 public let Bicyclelei)
« < « }
IS }
```

You need to ensure that the compiler will report an error if code calls the bike method.

Solution:

Create the following attribute class:

```
public class i5Wi 'olete^i'«t<<' extends SysAttribute
```

```
    ErrorWarning errorWarning;
    str explanation;
    public void newWarning(_errorWarning, str _explanation);
    errors,arningfrom * _errorWarningEnum;
    explanation * -.explanation;
```

Insert the following code at line 01:

```
[SVObsoleteAttrltuxe(frrowarnl^g::warnings "This class *111 te deprecated if* future '(least, please use the Transportation class Instead.')] insen the following code
```

```
at line 04'
[ I SVOHolete Attribute (ErrorWeminf:jError, "Deprecated ^lease use rhe Bicycle instead.')
```

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Question: 196

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must create a new attribute class in which to mark other classes in the ISV solution and their respective methods with the error levels Warning and Error. You have the following class: (The numbers are included for reference only.)

```
01 public class Vehicle
    « ( M
    £5 public _rt bike()
    * (
    « }
    97 public lot outcMiobileO
    * { « } 10 public int bicycleIj
    U (
    ii }
    13 }
```

You need to ensure that the compiler will report an error if code calls the bike method.

Solution:

Create the following attribute class:

```
public class VehicleAttribute : System.Attribute
{
    private string errorWarningEnum;
    private string explanation;

    public VehicleAttribute(string errorWarningEnum, string explanation)
    {
        errorWarningEnum = errorWarningEnum;
        explanation = explanation;
    }
}
```

Insert the following code at line 04:

```
[System.ComponentModel.EditorBrowsable(EditorBrowsableState.Never)]
```

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 197

HOTSPOT

You have the following code:

```
using System;
using System.Data;
using System.Data.SqlClient;
using System.Data.SqlServerReporting;
using System.Security;

[SystemEntryPointAttribute]
class CashDiscountDP extends SSRSReportDataProvider
{
    CashDiscountTap osWiscourrtTnp;
    [ ..... *,-] -- *,-; &f s;nDijcQunV»P > I ]
    publi: CashDiscooitTap petCashDiscoantTiap t'
    {
        select cashDiSCpuntTinp;
        e'u cashDiscounttnp;
    }
    public L;o1«e' proce>s>«pc't()

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statement

Yes

No

You can use the class as an entry point for a security privilege.

The class allows SQL Server Reporting Services to retrieve data for the report

processReporto has the correct method signature

Answer:

Answer Area

Statement

Yet No

You can use the class as an entry point for a security privilege.
The class allows SIX Server Reporting Services to retrieve data for the report
processReport() has the correct method signature

Question: 198

DRAG DROP

An error occurs when an employee creates a new workflow using a custom approval element to track the status of a document.

You need to ensure that the workflow is created correctly.

in which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Create a workflow structure.
- Configure the business process steps.
- Develop the workflow approval component.
- Enable the workflow for the business scenario.

Answer area

1
2
3
4

Navigation arrows: right, left, up, down

Answer:

Explanation:

Actions

- | | |
|---|--|
| 1 | Create a workflow structure. |
| 2 | Configure the business process steps. |
| 3 | Develop the workflow approval component. |
| 4 | Enable the workflow for the business scenario. |

Question: 199

DRAG DROP

A company uses Dynamics 365 Finance.

The company needs to Hack deletions of purchase order header records only.

You need to enable the change tracking.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Select the Enable entire entity option
- Select the data entity list page from the Data management workspace and then select Change tracking
- Select Configure entity export to database from the Data management workspace.
- Select the database to export data to and then select Publish.
- Select the published entity and then select Change tracking
- Select the Enable primary table option.

Answer area

-
-
-
-

Answer:

Explanation:

Actions

- Select the Enable entire entity option.
- Select the data entity list page from the Data management workspace and then select Change tracking.

Answer area

- 1 Select **Configure entity export to database** from the Data management workspace.
- 2 Select the database to export data to and then select Publish.
- 3 Select the published entity and then select Change tracking.
- 4 Select the Enable primary table option.

Question: 200

A company is implementing Dynamics 365 Finance.

You implement a risk rating for vendors. The risk rating is on the Vendor form.

The rating is determined by a vendor's on-time delivery performance as well as their credit rating. The risk rating consists of the following values:

1 = Good

2 = Medium

3 = Risky

The company plans to implement purchase requisitions. The company wants to prevent purchase orders from being confirmed when a vendor's risk rating is set to Risky. You need to implement the functionality. What should you do?

- A. Create a method for the OnModified event of the vendor account.
- B. Create a Cham of Command (CoC) class extension.
- C. Create a new business event.
- D. Create a method 'or the OnInitializing event of the form.

Answer:
B

Explanation:

Question:
201

A company has a cloud-based installation of Dynamics 365 Finance.

A user reports slow response times in the application when accessing the production environment.

You need to diagnose the performance issue by using the Environment monitoring tool.

Which two features of the Environment monitoring tool should you use?

NOTE: Each correct answer presents part of the solution.

- A. Customization analysis
- B. System diagnostics
- C. SQL insights
- D. Health metrics
- E. Availability monitoring

Answer: C.
D

Explanation:

Question: 202

DRAG DROP

A company uses Dynamics 365 Finance.

The company requires extended data types (EDTs) that meet the following requirements:

- The new EDTs must use primitive base types without extending other EDTs.
- One type must track the day that the user receives goods in the warehouse.
- One type must track the quantity of items that the user receives.

You need to create the EDTs.

Which EDT types should you use? To answer, drag the appropriate types to the correct requirements. Each type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Type*

Date
Int
TransDate
Integer

Answer Area

Requirement
Track the day
Track the quantity

Answer:

Explanation:

Types

Date
Int
TransDate

Answer Area

Requirement	Type
Track the day	Date
Track the quantity	integer

Question: 203

DRAG DROP

A company uses Dynamics 365 Finance.

You implement the SysOperation framework to create the following batch processes.

Batch process	Description and requirements
1	Tins process is lengthy Users must be able to continue working while the process runs The process must complete successfully
2	This is a short process The process is permitted to block the work of a user while the process runs
3	This is a process that must run every night of each workday.

You need to configure the execution mode for each batch process.

Which execution modes should you use? To answer, drag the appropriate execution modes to the correct requirements. Each execution mode may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Execution modes

reliable asynchronous

synchronous

asynchronous

Answer Area

Requirement

Execution mode

Lengthy operation

Short operation

Runs on a recurring schedule

Answer:

Explanation:

Execution modes

reliable asynchronous

synchronous

asynchronous

Answer Area

Requirement

Execution mode

Lengthy operation

reliable asynchronous synchronous

Short operation

asynchronous

Runs on a recurring schedule

Question: 204

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen.

You must extend the class SaleslineType and add a new method that returns the day of week for the system's current date as an integer value

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

```
[* - ' (fl* ' (SilesilniTyfi))
  *y$»I«*lin«Typ«_Ert«n»ion

... * • ENtenilOnM*thO<K)*y0fMMk()
  return MyOfM<(eysteMD*te4et0);
}
```

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 205

An organization has 1,000 vendors that are part of a vendor group named Employee. You have a field named DivTerm that is used to describe the delivery terms for a vendor.

You need to set the value of DivTerm to Cash for all vendors in the vendor group. You must update all vendor records in the vendor group as a single bulk operation.

Which two code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

```
ttsbegin;
update 'cordit', vendTable
setting DivTerm = 'Cash'
...here VendTable.VendGroup ■■ 'Employee'; ttscommit;

VsnoTable v;
var vo • new SysDaUpdateObject (v);
vo.settingClausef)
.add(fieldStr(VendTable, DivTerm), new SysDaValuebpression ("Cash"));
```

```

vo.whereClause (net. SysDaEqualsExpression(
new SysDaFieldExpression(v, fieldStrVendTable, VendGroup)), new SysDaValueExpression("Employee"));
tt5begin;
new SysDaUpdateStatement().execute(vo);
ttscMwIt;

VendTable v;
var vo ** new SysDaUpdateObject (V);
vo.settingclause()
.add(fieldStr(VendTable, DivTerm), new SysDaValueExpression("Cash"));
vo.whereClause(new SysDaEqualsExpression(
new SysDaFieldExpression (v, fieldstr(VendTable, VendGroup)),
new SysDaValueExpression("Employee")));
tt5begin;
new SysDaUpdateStatement() update(vo);
ttscmmit;

D. tt5begin; while select forupdate VendTable ..-ere VendTable.VendGroup ■■ 'Employee' ( VendTable.DivTerm ■ 'Cash'; VendTable.updatef);
ttscowmit;

```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: AD

Explanation:

Question: 206

DRAG DROP

A company uses Dynamics 365 Finance. The company creates an asset library.

You need to upload assets for a solution to the asset library.

Which asset types should you use? To answer, drag the appropriate asset types to the correct activities. Each asset type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Asset type

GER configuration

Localized financial report

Marketing asset

Retail SDK

Answer Area

Activity Asset type

Upload a logo of various sizes to be used in other environments.

Upload an electronic report to be used for a free text invoice in Dynamics 365 Finance.

Upload a region-specific solution developed for a ledger account in the form of an iSV.

Answer:

Explanation:

Asset type

GER configuration

Localized financial report

Marketing asset

Retail SDK

Answer Area

Activity Asset type

Upload a logo of various sizes to be used in other environments. Marketing asset

Upload an electronic report to be used for a free text invoice in Dynamics 365 Finance. GER configuration

Upload a region-specific solution developed for a ledger account in the form of an iSV. Localized financial report

Question: 207

A company is implementing Dynamics 365 Supply Chain Management.

A developer creates a new form in Visual Studio. The developer must conduct manual unit testing on the functionality of the form before releasing it for functional testing by non-developers.

You need to preview the new form to conduct manual unit testing.

Which action should you conduct first on the form object?

- A. Performance Profiler
- B. Debug
- C. Set as Startup Object
- D. Attach to process
- E. Scope to this

Answer: C

Explanation:

Question: 208

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the Is Extensible property to true for the CarType enumeration. Create an extension for the CarType base enumeration to add the MUV element.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 209

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the Is Extensible property to true for the CarType enumeration. Create a new enumeration to add the MUV element.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 210

Users report that a company's Dynamics 365 Finance website is slow. You suspect that a SQL query attached to the task GetFormInteractionTask is the cause. You need to determine how long it takes for the query to run and return results. What should you use?

- A. Fiddler
- B. Performance monitor
- C. Microsoft Edge debugging tools
- D. Performance timer

Answer: D

Explanation:

Question: 211

A company uses Dynamics 365 Supply Chain Management.

You need to list all classes in the Application Suite model that contain a cross-company query.

Which query string should you use?

- A. type:class, method name=insert code:"crosscompany" model:"Application Suite"
- B. type:class code:"crosscompany" model:"Application Suite"
- C. type:class, method name=run code:"crosscompany" model:"Application Suite"
- D. type:class, table code:"crosscompany" model:"Application Suite"

Answer: C

Explanation:

Question: 212

You are working with extended data types in Visual Studio.

You need to create an extension of a base Extended Data Types (EDT) that is part of another model. Which three properties can be modified? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Alignment
- B. IsExtensible
- C. Form help
- D. String size
- E. Label

Answer: C, D, E

Explanation:

Question: 213

A company uses Dynamics 365 Finance. You are customizing elements for the extended data types (EDTs) shown in the following table.

EDT name	Comment
CalendarID	root EDT
CalendarName	root EDT
BasicCalendarID	derives from CalendarID

You have a table named WorkCalendar. The table has a column named BasicCalendarID that uses the BasicCalendarID EDT. You need to increase the length of the column by using an extension.

Solution: Create an extension for CalendarName.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 214

A company uses Dynamics 365 Finance. You must add fields to a standard table in Visual Studio. You need to create an extension of the table.

What should you do?

- A. Create a table extension from the base table.
- B. Create an extension class for the base table.
- C. Create a new table object in the project.
- D. Drag the table from the AOT to the project.

Answer: A

Explanation:

Question: 215

DRAG DROP

You are developing new features for an app.

You must perform unit testing for the features by using the SysTest framework.

You need to create unit test code using appropriate test attributes.

Which test attribute should you use? To answer, drag the appropriate test attributes to the correct descriptions. Each test attribute may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Test attributes	Answer Area	Description	Test attribute
<input type="checkbox"/> SysTestMethodAttribute		Unit testing code	
<input type="checkbox"/> SysTestCheckInTestAttribute		Indicates the class or method is deactivated	
<input type="checkbox"/> SysTestInactiveTestAttribute			
<input type="checkbox"/> SysTestTargetAttribute			

Answer:

Explanation:

Test attributes	Answer Area	Description	Test attribute
<input type="checkbox"/> SysTestMethodAttribute		Unit testing code	<input checked="" type="checkbox"/> SysTestMethodAttribute
<input type="checkbox"/> SysTestCheckInTestAttribute		Indicates the class or method is deactivated	<input checked="" type="checkbox"/> SysTestInactiveTestAttribute
<input type="checkbox"/> SysTestInactiveTestAttribute			
<input type="checkbox"/> SysTestTargetAttribute			

Question: 216 HOTSPOT

You are designing a new layout for the Vendor Payment Advice report. You add fields to the table that the report uses.

The design must include the new fields.

You need to ensure the standard Payment Advice report always uses the new design.

Which class should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement

Populate data from new fields added to the report data source.

Ensure the standard Payment Advice report always uses the new design.

Class

Report data provider
Data contract
Report controller
Report data provider
Report UI builder
Report UI builder
Report data provider
Data contract
Report UI builder
Report controller

Answer:

Explanation:

ReportDataProviderBase

ReportRunController

Question: 217

DRAG DROP

A company uses Dynamics 365 Finance.

You create two methods in a class:

- MethodA is called only from the class. MethodA is not called from other locations in the code. Within MethodA, you must access class variables.
- MethodB is called from other places in the app. MethodB does not need to instantiate the class or access the class variables.

You need to implement the methods.

Which method types should you use? To answer, drag the appropriate method types to the correct methods. Each method type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Method types

Private instance
Public static
Private static

Answer:

Explanation:

Method types

Private instance
Public static
Private static

Answer Area	Method	Method type
	MethodA	Private instance
	MethodB	Public static

Question: 218

DRAG DROP

A company plans to implement Dynamics 365 Finance.

The company is unsure whether to use a cloud implementation or an on-premises implementation.

You need to determine the features that you can use for each implementation.

Which feature can you use? To answer, drag the appropriate features to the correct implementation types. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Features	Implementation type	Feature
Mobile app, workspaces, and platform	Cloud only	
Save or load task recordings from the BPM library	On-premises only	
Integration with Power BI Desktop	Both cloud and on-premises	

Answer:

Question: 219

Explanation:

Features	Implementation type	Feature
Mobile app, workspaces and platform	Cloud only	Mobile app, workspaces, and platform
Save or load task recordings from the BPM library	On premises only	Integration with Power BI Desktop
Integration with Power BI Desktop	Both cloud and on-premises	Save or load task recordings from the BPM library

DRAG DROP

A company uses Dynamics 365 finance and operations apps. The company plans to integrate third-

party products with Dynamics 365 Finance.

You need to select the appropriate data integration option for each scenario.

Which data integration option should you select? To answer, drag the appropriate data integration options to the correct scenarios. Each data integration option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Data integration options	Scenario	Data integration option
<input type="checkbox"/> Batch data API	Move asset status information from an on-premises application to Dynamics 365 Finance in near real time by using a publicly exposed data entity. Provide information from Dynamics 365 Finance to a website to display item prices in near real time by using the SOAP protocol. Import vendor invoices into Dynamics 365 Finance at the end of each business day.	<input type="text"/>
<input type="checkbox"/> Custom service		<input type="text"/>
<input type="checkbox"/> OData		<input type="text"/>

Answer:

Explanation:

Data integration options	Scenario	Data integration option
<input type="checkbox"/> Batch data API	Move asset status information from an on-premises application to Dynamics 365 Finance in near real time by using a publicly exposed data entity. Provide information from Dynamics 365 Finance to a website to display item prices in near real time by using the SOAP protocol. import vendor invoices into Dynamics 365 Finance at the end of each business day.	<input type="checkbox"/> OData
<input type="checkbox"/> Custom service		<input type="checkbox"/> Custom service
<input type="checkbox"/> OData		<input type="checkbox"/> Batch data API

Question: 220

DRAG DROP

A company uses Dynamics 365 Finance. The company is implementing an independent software vendor (ISV) solution.

You overlay the ISV code to add functionality to the solution.

You need to configure code compare options.

Which code compare option should you use? To answer, drag the appropriate code compare options to the correct scenarios. Each code compare option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Code compare options

- Compare and merge code
- Compare code with baseline
- Compare metadata with baseline

Answer Area

Scenario

Compare the custom code with the code in the ISV solution.

Compare the code with the code in the ISV solution to identify and resolve conflicts.

Compare elements of a form with those in the ISV solution.

Code compare option

Answer:

Explanation:

Code compare options

- Compare and merge code
- Compare code with baseline
- Compare metadata with baseline

Answer Area

Scenario

Compare the custom code with the code in the ISV solution.

Compare the code with the code in the ISV solution to identify and resolve conflicts.

Compare elements of a form with those in the ISV solution.

Code compare option

Compare code with baseline

Compare and merge code

Compare metadata with baseline

Question: 221

DRAG DROP

You use Dynamics 365 Finance.

You must loop through the customers table and display in the UI the customer account numbers that meet the following requirements:

- Include the first 100 customers.
- The account numbers must be greater than 1.000.
- Order the results from larger to smaller by the customer account number.

You need to write the SQL statement by using SQL in X++.

Which four statements should you include in sequence; 1 To answer, move the appropriate statements from the list of statements to the answer area and arrange them in the correct order.

Actions

select firstonly ISO CustTable order by AccountNum asc where custTable.AccountNum > '1055'

while select top 100 CustTable

while select firstonly CustTable order by AccountNum desc where custTable.AccountNum > LOG@ { info(custTable.AccountNum);

Answer area



Answer:

Explanation:

Actions

```
select firstonly130 custTable  
order by AccountNum asc  
  
where custTable.AccountNum > 1000  
while select top 100 custTable
```

Answer area

```
1 while select firstonly100 custTable  
2 order by AccountNum desc  
3 where custTable.AccountNum > 1000  
4 {  
  info(custTable.AccountNum);  
}
```

Question: 222

DRAG DROP

You are importing data packages into Dynamics 365 Finance from external systems.

You must import the data packages by using the Data management package REST API. You must check the status after the import is triggered.

You need to call the HTTP operations.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

```
Call a POST method to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.GetExportedPackageUri endpoint.  
Trigger a POST call to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.GetAzureWriteUri endpoint.  
Call an HTTP POST method to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.ImportFromPackage endpoint.  
Trigger a POST call to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.GetExecutionSummaryStatus endpoint.  
Call a POST method to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.GetExecutionErrors endpoint.
```

Answer area

Answer:

Explanation:

Actions

```
Call a POST method to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.GetExportedPackageUri endpoint  
Trigger a POST call to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.GetAzureWriteUri endpoint
```

Answer area

```
1 Call an HTTP POST method to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.ImportFromPackage endpoint  
2 Trigger a POST call to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.GetExecutionSummaryStatus endpoint  
3 Call a POST method to the /data/DataManagementDefinitionGroups/Microsoft.Dynamics.DataEntities.GetExecutionErrors endpoint
```

Question: 223

DRAG DROP

You create a table in Dynamics 365 Finance.

You must create a unique index from an existing field named FMAssetId

You need to set the index as the primary key of the table after you create the index.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

In the table properties, set the index in the clustered index property.

In the index node, change the alternate key property to Yes.

Drag the FMAssetId field to the Indexes node.

In the Indexes node in the table designer, select New index.

Drag the FMAssetId field to the new index.

In the indexes node, change the allow duplicates property to No.

In the table properties, set the index in the primary index property.

Answer area



Explanation:

Actions

In the table properties, set the index in the clustered index property.

In the index node, change the alternate key property to Yes.

Drag the FMAssetId field to the Indexes node.

Answer area



1 In the Indexes node in the table designer, select New index.

2 Drag the FMAssetId field to the new index.

3 In the Indexes node change the allow duplicates property to No.

4 In the table properties, set the index in the primary index property.



Question: 224

A company is implementing Dynamics 365 finance and operations apps.

The company must integrate its native Dynamics 365 finance and operations apps custom enhancements with Azure.

You need to create the custom business events within a development environment.

Which two classes should you use to extend the custom business events? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. BusinessEventsContractField
- B. BusinessEvent

Answer:

00



C. BusinessEventsContract

D. Business Events Base

Answer: C, D

Explanation:

Question: 225

A company is implementing Dynamics 365 finance and operations apps.

The company must test its native Dynamics 365 finance and operations apps by using multiple values.

You need to create a test case within a development environment.

Which attribute should the test case use?

A. SysTestRowInactive

B. SysTestCategory

C. SysTestRow

Answer: C

Explanation:

Question: 226

DRAG DROP

You are a Dynamics 365 Finance developer.

A long-running process times out in the system.

You need to implement the asynchronous framework to resolve this issue.

Which class runAsync method should you use for each use case? To answer, drag the appropriate classes to the correct use cases. Each class may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Classes	Answer Area								
<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">FormRun</div> <div style="border: 1px solid black; padding: 2px;">Global</div>	<table border="1"><thead><tr><th>Use case</th><th>Class</th></tr></thead><tbody><tr><td>The process is run outside the client.</td><td><input type="text"/></td></tr><tr><td>Display a message when the process is completed without a page refresh.</td><td><input type="text"/></td></tr><tr><td>The page must be refreshed for the message to be displayed.</td><td><input type="text"/></td></tr></tbody></table>	Use case	Class	The process is run outside the client.	<input type="text"/>	Display a message when the process is completed without a page refresh.	<input type="text"/>	The page must be refreshed for the message to be displayed.	<input type="text"/>
Use case	Class								
The process is run outside the client.	<input type="text"/>								
Display a message when the process is completed without a page refresh.	<input type="text"/>								
The page must be refreshed for the message to be displayed.	<input type="text"/>								

Answer:

Explanation:

Classes	Answer Area								
<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">FormRun</div> <div style="border: 1px solid black; padding: 2px;">Global</div>	<table border="1"><thead><tr><th>Use case</th><th>Class</th></tr></thead><tbody><tr><td>The process is run outside the client.</td><td><input type="text" value="Global"/></td></tr><tr><td>Display a message when the process is completed without a page refresh.</td><td><input type="text" value="FormRun"/></td></tr><tr><td>The page must be refreshed for the message to be displayed.</td><td><input type="text" value="Global"/></td></tr></tbody></table>	Use case	Class	The process is run outside the client.	<input type="text" value="Global"/>	Display a message when the process is completed without a page refresh.	<input type="text" value="FormRun"/>	The page must be refreshed for the message to be displayed.	<input type="text" value="Global"/>
Use case	Class								
The process is run outside the client.	<input type="text" value="Global"/>								
Display a message when the process is completed without a page refresh.	<input type="text" value="FormRun"/>								
The page must be refreshed for the message to be displayed.	<input type="text" value="Global"/>								

Question: 227

A company is implementing Dynamics 365 finance and operations apps.

The company must functionally test its native Dynamics 365 finance and operations apps with specific data values.

You need to add specific values on test data within a development environment.

Which two fluent setter methods can you use to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. `post<CommandParameterUame>`
- B. `for<ComntandParBTeterName>`
- C. `set<ComandParaweterfJatie>`
- D. `create<ComandParameterHane>`
- E. `save<ComanndParametername>`

Answer: B, C

Explanation:

Question: 228

A company is implementing Dynamics 365 finance and operations apps.

The company must test the custom enhancements for its native Dynamics 365 finance and operations apps.

You need to create a test case within a development environment.

Which base class should the test class extend?

- A. SysTestSuite
- B. SysTestCase
- C. SysTestExecute
- D. SysTest

Answer: B

Explanation:

Question: 229

You are a Dynamics 365 Finance developer.

You need to initialize an embedded Microsoft Power BI report.

Which code segment should you add to the form initialization method?

A.

```
<JeployOrUpdateReport(powerBIConfiguration, reportName, resourceName
```

B.

```
initializeReportContractInternal(powerBIConfiguration, reportParameters, reportControl, showError;
```

C.

ImportAndStoreReport'powerBICongjuration, retourccName, isIupdate)

D.

initializeCustaaReportControl(resourceNaae, ^ormGroupControlj repartCustomParams)

Answer: D

Explanation:

Question: 230

HOTSPOT

You are a Dynamics 365 Finance developer. You check out elements from version control in order to make modifications.

You need to check in the modified elements to version control.

What should you do? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Right-click the modified element and select

(Get latest version)

Source Control Annotate
Check out for edit

Get latest version

Add files to source control

in Team Explorer, check in changes using the following option:

Pending Changes

Source Control Explorer
Work Items

Pending Changes

Builds

Answer

Explanation:

Answer Area

Right-click the modified element and select

Get latest version

In Team Explorer, check in changes using the following Pending Changes option:

Question: 231

DRAG DROP

A company is implementing Dynamics 365 Finance.

You are extending the standard fixed asset functionality to develop a new feature.

You need to select the appropriate components for the solution.

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Component

Model

Package

Answer Area

Requirement

Component

Project

Group elements for deployment as a unit.

Manage and organize a group of elements during development

Answer:

Explanation:

Component

Answer Area

Model

Package

Requirement

Component

Project

Group elements for deployment as a unit.

Package

Manage and organize a group of elements during development. Model

Question: 232

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the Is Extensible property to true for the CarType enumeration. Add the MUV element to the CarType base enumeration.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 233

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company is automating manual processes in the Dynamics 365 finance and operations apps. The company has the following batch groups and priorities configured:

Batch Group Name	Priority
BATCHGROUP1	Normal
BATCHGROUP2	High
BATCHGROUP3	Critical
BATCHGROUP4	Reserved

The batch processes run during the following times of day:

Batch Active Period	Active From (local time)	Active To (local time)
LUNCHBREAK	12:00 PM	1:00 PM
AFTERHOURS	5:00 PM	3:00 AM

The company requires a process that meets the following requirements:

- Runs every weekday.
- Runs outside of work hours.
- Runs with at least a high priority.

You need to automate the manual process.

Solution: Create a batch job to have an active period of AFTERHOURS and a recurrence of Daily. Select the Every Weekday setting, and set the batch job to run as part of BATCHGROUP2.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 234

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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BATCHGROUP3	Critical
BATCHGROUP4	Reserved

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Batch Active Period	Active From (local time)	Active To (local time)
LUNCHBREAK	12:00 PM	1:00 PM
AFTERHOURS	5:00 PM	3:00 AM

The company requires a process that meets the following requirements:

- Runs every weekday.
- Runs outside of work hours.
- Runs with at least a high priority.

You need to automate the manual process.

Solution: Create a batch job to have an active period of AFTERHOURS and a batch job recurrence of Daily. Set the batch job to run as part of BATCHGROUP2.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 235

DRAG DROP

A company implements Dynamics 365 Supply Chain Management.

You need to create a report that shows all customer project invoices.

Which attribute should you use? To answer, drag the appropriate attributes to the correct requirements. Each attribute may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point.

Attributes	Answer Area
DataContractAttribute	Requirement
DataMemberAttribute	Identify the contract name in the data provider class.
SRSReportParameterAttribute	Enable parameters in the report dialog.
SysOperationControlVisibilityAttribute	Provide parameters for the report.

Answer:

Explanation:

Attributes	Requirement	Attribute
DataContractAttribute	Identify the contract name in the data provider class.	DataContractAttribute
DataMemberAttribute	Enable parameters in the report dialog.	DataMemberAttribute
SRSReportParameterAttribute	Provide parameters for the report.	SRSReportParameterAttribute
SysOperationControlVisibilityAttribute		

Question: 236

A company uses Dynamics 365 Finance.

You create a new form that must have the ability to open from the menu.

You need to set up the form for the menu.

What should you add to the menu?

- A. display menu item
- B. output menu item
- C. action menu item
- D. menu reference

Answer: A

Explanation:

Question: 237

A company uses Dynamics 365 finance and operations apps.

The company must implement efficient business events to allow an external system to subscribe to events coming from Dynamics 365 finance and operations apps.

You need to ensure the business events are efficient.

Which two methods should you use for the configuration? Each correct answer presents a complete solution

NOTE: Each correct selection is worth one point

- A. Bundle Size
- B. Endpoints allowed per event
- C. HTTP time-out
- D. Retry count

Answer: A, c

Explanation:

Question: 238

You are developing a workflow for Dynamics 365 Supply Chain Management.

The workflow must only be used within the organization for which it was defined.

You need to configure the workflow.

Which workflow association type should you use?

- A. Company
- B. Other
- C. Global

Answer: A

Explanation:

Question: 239

DRAG DROP

A company uses Dynamics 365 finance and operation apps.

The company must create test cases by using the SysTest framework. The test cases must meet the following requirements:

- All insert statements must be tracked and deleted during cleanup.
- Transactions must be rolled back using SQL save points.

You need to select the TestTransactionMode options to use.

Options	Answer Area	Option
None	Requirement	
Track and delete insert statements during cleanup.	AutoRollback	
LegacyRollback	Roll back transactions by using SQL save points	
LegacyRollbackWithUpdateTracking		

Answer:

Explanation:

Options	Answer Area	Option
None	Requirement	
AutoRollback	Track and delete insert statements during cleanup	Legacy Rollback
LegacyRollback	Roll back transactions by using SQL save points	AutoRollback
LegacyRollbackWithUpdateTracking		

Question: 240

A company uses Dynamics 365 for its supply chain operations.

A client wants to ensure current processes do not break when the client receives Microsoft updates for Dynamics 365 finance and operations apps.

The company has no development capabilities.

You need to build the scenarios to automate the process by using the Regression suite automation tool (RSAT).

Which file type should you include to run the scenarios?

- A. Business events schema
- B. Security customization
- C. Test automation/parameter
- D. SysTest frame work

Answer: C

Explanation:

Question: 241

A company uses Dynamics 365 Finance. You implement an abstract class named Car. The Car class has the following:

- A real member called weight that is used to store the weight of the car.
- An abstract getWeight method that returns the value of the weight member.

The Car class code is:

```
public abstract class Car
{
    real weight;
    public abstract real getWeight();
}
```

You must create a child class named BigCar.

You need to implement the Car class by using the BigCar child class.

Which code segment should you use?

A.

```
class BigCar implements Car
{
    real weight;
    public real getWeight() { return weight; }
}
```

B.

```
class BigCar extends Car { public real getheight I { return .eight; }
```

C.

```
class BigCar Car { void new(real ^weight { weight • _weight, } public real getheight return weight; };
```

D.

```
class BigCar extends Car ( void retreat ^weight return weight; ) J weight • weight. ) public real getheight
```

Answer: C

Explanation:

Question: 242

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company is implementing Dynamics 365 finance and operations apps.

The company must test the functionality of its native Dynamics 365 finance and operations apps by using the Acceptance test library (ATL).

You need to implement ATL classes on test data within a development environment.

Solution: Record business process steps and save as developer documentation by using Task recorder.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 243

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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The company must test the functionality of its native Dynamics 365 finance and operations apps by using the Acceptance test library (ATL).

You need to implement ATL classes on test data within a development environment.

Solution: Create command classes to run business practices. Call the classes by using the SysTest framework.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 244

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company is implementing Dynamics 365 finance and operations apps.

The company must test the functionality of its native Dynamics 365 finance and operations apps by using the Acceptance test library (ATL).

You need to implement ATL classes on test data within a development environment.

Solution: Create a set of navigation objects and creator classes to access entities and test data.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 245

A company requires Dynamics 365 finance and operations apps to notify third-party applications when data from purchase orders is available for consumption. You need to configure the trigger to capture the purchase order data.

a. Which mechanism should you use?

A. Batch framework

B. SysTest framework

C. Business event

D. Data management framework

Answer: C

Explanation:

Question: 246

DRAG DROP

A company uses Dynamics 365 Commerce for sales and distribution operations.

The following reporting changes are required based on feedback from user acceptance testing:

- Add a field to a business document template.
- Adjust the location of the customer address on an SSRS report.

You need to implement the changes.

Which development tools should you use? To answer, drag the appropriate development tools to the correct requirements. Each development tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Development tools

☰ Power BI
☰ Visual Studio
☰ Microsoft 365

Answer Area

Requirement

Add a new field.

Adjust the customer
address location.

Development tool

Answer

Explanation:

Development tools

☰ Power BI
☰ Visual Studio
☰ Microsoft 365

Answer Area

Requirement

Add a new field.

Adjust the customer
address location.

Development tool

Microsoft 365 [Visual

Studio

Question: 247

You are a Dynamics 365 Finance developer.

Users report that a sales table details form takes a long time to load and display data.

a. You need to optimize the performance by implementing caching.

Which two actions should you perform? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Associate all display and edit methods with the form data source instead of the table.
- B. Call the FormDataSource.research method.
- C. Call the FormDataSource.cacheAddMethod method.
- D. Create display and edit methods on the table instead of the form data source.

Answer: A, C

Explanation:

Question: 248

DRAG DROP

A company uses Dynamics 365 finance and operations apps. The company uses Power BI Desktop to fetch a list of customers.

You need to create a Power BI report to view the list. You authenticate a Power BI Desktop instance by using a Dynamics 365 finance and operations app.

Which four actions should you perform next in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Enter the name of the Customers data entity.
- Create a Power BI report by using the customer data.
- Select Get data from Power BI.
- Select OData feed.
- Enter the URL of the Customers OData endpoint.
- Enter credentials to connect a database.

Answer area

Answer:

Explanation:

Actions

- Enter the name of the Customers data entity.
- Create a Power BI report by using the customer data.

Answer area

- 1 Select Get data from Power BI.
- 2 Select OData feed.
- 3 Enter the URL of the Customers OData endpoint.
- 4 Enter credentials to connect a database.

Question: 249

You need to design a form to display the check data.

Which two form patterns can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Details master
- B. Simple List
- C. Simple List and Details
- D. List page

Answer: A, C

Explanation:

Question: 250

You need to design the processAttachment method for the MigrateAttachment class. Which attribute should you use?

- A. [Replaceable(false)]
- B. [Replaceable(true)]
- C. [Wrappable(true)]
- D. (Hookable(false)]

Answer: B

Explanation:

Question: 251

DRAG DROP

You need to design the workspace for the sales manager.

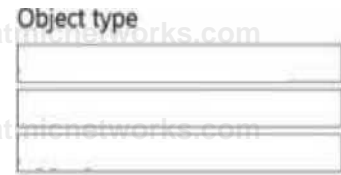
Which object types should you use? To answer, move the appropriate object types to the correct key performance indicators. You may use each object type once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct select is worth one point.

Object types
[: Aggregate measurement]

Object type for Key performance indicators

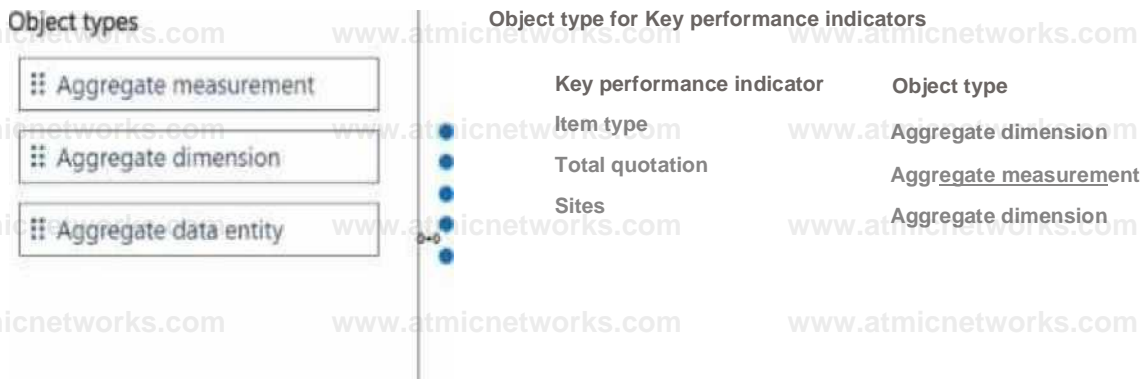
Key performance indicator
Item type
Total quotation
Sites



Aggregate dimension
[: Aggregate data entity]

Answer:

Explanation:



Question: 252

A company requires a Power Apps app that will enable users to view and create new leads in Dynamics 365 from the app. The data is in a custom entity named LeadsTable, which is not accessible outside Dynamics 365. You need to make the data available outside Dynamics 365. What should you do?

- A. Enable IsPublic for the data entity linked to the LeadsTable.
- B. Assign the create, read, update, and delete operations for the LeadsTable to the sales associate role.
- C. Create an aggregate data entity for the LeadsTable.
- D. Enable data management capabilities on the data entity.

Answer: A

Explanation:

Question: 253

A company uses Dynamics 365 Finance

You implement the Insert method for a table you create. The class must meet the following requirements:

- If FieldA is equal to 'Hello.' then FieldB must save the integer value 10.
- If FieldA is equal to "World," then FieldB must save the integer value 20.
- Otherwise FieldB must save the integer 0.

You need to implement the code

Which two code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A)

```
public void insert!  
{  
    if (this.Field* *="Hello")  
  
        This.FieldB * 10;  
  
    else if (this.Field* s* "World")  
    <  
        this.FieldB = 20;  
    else
```

```
die void itv»rt()
```

```
witch (this.Field*)
```

```
case "Hello": this.Fields - 10; break;
```

```
case "World": this.Fields - 10;
```

```
break;
```

```
default:
```

```
this.Fields - 0; break;
```

```
] superf);
```

C)

```
public void insert()
```

```
{
```

```
switch (this.FieldA)
```

```
{
```

```
case "Hello": this.Fields - id case "World":
```

```
this.Fields - 20 default:
```

```
this.Fields * 8;
```

```
}
```

```
super();
```

D)

```
public void insert()
```

```
if (this.FieldA s* "Hello")
```

```
this.FieldB * 10;
```

```
else if (this.FieldA == "World")
```

```
this.FieldB s 28;
```

```
}
```

```
this.FieldB a 8;
```

```
super(); }
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: A

Explanation:

Question: 254

HOTSPOT

You are a Dynamics 365 Finance developer.

You have the following code: (Line numbers are included for reference only.)

```
17    (  
18    b « J;  
19    retry;  
20    »  
21    )  
22    finally  
23    (  
24    info("Four");  
25    }  
26    info("Five"); 57 1
```

You need to evaluate the code

What is the correct output for the method? To answer, select the appropriate option in the answer area.

Answer Area

Method

Output

tryMethod(5,2);

One, Two, Five i

One, Two, Four,

One, Two, Five

One, Three, Four, Five

tryMethod(4,0);

One, Three, Four, Five

One, Three, Four, Five

One, Four, Five

One, Two, Four, Five

Answer:

Explanation:

Answer Area

Method

Output

tryMethod(5,2);

One, Two, Five

tryMethod(4,8);

One, Three, Four, Five

Question: 255

HOTSPOT

You have the following code:

```
public void CompareValues()
```

```
    Date nyDate = str2date('81 08 1901',123);
```

```
    boolean resultI, resultL, results;
```

```
    resultI = (nyDate > str2date('02/88/1901', 123));
```

```
    resultL = (str2Date(int2str(date2hua(nyDate)),123) > str2date('82 98 1901', 123))
```

For each of the following statements, select Yes if the statement is true Otherwise, select No

NOTE: Each correct selection is worth one point.

Answer Area

Statement

Yes No

The value of result! = true

Use value of result? = true

Answer:

Explanation:

Answer Area

Statement

Yes

No

The value of result! = true •

The value of result? = true

Question: 256

A company uses Dynamics 365 finance and operations apps.

A customer wants to ensure future customizations or application upgrades do not interfere with or interrupt business process steps. The customer must document the business process steps a user performs in the user interface.

You need to select the options for exporting a task recording for testing.

Which three options could you select? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Generate Test Execution files only
- B. Save as developer recording
- C. Export as Word document
- D. Save to Lifecycle Services
- E. Create derived test case

Answer: B, C, D

Explanation:

Question: 257

DRAG DROP

A company is creating custom functionality to manage rentals by using Dynamics 365 Supply Chain Management.

You need to create menu items for the following business processes:

- Create new rental in a form grid.
- View a list of all rental assets in an interactive form.
- Create late fee charges once a week based on unreturned items.

You need to create the menu items.

Which menu item types should you use? To answer, drag the appropriate menu item types to the correct business process. Each menu item type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Menu item types

☰ Action
☰ Display
☰ Output

Answer Area

Business process

Menu item type

Create new rentals

View all rental assets.

Create late fees

Explanation:

Answer:

Menu item types

Action
Display
Output

Answer Area

Business process

- Create new rentals
- View all rental assets
- Create late fees

Menu item type

Display
Output
Action

Question: 258

A company uses Dynamics 365 finance and operations apps.

The company must implement the Excel Add-in to allow for data modification outside of Dynamics 365 finance and operations apps.

The company must modify the standard fields displayed for a particular entity to include additional columns.

You need to add the additional columns.

Which field group should you add the columns to?

- A. AutoBrowse
- B. AutoSummary
- C. AutoLookup
- D. AutoReport

Answer: D

Explanation:

Question: 259

A company is using a Dynamics 365 finance and operations app.

The accounting department requests two custom fields named CusStatus and CusDiscount for the header of the sales invoice SSRS report. The custom fields are in the SalesTable table.

You create a duplicate of the report design and add the two new fields to a temporary table by using the following

extension:

```
01 [(irt«UoflOf(tL"Mr{$il«ti>voi(!OP))]]
02 final < lav-ftySale$I<-ivoiccDP Extension
03 (
W      '      ! papulate5alesXnvoiceHeaderrooterTi»p(CustInvoicrtour custlInvoiceOour, CcwanVnfo
_co»p*iyrnfo)
W(
Ob
9? next populatPSalainvoicwratlerfootfrTfip^cuntnvouceJour, companyInfo);
```

You need to populate the new fields by using Chain of Command (CoQ

Solution: Declare the SalesTable table on line 06 and insert a new line after line 06 to declare the SalesInvoiceHeaderFooterTmp table ^Populate the new fields by using the custlInvoiceJour parameter with a reference to SalesTable

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Question: 260

A company is using a Dynamics 365 finance and operations app.

The accounting department requests two custom fields named CusStatus and CusDiscount for the header of the sales invoice SSRS report The custom fields are in the SatesTable table.

You create a duplicate of the report design and add the two new fields to a temporary table by using the following extension:

```
01 [txton^loriOff 1<">5U (MlosInvofceOP))]
```

01 * MI ■]45>'HySdlesInvoiwDP-Extcnjion

03 (

M. '■ 1 popul4t*S*iesl>-ivoiceHMdtrFQOtrTiip(CuBtXnvolco3our cusUnvOlceSour, CoapanyIn
company Info)

W I

06

07 n*Kt popul at fiales Invol cw<*;Klerfoot*rTrip(_cu5tlwoleeJow, company info);

You need to populate the new fields by using Chain of Command (CoQ

Solution: Create a new method on the MySalesInvoiceDP_Extension class named populateInvoiceHeaderFooterCustom which uses the CustInvoiceJour table as a parameter. Declare the SalesTable and SalesInvoiceHeaderFooterTmp tables on the new method. Populate the new fields by using the _custInvoiceJour parameter to reference SalesTable.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 261

A company is using a Dynamics 365 finance and operations app.

The accounting department requests two custom fields named CusStatus and CusDiscount for the header of the sales invoice SSRS report. The custom fields are in the SalesTable table.

You create a duplicate of the report design and add the two new fields to a temporary table by using the following extension:

01 [tixon*loriOff 1<">5U (MlosInvoIceOP)]

01 * MI ■]45>'HySdlesInvoiwDP-Extcnjion

03 (

M. '■ 1 popul4t*S*iesl>-ivoiceHMdtrFQOtrTiip(CuBtXnvolco3our cusUnvOlceSour, CoapanyIn
company Info)

W I

06

```
07 n*Kt popul at fiales Invol cw<*;Klerfoot*rTrip(_cu5tlwoleeJow, company info);
```

You need to populate the new fields by using Chain of Command (CoC)

Solution: Create a new method on the MySalesInvoiceDP_Extension class named populateInvoiceHeaderFooterCustom which uses the CustInvoiceJour table as a parameter. Declare the SalesTable and SalesInvoiceHeaderFooterTmp tables on the new method on line 07. Populate the new fields by using the _custInvoiceJour parameter to reference SalesTable. Call the new method on the populateSalesInvoiceHeaderFooterTmp method on line 08.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 262

You create an extension for the Invent Table. Which two field properties can you modify in the extension? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Extended Data Type

B. Allow Edit

C. Visible

D. Label

Answer: B, D

Explanation:

Question: 263

DRAG DROP

A company has a Dynamics 365 finance and operations app.

The company has the following requirements for data entities.

- Must asynchronously import XML files that contain sales order header and line information
- Must use an OData endpoint to enable two measures and two attributes from the CustTransView view in a PowerBI report

You need to identify the data entity type to implement.

Which data entity type should you use? To answer, move the appropriate data entities to the correct requirements You may use each data entity once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Data entities

Data entity requirements

:: Aggregate data entity

Requirement

Data entity

:: Composite data entity

Asynchronously import XML sales order header information and line data

Use OData endpoint to enable two measures and two attributes from CustTransView

Answer:

Explanation:

Data entities

Data entity requirements

** Aggregate data entity

Requirement

Data entity

Asynchronously import XML sales order header information [Composite data entity], and line data

; Composite data entity

Use OData endpoint to enable two measures and two [Aggregate data entity] attributes from CustTransView

Question: 264

A company uses Dynamics 365 Finance.

Developers receive an error in an existing solution. The solution must be debugged to identify the root cause of the error.

You need to enable debugging in Visual Studio to hit an existing breakpoint with the solution open.

Which three methods can you use? Each correct answer presents a complete solution. Choose three.

NOTE: Each correct selection is worth one point.

- A. Using Visual Studio to debug, attach the debugger to the devenv.exe process.
- B. Using Visual Studio to debug, attach the debugger to the IIS process.
- C. Using Visual Studio to debug, attach the debugger to the X++ compiler process.
- D. Press F5.
- E. Using Visual Studio to debug, start debugging with your start-up object.

Answer: B, C, D

Explanation:

Question: 265

DRAG DROP

You are working on a project that uses out-of-the-box OData endpoints and custom web services.

HTTP calls must be used to retrieve data and perform operations with minimal development effort.

All integration calls must be automated so that no user interaction is required once they are configured.

The following operations must be created:

- Obtain a list of customers from a customer group.
- Post a sales order invoice.
- Obtain a vendor balance.

You need to design the integrations.

Which integration endpoint should you use for each requirement? To answer, move the appropriate integration endpoints to the correct requirements. You may use each integration endpoint once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Integration endpoints

OData and custom web services operations

⋮ OData
⋮ Excel add-in
⋮ Custom service

Requirement

Get a list of customers filtered on the customer group field

Post a sales order invoice

Get the balance of a vendor.

Answer:

Explanation:

Integration endpoints

OData and custom web services operations

⋮ OData
⋮ Excel add-in
⋮ Custom service

Requirement

Get a list of customers filtered on the customer group field

Post a sales order invoice

Get the balance of a vendor.

Question: 266

A company uses Dynamics 365 Finance.

You must add fields to a standard Dynamics 365 Finance form by using Visual Studio.

You need to create an extension for the form.

What should you do?

- A. Create an extension of the standard form in the AOT and add it to the project.
- B. Add the form directly to the project and add the new fields.
- C. Drag the form from Application Explorer to the project.
- D. Create a new class that extends the form.

Answer: D

Explanation:

Question: 267

A company uses Dynamics 365 Supply Chain Management. You create a customization in a development environment.

You need to create a software deployable package so that you can deploy the customization to a test environment.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.
- B. In Visual Studio, create a Dynamics 365 deployment package and upload the package to the asset library.
- C. In Visual Studio, export the project and upload the project to the asset library.
- D. In Azure DevOps, extract the model from a package and upload the model to the asset library.

Answer: A, B

Explanation:

Question: 268

A company is developing a new solution in Dynamics 365 Supply Chain Management. Customers will be able to use the solution in their own implementations.

Several of the classes in the solution are designed to be extended by customers in other implementations to accommodate unique requirements.

Certain methods must show up in the output window during the build process to advise other developers about the intent of the methods.

You need to implement the statements for the methods.

What should you implement?

- A. global variables
- B. info () function
- C. properties
- D. comments
- E. attributes

Answer: E

Explanation:

Question: 269

DRAG DROP

A company uses Dynamics 365 Finance.

The company plans to send banking information by using Electronic reporting (ER).

You need to create an ER data model.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Design a domain-specific data model

Answer Area

:: Create the data model.

Define the structure of a party participating in a payment
“ process.

:: Define the bank structure for the model.

!! Create the data model configuration

Answer:

Explanation:

Design a domain-specific data model

Answer Area

- 1 :: Create the data model
- 2 :: Define the structure of a pat" process.
- 3 :: Define the bank structure fo
- 4 :: Create the data model confi

Question: 270

A company uses Dynamics 365 Finance. The company requires you to create a custom service. You need to create request and response classes for the custom service. Which class attribute should you use?

- A. DataContract
- B. DalaEventHandler
- C. DataCollection

Answer:

A

Explanation:

Question: 271

A sales manager wants to display a tile that shows the total number of orders processed each hour.

You need to create a key performance indicator (KPI) that meets the requirement.

Which two components should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Aggregate measurements
- B. Data entity
- C. TempDB table
- D. Aggregate dimensions

Answer: A, D

Explanation:

Question: 272

DRAG DROP

You have an Azure DevOps project that has Dev and Test branches.

The Test branch is used for deploying artifacts in a test environment.

You must merge code from the last Dev branch and check-in the code to Test.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer area

Connect a Visual Studio workspace to an Azure DevOps project

Map the Test branch to a local folder on your machine.

In the Source Control Merge wizard, set the target branch to Test

In the Source Control Merge wizard, select Selected changesets

Right-click the Test branch and select Merge.

Explanation:

Actions

Answer:

Answer area

.. Connect a Visual Studio work project

:: Map the Test branch to a local

.. In the Source Control Merge

" branch to Test

.. In the Source Control Merge " changesets.

:: Right-click the Test branch and

Question: 273

A company uses Dynamics 365 Finance. The company has a customized version of the sales invoice report.

The sales department requires a new field in the header of the report. You add the field in the report in Visual Studio. You build the Visual Studio solution and test the changes to the report in your development environment.

The new field does not appear in the print preview of the report.

You need to ensure that the new field appears in the header.

What should you do?

- A. Synchronize the database from Visual Studio.
- B. Restart the SQL Server Reporting Services service.
- C. Restart IIS/IIS Express
- D. Deploy the report.

Answer: D

Explanation:

Question: 274

You are developing a model extension for Dynamics 365 Finance that extends objects from the Application Foundation package.

You need to create and configure a new model for the extension.

Which two actions should you perform? Each correct answer presents part of the solution

NOTE: Each correct selection is worth one point.

- A. Reference the Application Foundation package when creating the extension model.
- B. Create a new model that is part of an existing package.
- C. Create an extension class that references the Application Foundation.
- D. Assign the model to the USR layer.
- E. Create a new model that builds into its own separate assembly.

Answer: C, E

Explanation:
between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Testing framework or functionalities

:: Task recorder

• SysTest framework

:: Acceptance test library (AR)

** Regression suite automation tool (RSAT)

Question: 275

DRAG DROP

A company uses Dynamics 365 finance and operations apps.

The company must ensure employees use best practices when performing data validation and functional, regression, and user acceptance testing in the finance and operations apps.

You need to select the correct testing framework or functionality.

Which testing framework or functionality should you use in each scenario? To answer, drag the appropriate testing frameworks or functionalities to the correct scenarios. Each testing framework or functionality may be used once, more than once, or not at all. You may need to drag the split bar

Answer Area

Scenario

Run a suite of tests to reduce user acceptance testin and time

Document steps a usei performs in an application fc testing purposes.

Create consistent test data using structured, readabl Allow for continuous validation of code changes in c development environment

Answer:

Explanation:

Testing framework or functionalities	Answer Area
:: Task recorder	Scenario Run a suite of tests to reduce user acceptance testing cost and time
■ Sys Test framework	
:: Acceptance test library (ATL)	Document steps a user performs in an application for testing purposes.
:: Regression suite automation tool (RSAT)	Create consistent test data using structured, readable code
	Allow for continuous validation of code changes in a development environment

Question: 276

A company uses Dynamics 365 Finance.

You must create a process that updates the following:

- A single record for customer number A0001 in the customer table.

Question: 277

DRAG DROP

You create a Visual Studio project named CustomerDetailUpdate.

You must update data in a table named CustTable. You must be able to run the code from Visual Studio.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer area

.. Create a runnable class and add the class to the
" CustomerDetailUpdate project.

:: Write code in the class to update the customer table

:: Build the project.

:: Set the class as the startup project and run the class.

Answer

Explanation:

Actions

Answer area

Create a runnable class and add the class to the
CustomerDetailUpdate project

Write code in the class to update the customer table

Build the project.

Set the class as the startup project and run the class

Question: 278

HOTSPOT

You are developing a Power BI report.

The report must show the number of past due invoices in near real time.

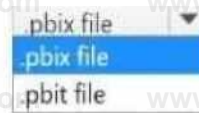
You need to embed the report in the Analytics tab of a Vendor Payments workspace.

What should you use? To answer, select the appropriate options in the answer area.

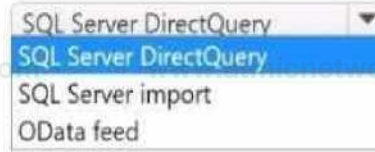
NOTE: Each correct selection is worth one point.

Answer Area

Which type of file should you create for the Power BI report?



Which type of data connectivity mode should you use?



Answer:

Explanation:

Answer Area

Which type of file should you create for the pbix file ' Power BI report?

Which type of data connectivity mode should SQL Server DirectQuery you use?

Question: 279

A company is implementing Dynamics 365 finance and operations apps. You are using the Acceptance test library (ATL) to test code in Visual Studio. You need to create an entity test class to expose the entity properties. Which method should you use?

A. with

B. set

C. parm

Answer: C

Explanation:

Question: 280

A company uses Dynamics 365 Finance.

The company uses a sandbox environment. The sandbox must be updated to the latest version. You need to apply an upgrade to the Lifecycle Services environment. Which package type from the asset library should you apply?

- A. Retail self-service package
- B. Solution package
- C. NuGet package
- D. Software deployable package

Answer: D

Explanation:

Question: 281

A company uses Dynamics 365 Finance.

The company requires you to develop a new batch processing feature. You need to implement the code by using the SysOperation framework.

Which three methods are already implemented by using this framework? Each correct answer presents part of the solution. Choose three.

NOTE: Each correct selection is worth one point.

A. main

B. unpack

C. new

D. run

E. pack

Answer: A, B, E

Explanation:

Question: 282

DRAG DROP

A company uses Dynamics 365 Finance.

The company requires a new custom service to allow transactional data to be attributed to a customer's order.

You need to create the custom service.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Custom service creation steps

Answer Area

- ☰ Create request and response classes.
- ☰ Create a service class.
- ☰ Create and assign the service object.
- ☰ Create and assign the service group.

Answer:

Explanation:

Custom service creation steps

Answer Area

- 1 :: Create request and response classes.
- 2 :: Create a service class.
- 3 :: Create and assign the service object.
- 4 :: Create and assign the service group.

Question: 283

DRAG DROP

You are working on a Dynamics 365 Finance project with multiple developers contributing to the same codebase.

During a code check-in, you encounter a conflict where changes made by another developer overlap with changes you implemented.

You need to resolve the code conflict.

Which actions should you perform? To answer, move the appropriate actions to the correct merge scenarios. You may use each action once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Actions

- Take Source
- Merge by using Merge Tool

Action for a merge scenario

Merge scenario

- Erase local changes
- Keep or discard each change, one at a time

Action

Answer:

Explanation:

Actions

- Take Source
- Merge by using Merge Tool

Action for a merge scenario

Merge scenario

- Erase local changes
- Keep or discard each change, one at a time

Action

- Take Source
- Merge by using Merge Tool

Question: 284

You add a new field in an extension to the SalesTable table in Dynamics 365 Finance.

You must test the field in the SalesTable form to ensure that you can enter data from the UI. When you open the form in the browser, you receive a SQL error.

You need to resolve the issue.

What should you do?

- A. Restart the SQL Server service.
- B. Build the solution.
- C. Restart IIS.
- D. Synchronize the database.

Answer: D

Explanation:

Question: 285

DRAG DROP

A company uses Dynamics 365 Finance. The company stores its software repository in a Git-based version control system.

The company requires you to add a new feature to the existing code.

You need to add your changes to the software repository.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Edit a software repository

Answer Area

From a Git command line tool or user interface, select the existing branch you want to branch from.

Pull and merge any new changes to the existing branch since the original branching.

Create a new branch that includes all recent changes.

Edit, save, and commit the code changes.

Push code and create a pull request

Answer:

Explanation:

Edit a software repository

Answer Area

- 1 From a Git command line tool Or user interface, Select the existing branch you want to branch from.
- 2 Pull and merge any new changes to the existing branch since the original branching.
- 3 Create a new branch that includes all recent changes.
- 4 Edit, save, and commit the code changes.
- 5 Push code and create a pull request

Question: 286

DRAG DROP

A company uses Dynamics 365 Finance and Microsoft Power Platform services.

The company requires a reporting tool with which they can perform the following tasks:

- Print a PDF version of a standard sales invoice to send to customers by using a query as a data source.
- Create an interactive dashboard for the controlling department to view the budget execution.
- Generate vendor payment files in text format.

You need to select a reporting solution for each requirement.

Which reporting solution should you use? To answer, move the appropriate reporting solution to the correct requirement You may use each reporting solution once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Reporting solutions

- SSRS Report
- Power BI service
- Electronic reporting

Reporting tools available in Dynamics 365 Finance

Requirement	Reporting solution
Sales invoice	[SSRS Report]
Budget dashboard	[Power BI service]
Payment file	[Electronic reporting]

Answer:

Explanation:

Reporting solutions

- SSRS Report
- Power BI service
- Electronic reporting

Reporting tools available in Dynamics 365 Finance

Requirement	Reporting solution
Sales invoice	[SSRS Report]
Budget dashboard	[Power BI service]
Payment file	[Electronic reporting]

Question: 287

A company uses Dynamics 365 Supply Chain Management.

You are performing a review of the code that returns the total sum of transactions for all customers in customer group 10. You observe that the following query takes a long time to complete.

```

AmountHST sumTrans • 0;
while select cost Trans {
    select custTable
        where custTable.AccountNua •• custTrans.AccountNuw; if (custTable.CustGroup ■■ '10')
            sumTrans • SuaTrans ♦ custTrans.AamountMst;
}
    
```

You need to modify the query to optimize performance.

Which code segment should you use?

A.

```

select sum(AmountHst) from custTrans join custTable where custTable.AccountHUM = custTrans.AccountHum && custTable.CustGroup = '10'
    
```

B.

```

Select imi(AmountMst) from custTrans join custid, custGroup from custTable where custTable.AccountHua = custTrans.AccountNu# && custTable.custGroup = '10';
    
```

C.

```
AmountHST suaTrans ■ 8; while select AaountMst from custTrans join custTable where custTable.Accounts = custTrans.Accounts && custTable.custGroup ■ 10' { sunTrans ■ suaTrans + custTrans.AaountMst; }
```

D.

```
select sum(AaountHst) from custTrans exists join custTable where custTable.AccountNIM ■ custTrans.AccountNua && custTable.custGroup ■ 18';
```

Answer: B

Explanation:

Question: 288

A company uses Dynamics 365 Finance.

The company deploys a custom table named LoyaltyCustomerTable. The table has a 1:1 relationship with a table named CustTable. Both tables contain a unique field named AccountNum and share the same data

a. Using event handlers, all edits to CustTable are reflected within LoyaltyCustomerTable.

The LoyaltyCustomerTable data is maintained by using the LoyaltyCustomerTable form. This form selects all data from both LoyaltyCustomerTable and CustTable and displays the records sorted by LoyaltyCustomerTableAccountNum.

LoyaltyCustomerTable was mistakenly created with no indexes. A significant delay occurs when users open the LoyaltyCustomerTable form.

You need to improve performance by creating an index.

Which method should you use?

- A. Create an index on CustTable for Redd.
- B. Create an index on LoyaltyCustomerTable for AccountNum.
- C. Create a foreign key relation on CustTable with Related Table set to LoyaltyCustomerTable and Index set to ReclD.
- D. Create a foreign key relation on CustTable with Related Table set to LoyaltyCustomerTable and Index set to AccountIdx.

Answer: C

Explanation:

Question: 289

DRAG DROP

You are a Dynamics 365 Finance developer.

Users can view customers from all customer groups on the customer form.

You need to ensure that users can only see customers who belong to a specific customer group.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Build the solution and refresh the browser.
- Create a query.
- Create a security policy and set primary table, query, and context type parameters.
- Add a constrained table to the policy.
- Build the solution and perform a database sync of the project.

Answer area

Answer:

Explanation:

Actions

- Build the solution and refresh the browser.

Answer area

- Create a query.
- Create a security policy and set primary table, query, and context type parameters.
- Add a constrained table to the policy.
- Build the solution and perform a database sync of the project.

Question: 290

DRAG DROP

A company uses Dynamics 365 Finance and Dynamics 365 Supply Chain Management.

The company plans to integrate Dynamics 365 Sales customer data with Finance and Supply Chain Management.

You need to integrate the data.

Which data integration option should you select for each scenario? To answer, drag the appropriate data integration options to the correct scenarios. Each data integration option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Data integration

- Open Data Protocol (OData)
- Dual-write
- Custom service
- Azure Data Lake integration

Answer Area

Scenario

Move customer data from an on-premises app to Finance in near-real time by using an API,

Sync Sales customer data with Supply Chain Management.

Update customer data from Dynamics 365 finance and operations apps by using SOAP with an e-commerce app.

Data integration option

Answer

Explanation:

Data integration options

- Open Data Protocol (OData)
- Dual-write
- Custom service
- Azure Data Lake integration

Answer Area

Scenario

Move customer data from an on-premises app to Finance in near-real time by using an API,

Sync Sales customer data with Supply Chain Management

Update customer data from Dynamics 365 finance and operations apps by using SOAP with an e-commerce app.

Data integration option

Open Data Protocol (OData)

Dual-write

Custom service

Question: 291

DRAG DROP

A company has a Dynamics 365 finance and operations app.

A user requests a data entity for the sales order header information in a Power BI report that uses OData.

You need to create a data entity based on the sales order header information.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Disable the public API and enable data management capabilities.

Disable the public API and disable data management capabilities.

Add a new item to the Visual Studio project of category Data Model, type of Data Entity.

Use the data entity wizard to specify the primary data source as SalesTable, and the Entity category as Transaction.

Add all fields from the SalesTable data source to the data entity.

Enable the public API and disable data management capabilities.

Build the solution and perform a database sync.

Steps to create and configure a data entity based on sales order header information.

Answer

Explanation:

Actions

- Disable the public API and enable data management capabilities.
- Disable the public API and disable data management capabilities.

Steps to create and configure a data entity based on sales order header information.

- Add a new item to the Visual Studio project of category Data Model, type of Data Entity.
- Use the data entity wizard to specify the primary data source as SalesTable, and the Entity category as Transaction.
- Add all fields from the SalesTable data source to the data entity.
- Enable the public API and disable data management capabilities.
- Build the solution and perform a database sync.

Question: 292

DRAG DROP

You have a test environment that has an independent software vendor (ISV) solution.

The ISV solution requires a license to enable it.

You need to add a license file to a software deployable package when the build is run.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct

orders you select.

Actions

Add a license file in a build pipeline

is Add the license file to a source control repository.

:: Add the task named Add Licenses to Deployable Package.

.. Provide a search pattern for the license file to add to the " package.

.. Provide a file name and the path of the deployable package to " update.

Answer:

Explanation:

Actions

Add a license file in a build pipeline

1 :: Add the license file to a source control repository.

1

2 ■ Add the task named Add Licenses to Deployable Package.

2

3 .. Provide a search pattern for the license file to add to the " package.

3

4 .. Provide a file name and the path of the deployable package to " update.

4

Question: 293

DRAG DROP

You are implementing Dynamics 365 Finance for two companies.

Each company has specific requirements:

- CompanyA requires that the latest version always be available automatically for its environments.
- CompanyB must be able to integrate with Power BI Desktop.

You need to select the environment type each company should use.

Which environment type should you select? To answer, move the appropriate environment types to the correct requirements. You may use each environment type once, more than once, or not at all.

You may need to move the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point.

Environment types

- On-premises
- Cloud

Dynamics 365 Finance cloud and on-premises version differences

Requirement	Environment type
CompanyA	<input type="checkbox"/>
CompanyB	<input type="checkbox"/>

Answer:

Explanation:

Environment types

- On-premises
- Cloud

Dynamics 365 Finance cloud and on-premises version differences

Requirement	Environment type
CompanyA	<input type="checkbox"/> Cloud
CompanyB	<input type="checkbox"/> On-premises

Question: 294

A company requires custom SSRS reports for a Dynamics 365 Supply Chain Management implementation. One SSRS report requires the use of a custom class to process data for a report.

You need to implement the data source type to use.

Which data source type should you implement?

- A. Business logic
- B. AX enum provider
- C. Report data provider (RDP)
- D. Query

Answer: C

Explanation:

Question: 295

A company uses Dynamics 365 Finance.

You create a batch class for the company by using the SysOperationFramework. The data contract class contains a Boolean and a date field that are displayed in the dialog as a checkbox and date picker field, respectively.

If the checkbox is selected, the date picker field must default to today's date unless users manually select a date.

You need to implement the checkbox functionality.

In which class should you implement the functionality?

- A. Service
- B. Controller
- C. UIBuilder
- D. Contract

Answer: C

Explanation:

Question: 296

DRAG DROP

A company uses Dynamics 365 Finance.

You create a form in the Accounts Payable module where a list of customers and their bank accounts is displayed. You also create a display menu item to add to the Accounts Payable menu.

You must create a privilege to only view the records and a duty to allow the standard Accounts Payable clerk to access the form.

You need to configure the security items

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Dynamics 365 role-based security framework

Add the menu item to the privilege data entity permissions node and grant Read access.

- Create a duty and add the privilege
- Create a privilege and add the menu item to the privilege entry points node with Correct access
- Add the privilege to the Accounts Payable clerk role.
- Create a privilege and add the menu item to the privilege entry points node with Read access
- Create an extension of the Accounts Payable clerk role and add the duty

Answer:

Explanation:

Actions

Dynamics 365 role-based security framework

- Add the menu item to the privilege data entity permissions node and grant Read access.
- Create a duty and add the privilege
- Create a privilege and add the menu item to the privilege entry points node with Correct access
- Add the privilege to the Accounts Payable clerk role
- Create a privilege and add the menu item to the privilege entry points node with Read access.
- Create an extension of the Accounts Payable clerk role and add the duty

Question: 297

A company uses Dynamics 365 Finance.

Users report that the performance of the open vendor invoice form in the production environment takes longer than usual to load. When users test the invoice form in the sandbox environment the performance is fine.

You need to troubleshoot the performance issue.

Which two tools can you use? Each correct answer presents a complete solution. Choose two.

NOTE: Each correct selection is worth one point.

- A. Visual Studio debugger
- B. Windows Task Manager
- C. Trace parser
- D. Environment monitoring in Lifecycle Services

Answer: C, D

Explanation:

Question: 298

You create a method that uses the Async framework.

You need to capture the result of calling the Async method.

Which three elements should you include in the signature or parameters of the result method? Each correct answer presents part of the solution. Choose three.

NOTE: Each correct selection is worth one point.

- A. boolean
- B. container
- C. AsyncTaskResult
- D. static
- E. void

Answer: C, D, E

Question: 299

DRAG DROP

A company uses Dynamics 365 Finance.

You must implement three classes with the following requirements:

- Variables in ClassA must be accessible from ClassA and its child classes but not from other classes. ClassB is a class that inherits from ClassA.
- ClassC is not a parent or child class of any other class. The variables of ClassC must only be accessible within ClassC.

You need to complete the implementation.

Variable modifiers

Protected
Private
Public

Answer Area

Class

ClassA

ClassC

Variable modifier

Variable modifier

Variable modifier

Answer

Explanation:

Variable modifiers

Protected
Private
Public

Answer Area

Class

ClassA

ClassC

Variable modifier

Protected
Private

Question: 300

DRAG DROP

A company uses Dynamics 365 finance and operations apps. An employee must track the status of a document. The employee creates a workflow by using a custom approval element.

You need to configure the workflow in the system.

In which Order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

Enable the workflow for a business scenario.
Develop the workflow approval component.
Create the workflow structure.
Configure the business process steps.

Answer:

Explanation:

Actions

Answer Area

- 1 :: Create the workflow structure.
- 2 :: Configure the business process steps.
- 3 :: Develop the workflow approval component.
- 4 " Enable the workflow for a business scenario

Question: 301

A company is implementing Dynamics 365 Finance.

You must add custom logic before and after the following methods to extend the functionality by using Chain of Command.

- Method1

```
public static void method1(.) { }
```

- Method2

```
private static void method2(>) { }
```

- Method3

```
protected static void method3(-) (,,)
```

- Method4

```
I HookableCfalse)J
```

```
public void Method4( ) { }
```

- Method5

```
[wrappable(false)]
```

```
public static void method5(-) ( )
```

You need to implement the development components that will allow the desired functionality. Which two methods can you extend? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A.

```
Hookable(false)]
```

```
public void method4( ) (..)
```

B.

private static void method? (..) (..)

C.

[wrappable(false)]

public static void method5(,,) { }

D.

protected static void methodl(.) { }

E.

public static void Methodic..) (..)

Answer: D, E

Explanation:

Question: 302

DRAG DROP

You are working in multiple development environments and are using Team Foundation Version Control to maintain source code

You need to enforce a policy requiring that any check-in is approved only after the build pipeline has successfully completed.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Steps to enforce the check-in policy

:: Enable Gated Check -in.

:: Edit the selected pipeline.

:: Disable continuous integration triggers for committed changes

:: Navigate to the release pipeline configured for the build artifacts

:: Navigate to the build pipeline configured for the source branch

Answer:

Explanation:

Actions

- ⋮ Disable continuous integration triggers for committed changes.
- ⋮ Navigate to the release pipeline configured for the build artifacts.

Steps to enforce the check-in policy

- 1 ⋮ Navigate to the build pipeline configured for the source branch.
- 2 ⋮ Edit the selected pipeline.
- 3 ⋮ Enable Gated Check-in.

Question: 303

You are implementing Dynamics 365 Supply Chain Management for a customer.

The complete solution involves an ISV product that was obtained from Microsoft AppSource.

You notice that there is a significant slowdown in certain screens once the ISV product is installed.

You need to determine the cause of the issue.

Which Lifecycle Services (LCS) tool or functionality should you use?

A. SQL Insights

B. Regression suite automation tool (RSAT)

C. Issue search

D. Impact analysis report

E. SQL Server Runtime

Answer: A

Explanation:

Question: 304

HOTSPOT

You are building analytical components for users in Dynamics 365.

You need to determine the appropriate component to use for several scenarios.

Which component should you use for each scenario? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Scenario

Users need to see updated information in an object that can be pinned on their workspace.

Title

Enumeration

Dashboard

A default homepage must be based on a user's security role

Dashboard

Self-service BI

Tile

Users must be able to modify or create new analytic content.

Contextual BI

Self-service BI

Answer:

Explanation:

Answer Area

Scenario

Component

Users need to see updated information in an object that can be pinned on their workspace. Dashboard

A default homepage must be based on a user's security role. Tile

Users must be able to modify or create new analytic content. Self-service BI

Question: 305

A company uses a SQL Server Reporting Services (SSRS) report named SalesConfirmation. The report has a controller class named SalesConfirmController and a data provider class named SalesConfirmDP.

The company requires a different layout for the report.

You create a copy of the report and name the copy MySalesConfirmation. You modify the report design.

You need to ensure that the new report design replaces the original report design.

What should you do?

- A. Extend the controller class SalesConfirmController to add a post-event handler method for a static method named construct.
- B. Extend the data provider class SalesConfirmDP to add a pre-event handler method for the processReport method.
- C. Extend the controller class SalesConfirmController to add a pre-event handler method for a static method named construct.
- D. Extend the data provider class SalesConfirmDP to add a post-event handler method for the processReport method.

Answer: A

Explanation:

Question: 306

A company implements Dynamics 365 Finance and Dynamics 365 Supply Chain Management. The company plans to perform a sales history analysis on existing customers, including their sales history and purchases.

You are creating an extension to create a sales history table that will run after the close of each period. The historical information must include customer information, date of purchase, and items that are purchased including product descriptions.

You need to ensure that the process for retrieving historical information minimizes database calls.

Which method should you use?

- A. Insert_recordset
- B. doInsert
- C. RecordInsertList
- D. RecordSortedList

Answer: C

Explanation:

Question: 307

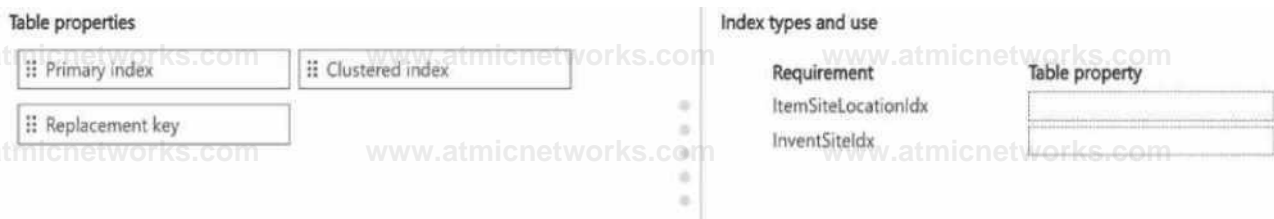
DRAG DROP

A company uses Dynamics 365 Supply Chain Management

You create a new table that will be used to initialize default values. The table contains the ItemId, InventSiteId, and InventLocationId fields. Each item can be configured on multiple sites, but only at a single location on each site The company requires a new index named ItemSiteLocationIdx to fulfill this requirement.

You must also create an additional index named InventSiteIdx to order the items per site.

You need to define the properties in the table to use both indexes.



Answer:

Explanation:

Primary index

Clustered index

Question: 308

A company uses Dynamics 365 Supply Chain Management.

The company requires a critical inbound integration that uses the SysOperationFramework. The integration must be resilient to loss of connection to SQL Server and SQL transient connection errors.

You need to complete the integration.

Which two actions should you perform? Each correct answer presents part of the solution. Choose two. NOTE Each correct selection is worth one point.

- A. Implement the BatchRetryable interface in the Service class.
- B. Implement the BatchRetryable interface in the Controller class
- C. Override the isRetryable method in the Controller class.
- D. Override the isRetryable method in the Service class.

Answer: BD

Explanation:

Question: 309

You extend the insert method of the CustTable by using Chain of Command.

You need to print a message after creating a record if the Sales tax group is complete.

Which code segment should you use?

A) [Extension of (tableStr(CustTable))]

```
final class CustTable_Extension
```

```
( void insert(DirPartyType partyType, Flame name, boolean updateCRM)
```

```
    try {
```

```
        if (!this.TaxGroup)
```

```
            throw Exception::Error;
```

```
        catch (Exception::Error)
```

```
            throw error(*An error occurred!)
```

```
        finally {
```

```
            info(The customer has a sales tax group.);
```

```
            next insert(partyType, name, updateCRM);
```

B)

```
[ExtensionOf(tableStr(CustTable))] final class CustTableExtension
{
    void insert(OirPartyType -partyType, Name _name, boolean _updateCRM)
    {
        next insert(partyType, name, _updateCRM);

        if (!this.TaxGroup) {
            info('The customer has a sales tax group.');
```

C)

```
[ExtensionOf(tableStr(CustTable))] final class CustTableExtension
{
    void insert(DirPartyType partyType, Name name, boolean updateCRM)
    {
        if (this.TaxGroup) {
            info('The customer has a sales tax group.');
```

D)

```
[ExtensionOf(tableStr(CustTable))] final class CustTableExtension
{
    void insert(OirPartyType partyType, Name name, boolean _updateCRM)
    {
        next insert(partyType, name, updateCRM);
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: B

Explanation:

Question: 310

A company is using Dynamics 365 finance and operations apps.

A user reports that a custom report does not provide the expected results. After updating the report, you receive an alert that there are conflicting changes to the report when checking it in to source control.

You need to troubleshoot the cause of the conflict.

What are two causes of the conflict? Each correct answer presents a complete solution.

NOTE Each correct selection is worth one point.

- A. A developer modified the report at the same time and created a shelveset of their changes
- B. A developer rolled back the changeset at the same time you were working on the report
- C. A developer requested a code review of the prior report changeset which was approved by a reviewer.
- D. You created an annotation on a prior version of the report in source control.
- E. You did not perform a Get Latest Version from source control prior to working on the report

Answer: A, E

Explanation:

Question: 311

You are creating custom functionality for Dynamics 365 Supply Chain Management. You must send a notification when sales invoices are posted in the system. You need to implement a business event.

Which two classes should you implement? Each correct answer presents part of the solution. Choose two NOTE; Each correct selection is worth one point.

- A. BusinessEventsContract
- B. BusinessEventsDataEvent
- C. BusinessEventsBase
- D. BusinessEventsEndpoint

Answer: A, C

Explanation:

Question: 312

A company has a Dynamics 365 finance and operations app.

A user requests a new field named MarkupGroup in the CustCustomerV3Entity data entity. The new field is based on the MarkupGroup field from the CustTable data source. The user plans to use the new field to publish changes to the finance and operations system by using Microsoft Excel. You add the field to the CustCustomerV3Entity data entity and run a database synchronization.

You need to ensure that the user can publish changes with the new field in the CustCustomerV3Entity data entity by using Excel. What should you do?

- A. Use the query functionality in Excel to connect to the finance and operations Microsoft Azure SQL Server Database and select the CustCustomerV3Entity data entity.
- B. Use the Data Connection Wizard in Excel to connect to finance and operations using an ODBC connection and

open the CustCustomerV3Entity data entity into the workbook for testing.

C. Use the Dynamics Office Add-in in Excel to connect to the development server URL and open the CustCustomerV3Entity data entity.

D. Use the OData Data Feed functionality in Excel to connect to the OData feed and select the CustCustomerV3Entity data entity into the workbook for testing.

Answer: C

Explanation:

Question: 313

DRAG DROP

Developers at a company discover a bug in the production environment You update the existing code in a development environment to resolve the bug.

You need to get the updated code to the production environment by using Azure DevOps.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Steps to package code and upgrade the production environment Answer Area

:: Generate a deployable package in Azure DevOps by using a build pipeline.

.. Build the solution in Visual Studio and create a deployable package with the " generated DLLs far your model.

:: Develop the code and check it in to your version control system

*; Schedule the production update with the release candidate version

:: Apply the deployable package to a sandbox environment.

.. Mark the deployable package as a release candidate on the sandbox environment

Answer:

Explanation:

Develop the code and check it in to your version control system.

Generate a deployable package in Azure DevOps by using a build pipeline.

Apply the deployable package to a sandbox environment.

Mark the deployable package as a release candidate on the sandbox environment.

Schedule the production update with the release candidate version.

Question: 314

DRAG DROP

A company has a table named CustTrans that includes a column named AmountCur.

You are creating a Power BI analytical report that uses the AmountCur information. The report must show the total transaction amounts recorded in customer transactions for the previous week. The report must also show transaction data for any time during the previous week.

Actions

Answer area

Add a measure named AmountCurSum. Change the value of the column property to AmountCur. Ensure that the value of the Default Aggregate property is set to Count.

Create a view named MyCustTrsnsView.

Add a measure named AmountCurSum. Change the value of the column property to AmountCur. Change the value for the Default Aggregate property to Sum.

Set the value of the Date by dimension relation constraint for the Related field property to TransCate.

Create an aggregate measurement named MyCustTransAgg. Change the value of the measure group Table property to MyCustTfiruView.

Answer:

Explanation:

Actions

Add a measure named AmountCurSum. Change the value of the column property to AmountCur. Ensure that the value of the Default Aggregate property is set to Count.

Answer area

- 1 :: Create a view named MyCustTransView.
- 2 :: Add a measure named AmountCurSum. Change the value of the column property to AmountCur. Change the value for the Default Aggregate property to Sum.
- 3 :: Set the value of the Date by dimension relation constraint for the Related Field property to TransDate.
- 4 :: Create an aggregate measurement named MyCustTransAgg. Change the value of the measure group Table property to MyCustTfiruView.