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Question: 1

- A. At indication time, the Strict Selector has the following functionalities available:
- B. Open in UiExplorer, Copy to clipboard, Show all matches.
- C. Refresh, Open in UiExplorer, Copy to clipboard.
- D. Accuracy, Open in UiExplorer, Copy to clipboard, Show all matches.
- E. Ignore text, Copy to clipboard, Show all matches.

Answer: C

Explanation:

The Strict Selector option allows you to fine-tune the selector by adjusting the accuracy level and showing all the matches in the UI Explorer. The other options are not available at indication time. Reference:

[Selectors in UiPath Studio](#) course, Lesson 3: UI Explorer, Topic: Strict Selector

[UiPath Associate Certification UiRPA Question Latest](#) course, Section 2: UI Automation, Lecture: Question 10

Question: 2

A developer has created a string array variable as shown below:

```
UserNames = {"Jane", "Jack", "Jill", "John"}
```

Which expression should the developer use in a Log Message activity to print the elements of the array separated by the string ", "?

- A. `String.Join(UserNames, ",")`
- B. `String.Join(", ", UserNames)`
- C. `String.Concat(UserNames, ",")`
- D. `String.Concat(", ", UserNames)`

Answer: B

Explanation:

The `String.Join` method takes two parameters: a separator and an array of strings. It returns a new string that concatenates the elements of the array using the separator. The correct syntax is `String.Join(separator, array)`. Therefore, option B is the correct answer.

Reference:

[Automation Developer Associate Training](#) course, Section 1: Data Manipulation, Lecture: Data

Manipulation with Strings in Studio

[How to use Array of string](#) forum post, Answer by @balupad14

Question: 3

What is the default URL of the OCR server that runs the Computer Vision service?

- A. `https://server.uipath.com/`
- B. `https://cvserver.uipath.com/`
- C. `https://cv.uipath.com/`
- D. `https://computervision.uipath.com/`

Answer: C

Explanation:

The default URL of the OCR server that runs the Computer Vision service is <https://cv.uipath.com/>. [This is the endpoint of the UiPath Computer Vision Cloud service, which provides OCR capabilities for document understanding and UI automation1](#). The other options are not valid URLs for the OCR server.

Reference:

[Document Understanding - UiPath.DocumentUnderstanding.OCR.LocalServer Activities](#) documentation, Introduction section

Question: 4

What advantages do pre-built connectors in UiPath Integration Service offer?

- A. Reducing the need for UI and API automation, allowing developers to work exclusively B. with connectors.
- B. Simplified integration with popular applications, faster deployment, and integration across all UiPath Platform product solutions.
- C. Providing a fully customizable catalog of connectors for developing proprietary applications.
- D. Replacing all types of authorization and authentication protocols with a single, standardized method.

Answer: B

Explanation:

[Pre-built connectors in UiPath Integration Service offer the advantage of simplifying the integration process for any automation that uses common applications such as Salesforce, Slack, Microsoft Office 365, SAP®, ServiceNow, and Google G Suite1. They also enable faster deployment and integration across all product solutions within the UiPath Platform2.](#)

Reference:

[New UiPath Integration Service](#) blog post, Pre-built connectors deliver speed and time-to-value section
[Integration Service - Connectors](#) documentation, Introduction section
[Question Answering Results](#) from web search results, New UiPath Integration Service snippet

Question: 5

Which LINQ method is used to filter data in a List or Data Table based on a condition?

- A. OrderBy
- B. Where
- C. GroupBy
- D. Select

Answer: B

Explanation:

The Where method is used to filter data in a List or Data Table based on a condition. [It returns a new collection that contains only the elements that satisfy the condition12. The other methods are used for different purposes: OrderBy for sorting, GroupBy for grouping, and Select for projecting3.](#)

Reference:

[Linq query to filter datatable](#) forum post, Answer by @ppr
[How to use LINQ on a DataTable in Uipath](#) forum post, Answer by @Dave
[How to use LINQ \[Basic to Advanced\] in UiPath](#) event description, Introduction section

Question: 6

Which activity can be used to transition a Background Process to Foreground?

- A. Use Foreground
- B. Activate
- C. Maximize Window
- D. Set Focus

Answer: A

Explanation:

The Use Foreground activity can be used to transition a Background Process to Foreground. [It allows you to perform UI automation tasks that require user interaction or visibility](#)¹. The other activities are not suitable for this purpose.

Reference:

[Background Process Automation](#) documentation, Transitioning a Background Process to Foreground section

Question: 7

When configuring the Max # of retries for the queue in Orchestrator to "1" for your process, and the queue has 5 transaction items.

At runtime, the first transaction item throws a Business Rule Exception.

How does the process proceed?

- A. Transaction is not retried and the process stops.
- B. Transaction is not retried but remaining transactions continue processing.
- C. Transaction is retried only one time.
- D. Transaction is retried multiple times until processed successfully.

Answer: B

Explanation:

[When a transaction item throws a Business Rule Exception, it means that the item does not meet the business requirements and cannot be processed further](#)¹. [Therefore, the transaction item is marked as failed and not retried, regardless of the Max # of retries setting for the queue](#)². [However, the process does not stop and continues with the remaining transaction items in the queue](#)³.

Reference:

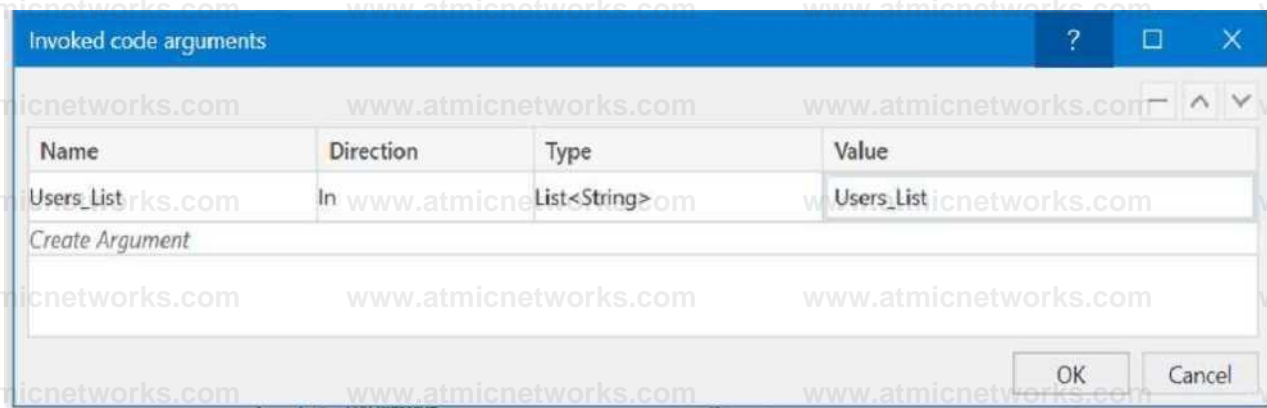
[Business Exception vs System Exception](#) forum post, Answer by @loginerror

[RE Framework MaxRetryNumber and Orchestrator Queue Max # Rertry, again](#) forum post, Answer by @Arpit_Kesharwani

Question: 8

A developer has created a variable of type List of Strings named "UsersList", and initialized it with an empty list: "UsersList = new List(Of String)".

What is printed in the log message after the following Invoke Code is executed?



- A. 0
- B. 2
- C. Object reference not set to an instance exception is thrown
- D. System Argument Exception is thrown

Answer: A

Explanation:

The code is adding two items to the list, but since the list is initialized as an empty list, the count will be 0.

Reference:

[Data Manipulation with Lists and Dictionaries in Studio](#) course, Lesson 2: Lists, Topic: Creating Lists

[How to initiate List<String\[\]>?](#) forum post, Answer by @VishalS

Question: 9

What are the components that define a state within a State Machine in UiPath Studio?

- A. Activities, Connectors, and Annotations.
- B. Input Arguments, Output Arguments, and Variables.
- C. Sequence, Flowchart, and Transactional Business Process.
- D. Entry, Exit, and Transition Actions with Trigger Conditions.

Answer: D

Explanation:

[A state in a State Machine is a set of actions that execute while the workflow is in a certain condition1. Each state has three components: Entry, Exit, and Transition Actions2. Entry Actions are executed when the state is entered, Exit Actions are executed when the state is exited, and Transition Actions are executed when a transition is triggered by a condition3.](#)

Reference:

[State Machines in Studio](#) course, Lesson 1: Introduction to State Machines, Topic: What is a State Machine?

[State Machine](#) documentation, States section

[How does State Machine work?](#) forum post, Answer by @aksh1yadav

Question: 10

Starting with UiPath Studio version 2022.10, what happens to dependencies that lack Windows compatibility when they are converted in a project?

- A. They are replaced with compatible alternatives.
- B. They are removed from the project.
- C. They are marked as unresolved.
- D. They are automatically resolved.

Answer: C

Explanation:

[Starting with UiPath Studio version 2022.10, the default project type is Windows, which uses .NET 6 or .NET 5 with Windows support1. If a project contains dependencies that lack Windows compatibility, such as custom activities or libraries, they are marked as unresolved when the project is converted to Windows2. The developer needs to manually resolve them by finding compatible alternatives or updating the code3.](#)

Reference:

[Studio - Hardware and Software Requirements](#) documentation, Project Compatibility section [Getting error: No compatible version with windows projects](#) forum post, Question by @RajeshT [Uipath New Version Features - 2022.10.3](#) blog post, New Default Project

Compatibility = Windows section

Question: 11

A developer defines new log fields using the Add Log Fields activity. When will the custom log fields stop being added to the robot execution logs?

- A. When an Exception is caught and handled.
- B. When a Remove Log Fields activity is used to remove them.
- C. When a Log Message activity is executed with Log Level = Warn or higher.
- D. When the first Log Message activity is executed.

Answer: B

Explanation:

[The Add Log Fields activity adds custom log fields to the Robot Execution Logs for every Log Message execution throughout the entire workflow1. The custom log fields will persist until a Remove Log Fields activity is used to remove them2.](#) The other options are not correct.

Reference:

[Add Log Fields](#) documentation, Description section

[Add log field](#) forum post, Answer by @vvaitya

Question: 12

What is the purpose of the Interval filter in the Orchestrator's Monitoring page?

- A. It allows you to control the granularity of the displayed data and check the health of your system in either the last day or

the last hour.

- B. It allows you to allocate licenses per machine for the displayed data.
- C. It allows you to choose between background and foreground processes for the displayed data.
- D. It enables you to sort the displayed data based on job priorities.

Answer: A

Explanation:

[The Interval filter in the Orchestrator's Monitoring page lets you select the time range for the data that is displayed on the dashboard1. You can choose between Last Day and Last Hour options to view the performance and health indicators of your system at different levels of detail2.](#)

Reference:

[Monitoring](#) documentation, Interval Filter section
[UiPath Orchestrator Monitoring](#) video, 2:10 - 2:30

Question: 13

What status needs to be selected in the Set Transaction Status activity in UiPath Studio so that the respective Queue Item will be retried?

- A. Failed
- B. Retried
- C. Abandoned
- D. Postponed

Answer: A

Explanation:

[The Set Transaction Status activity is used to mark the result of a queue item processing1. If the queue item fails with an application exception, it can be retried by setting its status to Failed2. The Retried status is automatically assigned by Orchestrator when a retry is triggered3. The Abandoned status is applied when a queue item remains in progress for too long without being processed4.](#) The Postponed status is used to delay the processing of a queue item until a specific date and time. Reference:

[Managing Queues in Studio](#) documentation, Step 9: Set Transaction Status section
[Queue Item Statuses](#) documentation, Retried section
[Automation Best Practices](#) documentation, Queue Item Status section
[Queue Item Statuses](#) documentation, Abandoned section
[Queue Item Statuses](#) documentation, Postponed section

Question: 14

Considering that the attached table is stored in a variable called "dt".

	A	B	C
1	No.	Item	Quantity
2		1 apple	10
3		2 orange	20
4		3 mango	5
5		4 kiwi	80
6		5 pear	1
7		6 apple	5
8		7 apple	12

Which LINQ query can be used to return the maximum total Quantity?

A. `dt.AsEnumerable. GroupBy(Function(x)x("Item"). ToString). Max(Function(x)x.Sum(Function(y)`

`Convert.ToInt32(y("Quantity"). ToString)))`

B. `dt.AsEnumerable. Max(Function(x) Convert. ToInt32(x("Quantity"). ToString))`

C. `dt.AsEnumerable. Max(Function(x) Convert.ToInt32(x("Quantity"). ToString))("Item")`

D. `dt.AsEnumerable. OrderByDescending(Function(x) Convert. ToInt32(x("Quantity"). ToString)). First.Item("Quantity")`

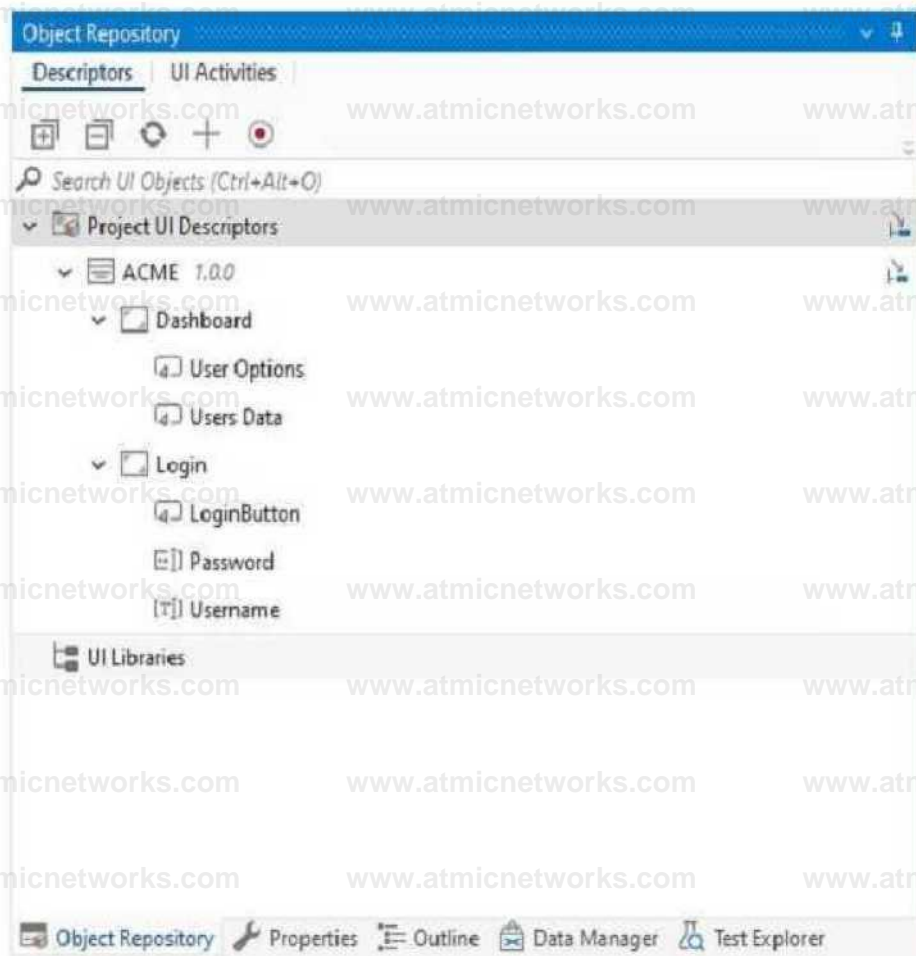
Answer: A

Explanation:

<https://docs.uipath.com/activities/docs/ling-orderbydescending>

Question: 15

Which of the following options is correct regarding the below Object Repository tree structure?



- A. One Screen Two Applications Five UI Elements
- B. One Application Two UI Elements Five Screens
- C. One Library One Application Two Screens Five UI Elements
- D. One Application Two Screens Five UI Elements

Answer: D

Explanation:

The Object Repository tree structure shows one application with two screens and five UI elements. The application is the top-level node, the screens are the second-level nodes, and the UI elements are the third-level nodes. The UI elements have properties, selectors, and images that define them. <https://docs.uipath.com/studio/docs/about-the-object-repository>

Question: 16

Which activity should a developer use to add custom information to logs related to transactions for tracing purposes?

- A. Add Log Fields
- B. Update Logs
- C. Add Custom Log
- D. Build Log

Answer: A

Explanation:

The Add Log Fields activity allows the developer to add custom information to the logs related to transactions for tracing purposes. [The activity adds key-value pairs to the execution context, which are then included in all subsequent logs1. The custom information can be used for filtering, searching, or reporting purposes2.](#)

Question: 17

In the Robotic Enterprise (RE) Framework, at which point should a developer log a clear message with the Logging Level set to "Information," adhering to the best practices for automating a production-level process?

- A. Whenever an argument or value is used.
- B. Whenever data is fetched from external sources.
- C. Whenever an exception is caught in a Catch block.
- D. Whenever the robot encounters an error on a Queue Item.

Answer: C

Explanation:

[Logging Level "Information" is used to log general information about the process execution, such as the start and end of a transaction1. When an exception is caught in a Catch block, the developer should log a clear message with this level to indicate the type and source of the error, and the action taken to handle it2.](#)

<https://docs.uipath.com/studio/standalone/2023.4/user-guide/logging-levels>

Question: 18

When automating the process of entering values into a web form, requiring each field to be brought to the foreground, which property of the Type Into activity should be adjusted to achieve this?

- A. Delay before
- B. Activate
- C. Selector
- D. Input Element

Answer: B

Explanation:

[The Activate property of the Type Into activity allows the developer to bring the specified UI element to the foreground and activate it before the text is written1.](#) This property is useful when the web form fields are not visible or focused by default.

Question: 19

Which logging level includes the following information by default?

1. Execution Started log entry - generated every time a process is started.
 2. Execution Ended log entry - generated every time a process is finalized.
 3. Transaction Started log entry - generated every time a transaction item is obtained by the robot from Orchestrator.
 4. Transaction Ended log entry - generated every time the robot sets the transaction status to either Success or Failed.
 5. Activity Information log entry - generated every time an activity is started, faulted or finished inside a workflow.
 6. Arguments and Variables Information log entry - show values of the variables and arguments that are used.
- A. Critical
 - B. Trace
 - C. Verbose
 - D. Information

Answer: C

Explanation:

[The Verbose logging level includes all the information that is logged by the other levels, plus the values of the variables and arguments that are used in the process1.](#) [By default, the Verbose level includes the following log entries2:](#) Execution Started

Execution Ended

Transaction Started

Transaction Ended

Activity Information

Arguments and Variables Information

<https://docs.uipath.com/robot/standalone/2023.4/user-guide/logging-and-log-levels>

Question: 20

What is the use of job priorities in unattended automations within UiPath Orchestrator?

- A. To determine which processes should be executed first when dealing with multiple jobs.
- B. To sort and organize tasks within a folder.
- C. To create job dependencies that must be completed before new job execution.

D. To determine machine resource allocation among processes.

Answer: A

Explanation:

[Job priorities in unattended automations are used to assign different levels of importance to the processes that are triggered by the Orchestrator1. The job priority can be set as High, Normal, or Low when creating or editing a trigger2. The Orchestrator will execute the jobs based on their priority and the availability of robots3.](#) This feature helps to optimize the performance and efficiency of unattended automations.

<https://forum.uipath.com/t/priority-levels-jobs-and-queue-items/273883>

Question: 21

Which expression correctly converts the string variable "DateString" with the value "03/03/2023 16:23:11" into a Date Time variable?

- A. `DateTime.ParseExact(DateString, "dd/MM/yyyy hh:mm:ss", CultureInfo.InvariantCulture)`
- B. `Date Time.ParseExact(DateString, "MM/dd/yyyy hh:mm:ss", CultureInfo.InvariantCulture)`
- C. `DateTime.ParseExact(DateString, "mm/dd/yyyy HH:mm:ss", CultureInfo.InvariantCulture)`
- D. `DateTime.ParseExact(DateString, "dd/MM/yyyy HH:mm:ss", CultureInfo.InvariantCulture)`

Answer: D

Explanation:

[The DateTime.ParseExact method converts a string into a DateTime object using a specified format and culture1. The format parameter defines the order and symbols of the date and time components in the string2. The culture parameter determines the conventions for date separators, time indicators, and other symbols3.](#)

In this case, the string variable DateString has the value "03/03/2023 16:23:11", which means the 3rd of March, 2023, at 4:23:11 PM. To convert this string into a DateTime variable, we need to use the format "dd/MM/yyyy HH:mm:ss", which matches the order and symbols of the string components. [The "dd" represents the day as two digits, the "MM" represents the month as two digits, the "yyyy" represents the year as four digits, the "HH" represents the hour as two digits in 24-hour format, the "mm" represents the minute as two digits, and the "ss" represents the second as two digits2.](#) The slashes ("/") and colons (":") are used as date and time separators respectively. [The CultureInfo.InvariantCulture parameter specifies that the string uses invariant culture, which means it is not associated with any specific language or region3.](#)

Therefore, option D is the correct expression to convert the string variable DateString into a DateTime variable. Option A has a wrong hour format ("hh" instead of "HH"), which would cause an exception if the hour is greater than 12. Option B has a wrong order of day and month ("MM/dd" instead of "dd/MM"), which would result in an incorrect date. Option C has a wrong minute format ("mm" instead of "MM"), which would cause an exception if the month is greater than 12.

Question: 22

What is a pre-requisite for running InitAllApplications TestCase?

- A. Invoke CloseAllApplications XAML file in Given.
- B. Invoke KillAllProcesses XAML file in Given.
- C. Invoke InitAllSettings XAML file in Given.
- D. Invoke SetTransactionStatus XAML file in Given.

Answer: C

Explanation:

[The InitAllApplications TestCase](#) is used to test the initialization of all the applications that are required for the automation process¹. [The pre-requisite for running this TestCase](#) is to invoke the InitAllSettings XAML file in the Given section of the TestCase². [The InitAllSettings file](#) is responsible for reading the configuration data from the Config.xlsx file and storing it in a dictionary variable³. This data is then used by the InitAllApplications file to open and log in to the applications using the credentials and URLs from the dictionary variable⁴.

Question: 23

Which of the following best describes the Alerts panel?

- A. A panel that displays summaries of the alerts you subscribed to, received as error reports every ten minutes, or as daily reports.
- B. A panel that displays a more comprehensive list of all alerts.
- C. A panel that displays alerts as they occur.
- D. A panel that displays the most severe five alerts, accessible from the Alerts bell.

Answer: D

Explanation:

[The Alerts panel](#) is a feature of the UiPath Orchestrator that shows the most critical alerts related to robots, queue items, triggers, and more¹. [The alerts are displayed in descending order of severity and time](#)². [The Alerts panel can be accessed by clicking the Alerts bell icon on the top-right corner of the Orchestrator dashboard](#)³. [Clicking an alert in the panel redirects the user to the custom filtered page of the associated component](#)⁴.

Question: 24

Consider testing a workflow that computes the sum of two numbers having the data driven test data from the Excel file below:

Number1	Number?	Sum
1	2	3
2	2	4
5	4	9

Expanding the functionality of the workflow to compute the sum of three numbers, the data needs to be updated as well to accommodate the new scenario:

Number1	Number?	Number3	Sum
1	2	2	5
2	2	3	7
5	4	1	10

What are steps to do that?

- A. Click Right on the Test Case and select Update Test Data.

- B. Click Right on the Test Case and select Add Test Data.
- C. Click Right on the Test Case and select Remove Test Data.
- D. Click Right on the Test Case and select Refresh Test Data.

Answer: A

Explanation:

To update the data to accommodate the new scenario, you need to modify the Excel file that contains the test data and then refresh the test case to reflect the changes. The steps are as follows: Open the Excel file that has the test data for the workflow. It should have four columns: Number1, Number2, Sum, and Result.

Add a new column after Number2 and name it Number3. This column will store the third number for the sum operation. Update the existing rows in the Excel file to include a value for Number3 and adjust the value of Sum accordingly. For example, if Number1 is 1, Number2 is 2, and Number3 is 3, then Sum should be 6. Save and close the Excel file.

In UiPath Studio, right click on the test case that uses the Excel file as the test data source and select Update Test Data

a. This will open a window where you can edit the test data settings.

In the Update Test Data window, make sure that the Excel file path is correct and that the sheet name is selected. You can also change the name and description of the test data if you want.

Click OK to save the changes and close the window.

Right click on the test case again and select Refresh Test Data. This will reload the test data from the Excel file and update the test case accordingly.

You have successfully updated the test data to compute the sum of three numbers instead of two. [You can now run or debug your test case with data variations1.](#)

Question: 25

In a UiPath project that uses State Machines, under what circumstances should the Final State activity be used in the project?

- A. When initiating the first state of a state machine.
- B. When marking the successful completion or termination of a state machine's execution.
- C. When a particular state contains complex conditional logic.
- D. When an intermediary state has multiple possible transitions.

Answer: B

Explanation:

[The Final State activity is used to indicate the end of a state machine's execution, either successfully or with an error1. The Final State activity has only one section, Entry, where you can add activities to perform before exiting the state machine2. You can have more than one Final State in a state machine, but you can only create one Initial State3.](#) The Final State activity should be used when you want to mark the completion or termination of a state machine's execution, not when initiating the first state, handling complex logic, or having multiple transitions.

<https://docs.uipath.com/activities/other/latest/workflow/final-state>

Question: 26

What actions must be manually selected in the App/Web Recorder before recording a step?

A. Copy text using the Get Text activity.

Hover over an element using the Hover activity.

Highlight an element using the Highlight activity.

B. Copy text using the Get Text activity.

Hover over an element using the Hover activity.

Click on buttons, links, and other clickable elements such as icons or images.

Type text in a text area such as a text box.

Select or clear a check box.

C. Select or clear a check box.

Send keyboard shortcuts using your keyboard.

Select an item from a drop-down.

D. Click on buttons, links, and other clickable elements such as icons or images.

Type text in a text area such as a text box.

Select or clear a check box.

Send keyboard shortcuts using your keyboard.

Select an item from a drop-down.

Answer: A

Explanation:

[The App/Web Recorder is a tool that allows you to record your actions on an application or a web browser and generate activities automatically1. The App/Web Recorder has a toolbar that contains different actions that you can select before recording a step2.](#)

Some of these actions are: Click: This action records a click on a button, link, or any other clickable element.

Type: This action records typing text in a text box or any other text area.

Check: This action records selecting or clearing a check box.

Send Hotkey: This action records sending keyboard shortcuts using your keyboard.

Select Item: This action records selecting an item from a drop-down list or any other selector.

[These actions are automatically detected and recorded by the App/Web Recorder when you perform them on the application or](#)

[web browser](#)³. However, there are some actions that are not automatically detected and recorded by the App/Web Recorder, and you need to manually select them from the toolbar before recording a step. These actions are:

Get Text: This action records copying text from a label, paragraph, or any other text element.

Hover: This action records hovering over an element with your mouse cursor.

Highlight: This action records highlighting an element with a colored border.

[These actions are useful for extracting data, triggering events, or identifying elements on the application or web browser](#)⁴. [To use these actions, you need to select them from the toolbar and then indicate the element on the screen that you want to apply them to](#)⁵.

Therefore, option A is the correct answer, as it lists the actions that must be manually selected in the App/Web Recorder before recording a step. Option B includes some actions that are automatically detected and recorded by the App/Web Recorder, such as Click and Type. Option C also includes some actions that are automatically detected and recorded by the App/Web Recorder, such as Check and Send Hotkey. Option D includes all the actions that are automatically detected and recorded by the App/Web Recorder.

Question: 27

What is the functionality of the Include Subfolders filter in the Monitoring pages when a modern folder is selected?

- A. It allows you to choose between background and foreground processes for the displayed data.
- B. It allows you to select whether the contents of the selected folder's subfolders are displayed.
- C. It enables you to sort the displayed data based on job priorities.
- D. It allows you to allocate licenses per machine for the displayed data.

Answer: B

Explanation:

[The Include Subfolders filter is a toggle button that appears in the Monitoring pages when a modern folder is selected from the Folders drop-down list](#)¹. [The modern folders are folders that can have subfolders and support role-based access control](#)². [The Include Subfolders filter allows you to choose whether to display the data for the selected folder only, or for the selected folder and all its subfolders](#)³. [This filter applies to the Jobs, Queues, Triggers, and Robots pages](#)⁴. The Include Subfolders filter helps you to monitor and manage the processes and resources across different levels of folders.

<https://forum.uipath.com/t/read-all-file-from-sub-folder-and-sub-folder-of-sub-folder/460493>

Question: 28

What is a prerequisite for performing Remote Debugging using a Remote Machine Connection?

- A. Studio and the remote robot must be connected to the same Orchestrator tenant.
- B. The same user must be signed in Studio and the remote robot.
- C. Studio, the remote robot, and Orchestrator are running version 2021.10 or later.
- D. TCP/IP connectivity exists between the Studio machine and the remote machine.

Answer: D

Explanation:

[Remote Debugging is a feature that allows you to debug a process that is running on a remote machine or robot from your Studio1.](#) [To use Remote Debugging, you need to have a Remote Machine Connection, which is a connection type that enables you to interact with a remote machine using its IP address and port number2.](#) [The prerequisite for performing Remote Debugging using a Remote Machine Connection is that TCP/IP connectivity exists between the Studio machine and the remote machine3.](#) [TCP/IP is a protocol that defines how data is transmitted and received over a network4.](#) Without TCP/IP connectivity, the Studio machine cannot communicate with the remote machine and cannot debug the process.

[Option A is incorrect because Studio and the remote robot do not need to be connected to the same Orchestrator tenant for Remote Debugging using a Remote Machine Connection5.](#) Option B is incorrect because the same user does not need to be signed in Studio and the remote robot for Remote Debugging using a Remote Machine Connection. Option C is incorrect because Remote Debugging using a Remote Machine Connection does not require Studio, the remote robot, and Orchestrator to be running version 2021.10 or later. Remote Debugging using a Remote Machine Connection was introduced in version 2020.10.

Question: 29

Which command in the UiPath installation folder configures the UiPath.RemoteDebugging.Agent utility on a Windows robot to accept remote debugging requests from Studio?

- A. dotnet ./UiPath.RemoteDebugging.Agent.dll enable -- port -- password -- verbose
- B. UiPath.Remote Debugging.Agent.exe start -- port -- password -- verbose
- C. UiPath.Remote Debugging.Agent.exe enable -- port -- username -- password -- verbose
- D. UiPath.Remote Debugging.Agent.exe enable -- port -- password -- verbose

Answer: D

Explanation:

[The UiPath.RemoteDebugging.Agent utility is a tool that enables remote debugging on a Windows robot1.](#) [To configure the utility to accept remote debugging requests from Studio, you need to run a command in the UiPath installation folder using the Command Prompt2.](#) The command is: `UiPath.RemoteDebugging.Agent.exe enable --port <port_number> --password <password> --verbose` The arguments in the command are:

- `--port <port_number>`: Specify the port number to use for the remote debugging connection. [The default value is 80803.](#)
- `--password <password>`: Specify the password to use for the remote debugging connection. The password must match the one entered in Studio when creating a Remote Machine Connection.
- `--verbose`: Enable verbose logging for the utility. This argument is optional.

Therefore, option D is the correct command to configure the UiPath.RemoteDebugging.Agent utility on a Windows robot to accept remote debugging requests from Studio. Option A is incorrect because it uses dotnet instead of exe, which is only applicable for macOS robots. Option B is incorrect because it uses start instead of enable, which is only used to start the utility after it is configured. Option C is incorrect because it uses username instead of password, which is not required for the remote debugging

Question: 30

Which of the following credentials stores have built in support in Orchestrator?

- A. Azure Key Vault, CyberArk CCP, HashiCorp Vault, Thycotic Secret Server, BeyondTrust, CyberArk.
- B. CyberArk CCP, Cisco, Google Credentials, CyberArk, Azure Key Vault.
- C. CyberArk CCP, Azure Key Vault, Google Credentials, Amazon Security Services.
- D. Cisco, Amazon Security Services, Google Credentials, Microsoft SCS, IBM Vault.

Answer: A

Explanation:

[Credential stores are secure locations where you can store and retrieve sensitive data such as robot credentials and credential assets1. Orchestrator supports the use of multiple credential stores and has built-in integrations with the following ones2:](#)

[Azure Key Vault: A cloud-based service that provides secure storage and management of secrets, keys, and certificates3.](#)

[CyberArk CCP: A component of the CyberArk Privileged Access Security Solution that provides centralized management and distribution of credentials to applications and robots4.](#)

[HashiCorp Vault: A tool that enables secure access to secrets and encryption keys across dynamic environments5.](#)

Thycotic Secret Server: A web-based solution that protects privileged accounts and credentials from cyberattacks and insider threats.

BeyondTrust: A platform that offers privileged access management, remote access, and vulnerability management solutions.

CyberArk: A leader in privileged access management that secures credentials, sessions, and endpoints across hybrid and cloud environments.

Therefore, option A is the correct answer, as it lists all the credential stores that have built-in support in Orchestrator. Option B is incorrect because it includes Cisco and Google Credentials, which are not credential stores supported by Orchestrator. Option C is incorrect because it includes Amazon Security Services, which is not a credential store supported by Orchestrator. Option D is incorrect because it includes Cisco, Amazon Security Services, Microsoft SCS, and IBM Vault, which are not credential stores supported by Orchestrator.

Question: 31

What is the role of connections in the UiPath Integration Service?

- A. Connections establish tasks and exchanges between users and external applications using the authentication process of the API provider.
- B. Connections establish tasks and exchanges based on a connector's compatibility with the external application.
- C. Connections establish tasks and exchanges between users and external applications using the authentication process of the UI automation provider.
- D. Connections establish tasks and exchanges between users and external applications using the server-side triggers.

Answer: A

Explanation:

Connections are the core component of the UiPath Integration Service. They enable you to create and manage tasks and exchanges between users and external applications using the authentication process of the API provider. Each connection is associated with a specific connector, which defines the actions and triggers that can be performed on the external application. You can create connections in the Integration Service page of the Automation Cloud portal, and use them in your automation projects in Studio, StudioX, Apps, or Assistant. [You can also share connections with other users or groups in your organization using folders and permissions1.](#)

Reference: [Integration Service - Connections - UiPath Documentation Portal](#)

Question: 32

What is the main function of the UiPath Remote Runtime component?

- A. It facilitates the communication between a remote application or desktop and the dedicated UiPath extension, allowing selectors to be natively generated in UiExplorer.
- B. It enables the use of OCR and image recognition activities on remote applications or desktops, without any extensions, allowing selectors to be natively generated in UiExplorer.
- C. It introduces support for headless browser automation, so browser automation doesn't necessarily have to rely on visual elements on screen, such as window frames.
- D. It allows automations to run on the user machine, in a different Windows session.

Answer: A

Explanation:

The UiPath Remote Runtime component is a component that enables the communication between a remote application or desktop, such as Citrix Virtual Apps, and the dedicated UiPath extension, such as the UiPath Extension for Citrix or the UiPath Extension for Windows Remote Desktop. [It gathers information about the targeted UI elements of the remote applications and sends them to the corresponding extension, so that selectors can be natively generated in UiExplorer1. This way, you can create and manage tasks and exchanges between users and external applications using the authentication process of the API provider2. The UiPath Remote Runtime component is required to establish the connection between an application or desktop server and a corresponding UiPath extension installed on a client machine, without having to rely on OCR and image recognition activities3.](#)

Reference:

[Studio - About UiPath Remote Runtime - UiPath Documentation Portal.](#)

[Integration Service - Connections - UiPath Documentation Portal.](#) [UiPath UiPath Runtime - Citrix Ready Marketplace.](#)

Question: 33

What is the purpose of the Capture All Elements feature in Object Repository?

- A. To capture the selected elements of an application from multiple screens simultaneously using the Computer Vision technology.
- B. To capture all the available elements of an application using the Computer Vision technology.
- C. To capture the selected elements of an application using the Computer Vision technology.
- D. To capture all elements of an application from multiple screens simultaneously using the Computer Vision technology.

Answer: D

Explanation:

The Capture All Elements feature is a tool that lives inside Capture Elements from Object Repository, and it extracts all the elements of an application from multiple screens simultaneously using the Computer Vision technology. [It adds them to your Object Repository library, so that you can use them in your automation projects without having to manually add them one by one1. This feature is available in Studio and Studio Pro, but not in StudioX2.](#)

Reference:

[UiPath Community 2021.10 Stable Release - UIAutomation.](#)

[Capture Elements for Object Repository - UiPath Community Forum.](#)

Question: 34

Which of the following statements accurately describes the primary components of a State Machine in a workflow?

- A. A State Machine consists of four primary components: States, Triggers, Transitions, and Actions.

- B. A State Machine is composed of States, Triggers, and Loops.
- C. A State Machine comprises three main components: Sequences, Flowcharts, and Input/Output Arguments.
- D. A State Machine is made up of States, Transitions, Entry Actions, and Exit Actions.

Answer: D

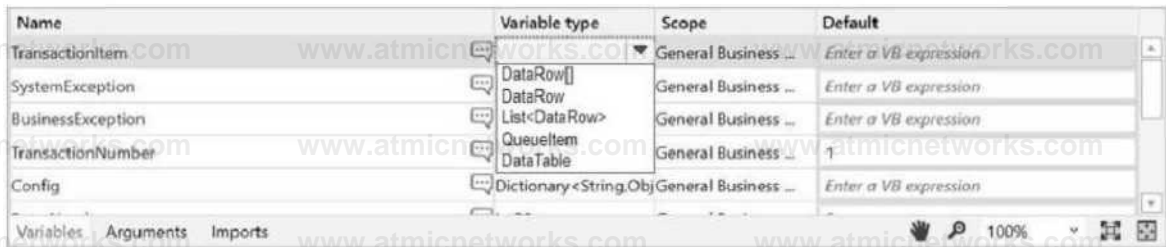
Explanation:

Question: 35

HOTSPOT

A developer aims to employ the REFramework for automating a business process that involves a TransactionData collection (DataTable) comprising vendor names and addresses.

Instructions: Choose the appropriate variable type for the TransactionItem from the provided dropdown list in the following exhibit.



Answer:

Explanation:

DataRow

The REFramework is a template that provides a robust and scalable structure for building automation projects. [It uses the concept of TransactionData and TransactionItem to handle the input data and process it in a loop1. The TransactionData is a collection of items that need to be processed, and the TransactionItem is a single item from that collection that is assigned to the robot in each iteration2.](#) The type of the TransactionItem variable depends on the type of the TransactionData variable. [By default, the REFramework uses QueueItem as the type for both variables, assuming that the input data comes from an Orchestrator queue3.](#) [However, if the input data comes from a different source, such as an Excel file, a web page, or a SAP application, then the type of both variables needs to be changed accordingly4.](#)

In your case, since the input data is a DataTable that contains vendor names and addresses, the appropriate type for the TransactionItem variable is DataRow. A DataRow represents a single row in a DataTable, and it can store multiple values in its columns. By using DataRow as the type for the TransactionItem variable, you can access and manipulate the vendor information in each iteration of the process.

Reference:

[REFramework Documentation - UiPath Documentation Portal.](#)

[ReFramework - TransactionItem type - Help - UiPath Community Forum.](#)

[ReFramework for Tabular Data - RPA Component - UiPath Marketplace.](#)

[Transaction Item variable type - Studio - UiPath Community Forum.](#) [DataRow Class (System.Data) | Microsoft Docs].

Question: 36

How does UiPath Integration Service benefit automation developers?

- A. By standardizing authorization and authentication, managing API connections, and enabling faster integration into SaaS platforms.
- B. By offering a comprehensive, unified platform dedicated solely to UI automation, enabling seamless integration with third-party applications.
- C. By enabling developers to create custom UI elements for applications without using APIs.
- D. By substituting the requirement for API automation with UI automation capabilities, delivering a more manageable and user-friendly approach, allowing users to streamline their processes efficiently and effectively facilitating a more rapid integration process.

Answer: A

Explanation:

[The UiPath Integration Service is a new feature that seamlessly combines world-class UI and API automation, allowing both capabilities to be centrally accessed within the same integration design environment¹². This empowers developers to flexibly capture all their automation opportunities, even allowing them to deploy both types of integrations within a single automation¹².](#)

[The UiPath Integration Service also provides the following benefits for automation developers¹²:](#)

[By standardizing authorization and authentication, it simplifies the security protocols for connecting to different systems and applications, such as Salesforce, SAP, or Google G Suite².](#)

[By managing API connections, it enables developers to create, modify, reuse, and share connections to multiple systems using pre-built connectors or custom connectors².](#)

[By enabling faster integration into SaaS platforms, it allows developers to leverage server-side event triggers to start automations based on data updates, insertions, or deletions in external applications².](#)

Reference:

[Introducing UiPath Integration Service | UiPath.](#)

[New UiPath Integration Service | UiPath.](#)

Question: 37

A developer intends to enter text into an input field using a combination of a string and a hotkey. The input action should take place within a hidden or minimized window.

Which input method(s) can be used individually for the Type Into activity?

- A. Simulate only.
- B. Simulate and Window Messages.
- C. Same as App/Browser and Simulate.
- D. Window Messages only.

Answer: B

Explanation:

The Type Into activity is used to enter text in a specified UI element, such as a text box. [It has three input methods that can be selected from the properties panel: Default, Simulate, and Window Messages¹. Each input method has different advantages and limitations, depending on the target application and the automation scenario².](#)

The Default input method uses the hardware driver to simulate the keystrokes, as if a human user is typing on the keyboard. It is the most reliable and compatible input method, but it requires the target application to be in focus and visible on the screen. It also supports sending special keys, such as Tab or Enter, using brackets [k(enter)] or [k(tab)].

The Simulate input method uses the technology of the target application to directly inject the text into the UI element. It does not rely on the hardware driver, so it can work in the background, even if the target application is hidden or minimized. It also supports sending special keys using brackets [k(enter)] or [k(tab)]. However, it may not be compatible with some applications or UI elements

that do not support this method.

The Window Messages input method uses the Windows API to send messages directly to the target application. It can also work in the background, even if the target application is hidden or minimized. It does not support sending special keys using brackets [k(enter)] or [k(tab)], but it can send them using modifiers such as {ENTER} or {TAB}. However, it may not be compatible with some applications or UI elements that do not accept window messages.

Therefore, if a developer intends to enter text into an input field using a combination of a string and a hotkey, and the input action should take place within a hidden or minimized window, they can use either the Simulate or the Window Messages input method individually for the Type Into activity. They cannot use the Default input method, because it requires the target application to be in focus and visible on the screen. They also cannot use the Same as App/Browser input method, because it is not an option for the Type Into activity.

Reference:

[Type Into - UiPath Documentation Portal.](#)

[What are different Input methods in UiPath - UiPath Community Forum.](#)

Question: 38

Following UiPath best practices, which project structure is best-suited for complex processes in UiPath Studio?

- A. State Machine
- B. Global Exception Handler
- C. Sequence
- D. Flowchart

Answer: A

Explanation:

[According to the UiPath documentation and best practices, the State Machine project structure is best-suited for complex processes that involve multiple states and transitions between them](#)¹². A State Machine workflow can model the behavior of a system in terms of states, such as "Init", "Get Transaction Data", "Process Transaction", and "End Process", and transitions, such as "Success", "Business Rule Exception", or "System Error". [A State Machine workflow can also have entry and exit actions for each state, which are activities that execute when the system enters or exits the state, respectively](#)¹.

[A State Machine project structure has several advantages over other project structures, such as Sequence, Flowchart, or Global Exception Handler, for complex processes](#)²:

[It can handle complex logic and branching conditions more easily and clearly than a Sequence or a Flowchart, which can become cluttered and hard to maintain for large processes](#)².

It can handle exceptions and errors more efficiently and consistently than a Global Exception Handler, which is a separate workflow that handles all exceptions in a project. [A State Machine can have dedicated states and transitions for handling different types of exceptions, such as business rule exceptions or system errors, and can also use retry mechanisms or recovery actions](#)².

It can improve the readability, modularity, and reusability of the workflows, by breaking down the process into smaller and coherent states that can be invoked from the main workflow. [This also facilitates collaboration and testing among developers](#)².

Therefore, a State Machine project structure is best-suited for complex processes that involve multiple states and transitions between them.

Reference:

[State Machine Workflows - Campus Management Corp.](#), [UiPath Best Practices - Studio - UiPath Community Forum.](#)

Question: 39

A developer configured the properties for a Click activity on an element inside a web page as shown in the following exhibit.

UIPathUIAutomationNextActivities. NClick

□ Common

Continue on error

Continue executing the activities in the automa **B**

Delay after

Delay (in seconds) after this activity is completed, be

Delay before

Delay (in seconds) to wait before executing this octn
Click

DisplayName

Timeout

The amount of time (in seconds) to wait for the i *

□ Input

Click type

NClickType.Single * ,,

Cursor motion type

Specifies the type of motion performed by them •

Mouse button

NMouseButton.Left , ...

□ Target

Click offset

TargetAnchorable
(null)

Fuzzy selector

"cwebctrl ana-role; button' type; submit tag='IM

Native text

Enter a VB expression > ^ < , 1

Responsive websites

Strict selector

"<webctrl ana-role; button' css-selector; body&g 141

Targeting methods

Strict selector *

Visibility check

Interactive (for Fuzzy Selector) v

Wait for page load

NWaitForReady Interactive * _

Window selector (Application instance)

"<html app;'msedge.exe' title; " />"

3 Verify execution

(null)

S Input/Output Element

Input element

The Input UI Element defines the screen element the m

Output element

Output a UI Element to use in other activities as anil

0 Miscellaneous

Private

□

□ Options

Alter disabled element

When selected, the activity executes the action e **B**

Input mode

Same as App/Browser v

Key modifiers

NKeyModifiers None * ,,

An animation on the web page never completely loads but the element indicated in the Click activity does load within the specified timeout duration. What occurs when this Click activity executes?

- A. Element is clicked once the element is fully loaded.
- B. Timeout error occurs without clicking on the element.
- C. Waits 10 seconds before clicking on the element.
- D. Continues to the next activity after 30 seconds without clicking on the element.

Answer: A

Explanation:

[The Click activity is used to simulate a mouse click on a specified UI element, such as a button or a link1. It has several properties that can be configured to customize its behavior, such as the input method, the click type, the timeout, and the wait for ready1.](#)

The input method determines how the click is performed. It can be Default, Simulate, or Window Messages. The Default method uses the hardware driver to simulate the click, and it requires the target element to be visible and in focus. [The Simulate and Window Messages methods use the technology of the target application to inject the click, and they can work in the background, even if the target element is hidden or minimized2.](#)

The click type determines which mouse button is used for the click. It can be Single, Double, Down, or Up. The Single and Double types perform a single or double click using the left mouse button. [The Down and Up types perform a press or release action using any mouse button1.](#)

The timeout determines how long the activity waits for the target element to appear before throwing an error. It is measured in milliseconds, and it has a default value of 30000 (30 seconds). [If the timeout is exceeded, the activity fails with a TimeoutException1.](#)

The wait for ready determines when the activity executes. It can be None, Interactive, or Complete. The None option executes the activity immediately. The Interactive option executes the activity after the target element is loaded. [The Complete option executes the activity after the target application is loaded1.](#)

In your case, you have configured the properties for the Click activity as follows:

Input method: Simulate

Click type: Single

Timeout: 30000

Wait for ready: Complete

This means that the Click activity will use the Simulate method to perform a single click on the target element in the background, after waiting for 30 seconds or until the target application is fully loaded, **whichever comes first.**

Since you have mentioned that an animation on the web page never completely loads but the element indicated in the Click activity does load within the specified timeout duration, what occurs when this Click activity executes is: Element is clicked once the element is fully loaded.

This is because the Simulate method can work in the background, even if the web page is hidden or minimized, and it does not depend on the animation to complete. The Complete option for wait for ready ensures that the Click activity waits until the target element is loaded before clicking on it. The timeout value of 30000 does not affect this scenario, because it is not exceeded.

Therefore, option A is correct.

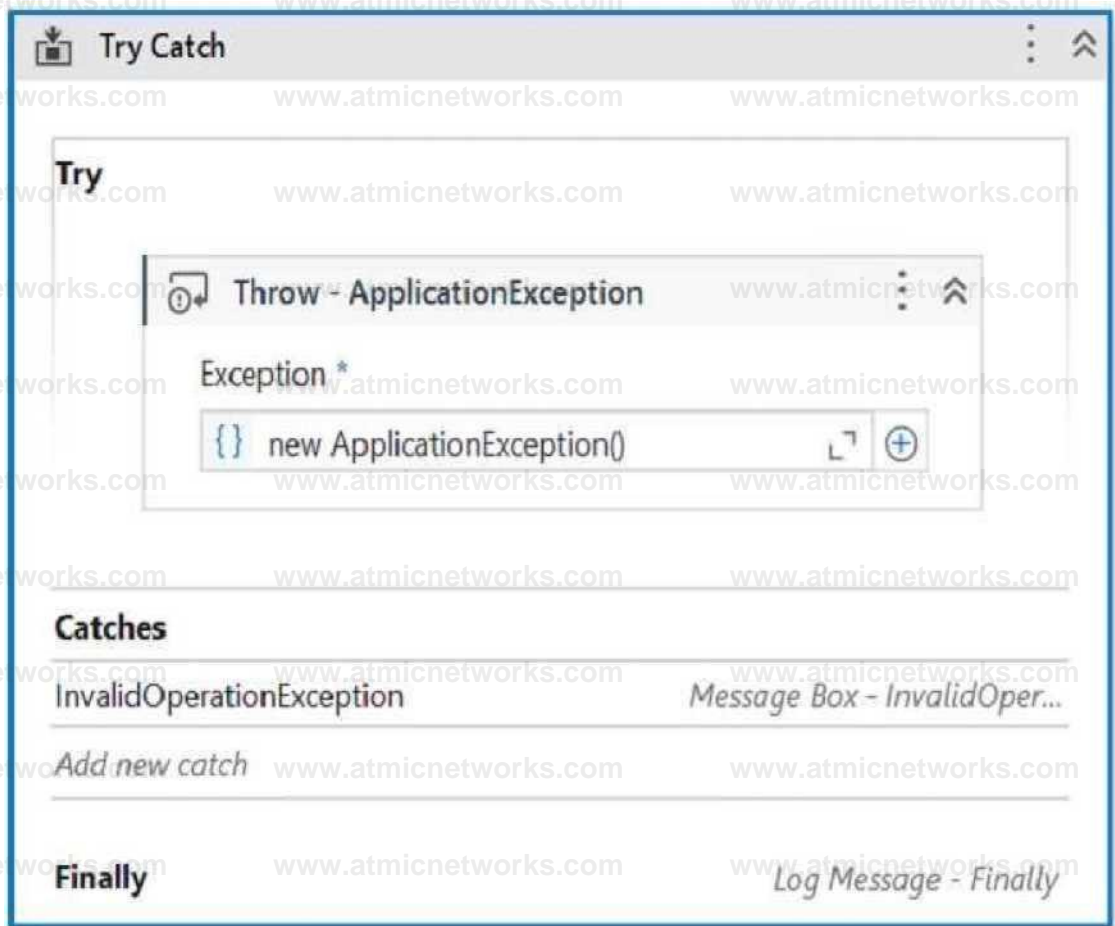
Reference:

[Click - UiPath Documentation Portal.](#)

[What are different Input methods in UiPath - UiPath Community Forum.](#)

Question: 40

When encountering an ApplicationException, what occurs if the developer chooses InvalidOperationException as the exception handler within the Catches section of the Try Catch activity?



- A. The Finally block is executed and the Catches section catches the exception.
- B. A runtime error occurs and the Finally block is not executed.
- C. No exceptions are happening and the workflow continues to execute.
- D. No exception is thrown and the Finally block executes.

Answer: B

Explanation:

[The Try Catch activity is used to handle errors and exceptions that may occur during the execution of a workflow1. It has three sections: Try, Catches, and Finally1.](#)

The Try section contains the activities that may throw an exception or an error. [If an exception or an error occurs, the execution of the Try section is stopped and the control is passed to the Catches section1.](#)

The Catches section contains one or more exception handlers that specify what type of exception or error to catch and what actions to perform when it is caught. The exception handlers are executed in order, from top to bottom, until a matching exception or error is found. [If no matching exception or error is found, the execution of the workflow is stopped and a runtime error is thrown1.](#)

The Finally section contains the activities that are always executed at the end of the Try Catch activity, regardless of whether an exception or error occurred or not. [The Finally section is used to perform cleanup actions, such as closing applications, releasing resources, or logging messages1.](#) In your case, you have configured the properties for the Try Catch activity as follows: The Try section contains a Throw activity with an ApplicationException.

The Catches section contains an InvalidOperationException with a Message Box activity and a Log Message activity.

The Finally section is empty.

This means that the Try Catch activity will throw an ApplicationException in the Try section and look for a matching exception handler in the Catches section. However, since you have chosen InvalidOperationException as the exception handler, which does not match the ApplicationException, the execution of the workflow will be stopped and a runtime error will occur. The Finally section will not be executed.

Therefore, option B is correct.

Reference: [Try Catch - UiPath Documentation Portal](#).

Question: 41

A developer needs to create a repetitive process in the REFramework. Following the best practices, which action(s) should be performed to defend against potential robot crashes such as "out of memory"?

- A. Build a script that compares current CPU usage values to a threshold and clears data as needed.
- B. After every transaction, clear the transaction data, close the applications, and re-open the applications.
- C. All "Invoke Workflow File" activities from the Main.xaml file should be marked with the Isolated option.
- D. Add a "Clear Collection" activity at the beginning of the Process.xaml workflow.

Answer: B

Explanation:

The REFramework is a template that helps developers create robust and reliable automation processes. It follows the best practices of error handling, logging, and retry mechanisms. One of the best practices is to clear the transaction data, close the applications, and re-open the applications after every transaction. This helps to avoid potential robot crashes such as "out of memory" by freeing up the memory and resources used by the applications. It also ensures that the applications are in a consistent state for the next transaction.

Reference: [REFramework documentation](#), [REFramework best practices](#)

Question: 42

The Extract PDF Page Range activity is used to extract a specific set of pages from a PDF file. Which of the following statements correctly describes this activity?

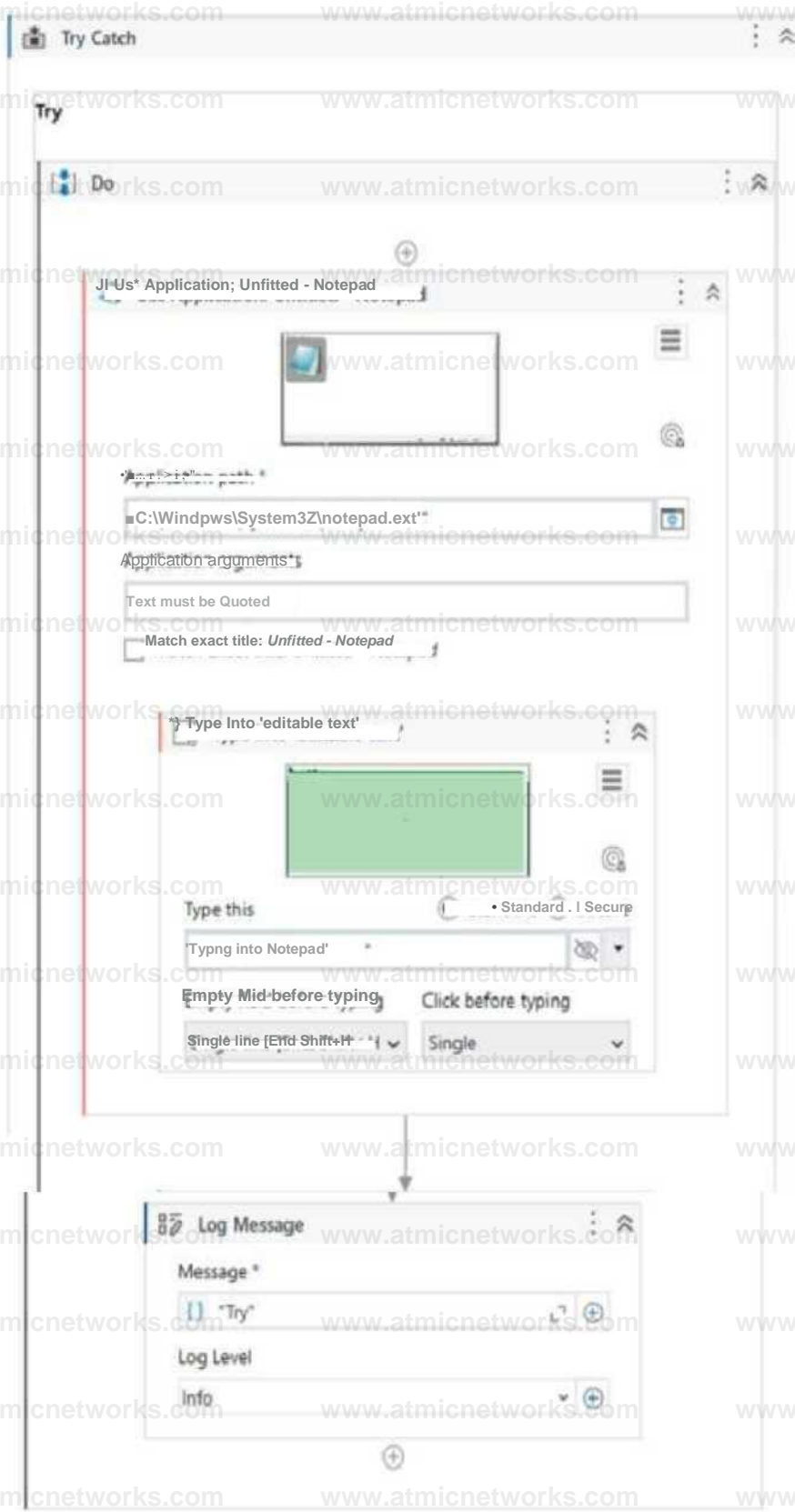
- A. OutputFileName argument is optional.
- B. Range argument accepts complex range values or "All".
- C. PageCount argument outputs the number of extracted pages.
- D. Password-protected PDF files cannot be processed with this activity.

Answer: B

Explanation:

[The Extract PDF Page Range activity is used to extract a specific set of pages from a PDF file and save them as a new PDF file1. The OutputFileName argument is required and specifies the path and name of the new PDF file1. The Range argument accepts complex range values or "All" to indicate which pages to extract12. For example, "1-3,5,7-9" will extract pages 1 to 3, 5, and 7 to 92. The PageCount argument outputs the number of pages in the original PDF file, not the extracted pages1. Passwordprotected PDF files can be processed with this activity by using the Password argument to provide the password1.](#)

Reference: [Extract PDF Page Range documentation](#), [Extract PDF Page Range example](#).



SelectorNotFoundException exception

Log Message

Message *
{} "SelectorNotFoundException" ↵ +

Log Level
Error ▼ +

ApplicationNotFoundException exception

Log Message

Message *
{} "ApplicationNotFoundException" ↵ +

Log Level
Error ▼ +

Add new catch

Finally

Drop activity here

Continue on error

DisplayName

Timeout

Input

Unified Application Target

Input/Output Element

Input element

Output element

Misc

Private

Options

Close

Input mode

Open

Reside window

Window attach mode

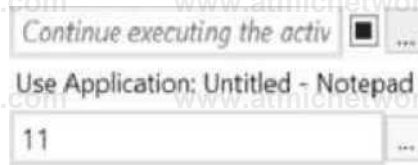
Options - Browser

Incognito/private window

User data folder mode

User data folder path

WebDriver mode



TargetApp

The Input UI Element defines the _.

Output a UI Element to use in of ..



Opens the new browser sessi B ...

The user data folder mode y » ^

The user data folder that the bre _.

Indicates how WebDriver is i•...

Properties

v 4

UiPath.UIAutomationNext.Activities.NTypeInto

0 Common

Continue on error

Continue executing the activity -

Delay after

Delay (in seconds) after this activity -

Delay before

Delay (in seconds) to wait before e -

Display Name ^

Type Into "editable text"

Timeout

10

- ...

 Input

Secure text

The SecureString value to enter. ...

 Target

TargetAnchorable

*

 Click offset

(null)

Fuzzy selector

■ <wnd aaname-Horizontalrcl\$=" _

Native text

Enter a VB expression

Responsive websites

Strict selector

* <wnd aaname-Horizontal'cls=' _

Targeting methods

Strict selector, Fuzzy selector, Image < *

Visibility check

Interactive (for Fuzzy Selector) v

Wait for page load

Before performing the action, i •

Window selector (Application instance)

* <wnd app=notepad.exe' ds='N< -

Text

'Typing into Notepad' & ...

 Verify execution

(null)

If the automation is executed and Notepad.exe is not running, which Log Message text value is contained in the Output panel?

- A. Exception
- B. ApplicationNotFoundException
- C. Try
- D. SelectorNotFoundException

Answer: D

Explanation:

Based on the image you sent, the automation process consists of four steps: opening Notepad.exe, typing some text, saving the file, and closing Notepad.exe. Each step has a Log Message activity that writes a text value to the Output panel. If Notepad.exe is not running, the first step will fail and throw an exception. [The exception type is](#)

[SelectorNotFoundException, because the Open Application](#)

[activity cannot find the selector for Notepad.exe](#)¹. Therefore, the Log Message text value that is contained in the Output panel is "SelectorNotFoundException", which is option D).

Reference: [Open Application documentation](#).

Question: 44

What distinguishes the Settings sheet from the Assets sheet in the "Config.xlsx" file?

- A. Settings sheet contains hard-coded values. Assets sheet contains all names of Orchestrator Assets including those of type Credential.
- B. Settings sheet contains only values used for the initialization of applications. Assets sheet contains only Credential Assets stored in Orchestrator.
- C. Settings sheet contains hard-coded values. Assets sheet contains all names of Orchestrator Assets except those of type Credential.
- D. Settings sheet contains Credential Assets stored in Orchestrator. Assets sheet contains hard-coded values.

Answer: C

Explanation:

[The Config.xlsx file is a configuration file that stores the values of various parameters used in the automation process](#)¹. [It has three sheets: Settings, Constants, and Assets](#)². [The Settings sheet contains hard-coded values that may need to be changed occasionally, such as file paths, file names, timeout values, etc](#)³. [The Constants sheet contains values that are universal variables for the process, such as selectors, URLs, etc](#)³. [The Assets sheet contains the names of Orchestrator Assets that are used to store dynamic values that can be accessed across different processes, such as credentials, text, boolean, integer, etc](#)⁴. However, the Assets sheet does not contain the names of Credential Assets stored in Orchestrator, because they are retrieved using a different activity (Get Credentials) than other assets (Get Asset). Therefore, the Credential Assets are stored in the Settings sheet instead of the Assets sheet.

Reference: [Config.xlsx documentation](#), [Settings, Constants and Assets sheet in config file](#), [Config Dictionary in ReFramework without Excel](#), [Custom Configuration File Reader](#), [UiPath Framework - Assets VS Settings Sheet of Config.xlsx].

Question: 45

How would you define a linear process in UiPath?

- A. The steps of the process repeat multiple times over different data items. However, the automation design is such that each repeatable part processes independently.
- B. The steps of the process are performed multiple times, but each time different data items are used.
- C. The steps of the process refer to the execution of steps in a sequential manner, where each subsequent step depends on the successful completion of the previous step.
- D. The process steps are performed only once. If the need is to process additional data, then the automation must execute again.

Answer: D

Explanation:

A linear process in UiPath is a type of automation process that consists of a series of steps that are executed only once for a single data item or transaction. A linear process does not have any loops or iterations, and it does not depend on any external factors or conditions. A linear process is suitable for scenarios where the automation process is simple, straightforward, and does not require any dynamic branching or decision making. (UiPath Automation Developer study guide)

References:

[Framework for linear process or single transaction](#)

[How to modify ReFramework to Linear Process](#)

[Difference between Linear process and Transactional process](#)

Question: 46

Which of the following is an outcome of converting a personal workspace into a folder in UiPath Orchestrator?

- A. The owner of the initial workspace is added by default to the newly created folder and assigned the Folder Administrator role.
- B. The owner of the initial workspace and the admin user are added by default to the newly created folder and assigned the Personal Workspace Administrator role.
- C. The admin user is added by default to the newly created folder with the User Administrator role.
- D. The owner of the initial workspace loses access to the newly created folder and the existing admin users are added by default.

Answer: A

Explanation:

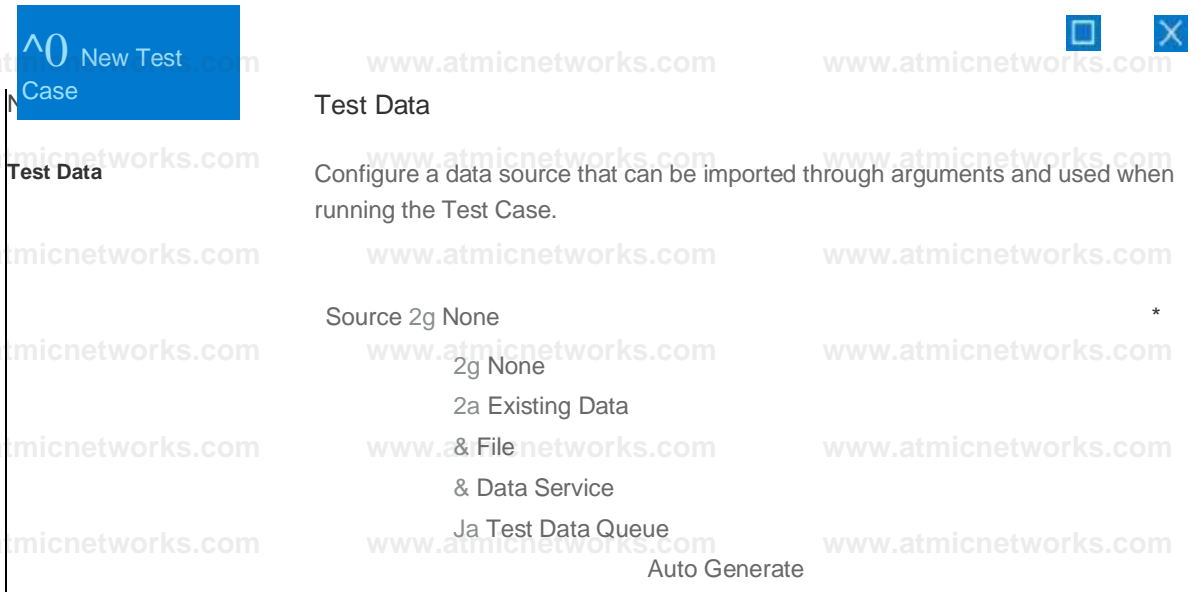
[A personal workspace in UiPath Orchestrator is a type of modern folder that allows a user to work on their own automation projects without affecting other users or folders1. A personal workspace can be converted into a regular folder by using the Convert to Folder option in the folder settings2. When this happens, the owner of the initial workspace is added by default to the newly created folder and assigned the Folder Administrator role2. This role gives the user full control over the folder and its entities, such as processes, queues, assets, etc3. The other options are incorrect because they do not reflect the actual outcome of converting a personal workspace into a folder.](#)

Reference: [Personal Workspaces documentation](#), [Use of UiPath Orchestrator Folder Packages and](#)

[Workspaces, Folder Roles documentation.](#)

Question: 47

When creating a new test case, which option restricts dynamic data update in UiPath Orchestrator once the test case is published?



- A. Data Service
- B. File
- C. Test Data Queue
- D. Data Service with Filter

Answer: B

Explanation:

[When creating a new test case in UiPath Orchestrator, you can choose a source for the test data that can be imported through arguments and used when running the test case1. The source can be one of the following options: None, Existing Data, File, Data Service, or Test Data Queue2. The option that restricts dynamic data update once the test case is published is File. This option allows you to upload a file \(such as Excel or JSON\) that contains the test data2. However, once the file is uploaded, you cannot modify or replace it without republishing the test case3. Therefore, the test data is static and cannot be updated dynamically. The other options allow dynamic data update in different ways. For example, Data Service allows you to use an existing table from Data Service as the test data source and filter it by using a SQL query2. You can update the table in Data Service and the changes will be reflected in the test case without republishing it4.](#)

Reference: [Test Cases documentation](#), [New Test Case window description](#), [Updating the test data sets forum post](#), [Data Service documentation](#).

Question: 48

Once "Library A" has been imported as a dependency in the current project, how can the UI Object Repository defined in "Library A" be accessed?

- A. The Object Repository is only available in a Library.
- B. The Object Repository needs to be exported as a UI Library and imported in the Process for it to become available.
- C. The Object Repository will automatically be available in the Process.
- D. The Object Repository cannot be passed between a Process and a Library.

Answer: C

Explanation:

[The UI Object Repository is a feature that allows you to store and reuse UI elements across different automation projects](#)¹. [A UI Library is a type of project that contains UI elements and workflows that can be used as dependencies in other projects](#)². [When you import a UI Library as a dependency in your current project, the UI Object Repository defined in the UI Library will automatically be available in your current project](#)³. [You can access the UI elements from the Object Repository panel in Studio and use them in your activities](#)⁴. Therefore, the correct answer is C. The other options are incorrect because they do not reflect the actual behavior of the UI Object Repository and the UI Library. Reference: [Object Repository documentation](#), [Reusing Objects and UI Libraries documentation](#), [Object Repository course](#), [Object Repository in Studio course].

Question: 49

A project built using REFramework pulls phone numbers from a database of employees and creates queue items for each one. Following processing, these elements must be added to a financing application. The queue item holding a phone number becomes invalid if a digit is accidentally left out because of a human mistake. As a requirement, queue items that contain partial numbers should not be accepted.

What type of error should be thrown according to best practices?

- A. Business Exception
- B. Fatal Exception
- C. Application Exception
- D. System Exception

Answer: A

Explanation:

Question: 50

DRAG DROP

The provided exhibit displays the representation of the "Deadline" field using the yyyy-mm-dd format.

Queue Item Name	Deadline	Priority
Employee! D1		Normal
Employee! D2	2050-01-01	High
Employee! D3	2050-01-02	High
Employee! D4	2050-01-01	Normal
Employee! D5	2050-01-02	Low
Employee! D6		High
Employee! D7	2050-01-01	Low
Employee! D8	2050-01-01	Normal
Employee! D9		Low

In what order should the Queue Items be processed by a single robot executing a Performer workflow?

Queue Item

Employee! D1	Employee! D2	Employee! D3	Employee! D4
Employee! D5	Employee! D6	Employee! D7	Employee! D8
Employee! D9			

Order to be Processed

1st	
2nd	
3rd	
4th	
5th	
6th	
7th	
8th	
9th	

Answer:

Explanation:

The Queue Items should be processed by a single robot executing a Performer workflow in the following order:

EmployeeID1
EmployeeID4
EmployeeID8
EmployeeID3
EmployeeID6
EmployeeID9
EmployeeID5
EmployeeID2
EmployeeID7

[A queue is a container that holds an unlimited number of items that can be processed by a robot1. A queue item can have a deadline and a priority, which affect the order in which the robot retrieves the items from the queue2. The Performer workflow is a part of the REFramework template that processes the queue items using the Get Transaction Item activity3. The order of queue execution is determined by the following rules4:](#)

Items that have a deadline are processed first, in order of priority and according to the set deadline for items with the same priority.

Items that have no deadline are processed next, in order of priority and according to the rule First In, First Out for items with the same priority.

Based on these rules and the exhibit, the order of queue execution is as follows:

EmployeeID1 has the earliest deadline (2050-01-01) and high priority, so it is processed first.

EmployeeID4 has the same deadline as EmployeeID1, but normal priority, so it is processed second.

EmployeeID8 has the same deadline and priority as EmployeeID4, but it was added later to the queue, so it is processed third.

EmployeeID3 has the next earliest deadline (2050-01-02) and high priority, so it is processed fourth.

EmployeeID6 has the same deadline as EmployeeID3, but normal priority, so it is processed fifth.

EmployeeID9 has the same deadline and priority as EmployeeID6, but it was added later to the queue, so it is processed sixth.

EmployeeID5 has no deadline, but high priority, so it is processed seventh.

EmployeeID2 has no deadline and normal priority, so it is processed eighth.

EmployeeID7 has no deadline and low priority, so it is processed ninth.

Reference:

[About Queues and Transactions](#) documentation from UiPath

[Processing Order](#) documentation from UiPath

[Performer](#) documentation from UiPath

[Order processing queue](#) forum post from UiPath Community

Question: 51

Which Scraping method should be used for the Get Text activity to capture hidden text from an

application?

- A. Text attribute
- B. Default
- C. Native
- D. Full text

Answer: D

Explanation:

The Get Text activity is used to extract the text value of a specified UI element. It does not use any of the scraping methods by default, but it can be configured to use the Full Text method in the Properties panel. The Full Text method is able to capture hidden text from an application, as well as the entire visible text and editable text. The Full Text method uses an internal OCR engine that works with most applications and languages.

Reference:

[Get Text](#) activity documentation from UiPath

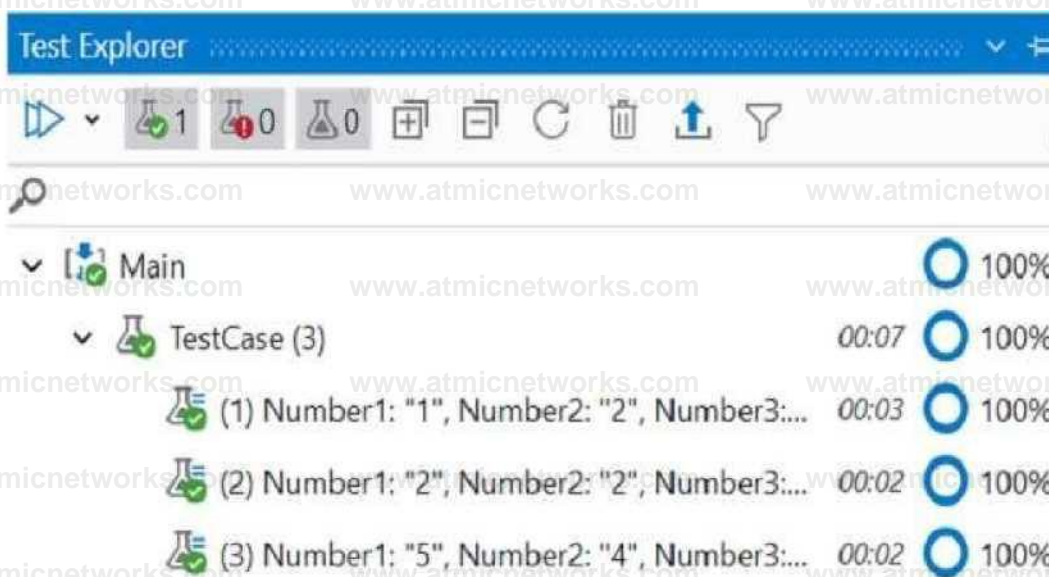
[Screen Scraping Methods](#) documentation from UiPath

[Text scrapping](#) forum post from UiPath Community

[How to: Scrape the Whole Text, Including Hidden Elements from a Terminal Window](#) article from UiPath Knowledge Base

Question: 52

What do the percentages from the Test Explorer panel represent?



- A. Correctness of the code percent.
- B. Passing percent.
- C. Coverage percent.
- D. Percent of test data run.

Answer: C

Explanation:

The percentages from the Test Explorer panel represent the coverage of the test cases, which is the ratio of the number of activities that are executed by the test cases to the total number of activities in the project. The

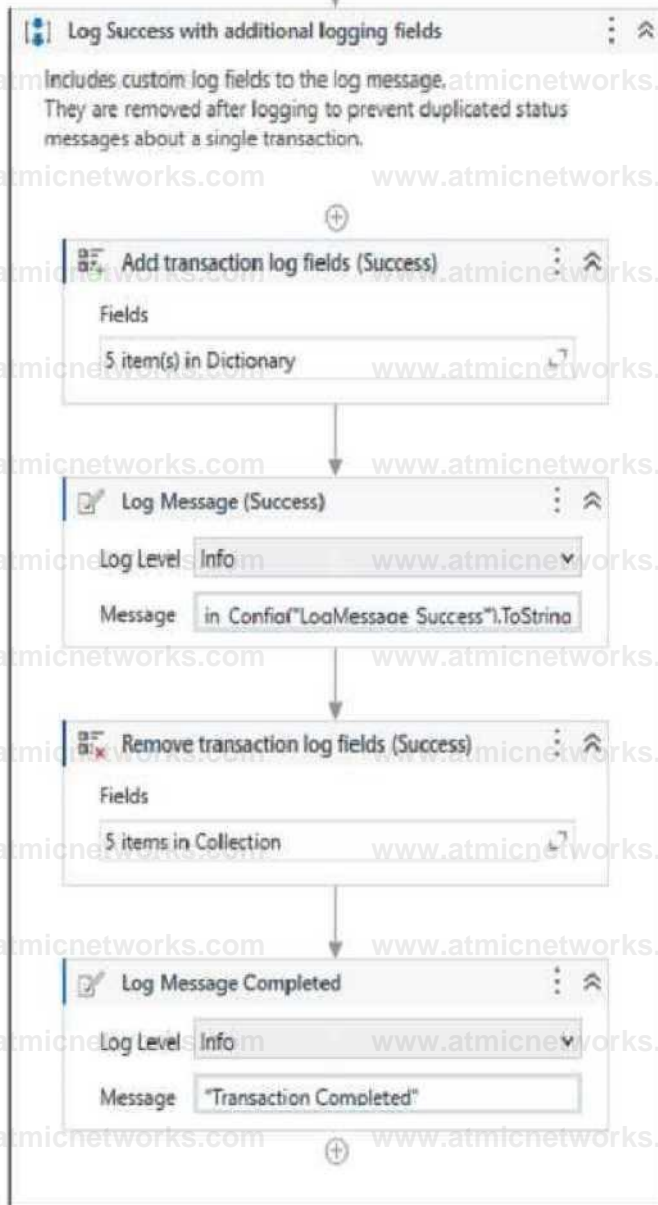
higher the coverage, the more thorough the testing is. The coverage percentage is calculated for each test case, test set, and the entire project. [You can view the coverage details in the Coverage sub-panel of the Test Explorer1.](#)

Reference:

[Test Explorer](#) documentation from UiPath

Question: 53

A developer is using the REFramework template to automate a process. In "SetTransactionStatus" file, there is the following sequence of activities, where the last Log Message activity was added by the developer:



The configuration for Add Log Fields and Remove Log Fields activities are shown below: **Add transaction log fields (Success)**

Dictionary

Add transaction log fields (Success) > Fields (Dictionary<String,InArgument>)

The collection of string arguments to be added to every subsequent log line.

Key	Type	Value
logF_TransactionStatus	String	{ } "Success"
logF_TransactionNumber	String	{ } io_TransactionNumber.ToSti
logF_TransactionID	String	{ } in_TransactionID
logF_TransactionField1	String	{ } in_TransactionField1
logF_TransactionField2	String	{ } in_TransactionField2

Add entry Save Cancel

Remove transaction log Heids (Success)

[vj] Collection Builder

Remove transaction log fields (Success) > Fields {List<InArgument<String>>}

The collection of string arguments to be removed from subsequent log lines.

{ } "logF_TransactionStatus"	+	🗑️
{ } "logF_TransactionNumber"	+	🗑️
{ } "logF_TransactionID"	+	🗑️
{ } "logF_TransactionField1"	+	🗑️
{ } "logF_TransactionField2"	+	🗑️

L⁻¹ ® {NJ}

The developer runs the process and notices the argument values for the first transaction are:

in_TransactionID = "07/18/2023 10:27:29"

io_TransactionNumber = 1

in_TransactionField1 = "UI235-80"

in_TransactionField2 = "Update Request"

Which of the following Log Message Details will be displayed when executing the activity Log Message

Completed for the first transaction, considering it is successful?

```
A.
"message": "Transaction Completed",
"level": "Information",
"logType": "User",
"timeStamp": "10:30:19",
"fileName": "SetTransactionStatus",
"processVersion": "1.0.0",
"jobId": "59325301-680a-4d55-a81b-56ca1f369c12",
"robotName": "test.robot",
"machineId": 0,
"logF_TransactionField2": ""
"logF_TransactionStatus":
"logF_TransactionID": "",
"logF_BusinessProcessName": "Framework",
"logF_TransactionNumber": ""
"logF_TransactionField1":
}
```

```
B.
"message": "Transaction Completed",
"level": "Information",
"logType": "User",
"timeStamp": "10:30:19",
"fileName": "SetTransactionStatus",
"processVersion": "1.0.0",
"jobId": "cb865477-35f8-4c0a-93e9-e4f4246223f2",
"robotName": "test.robot",
"machineId": 0,
"logF_TransactionField2": "Update Request",
"logF_TransactionID": "07/18/2023 10:27:29",
"logF_BusinessProcessName": "Framework",
"logF_TransactionNumber": "1",
"logF_TransactionField1": "UI235-80",
"logF_TransactionStatus": "Success"
```

```
C. "message": "Transaction Completed",
"level": "Information",
"logType": "User",
"timeStamp": "10:30:19",
"fileName": "SetTransactionStatus",
"processVersion": "1.0.0",
"jobId": "f8a36a46-8ebc-40df-8f71-26b39087ebee",
"robotName": "test.robot",
"machineId": 0,
"logF_BusinessProcessName": "Framework"
}
```

```
D.
"message": "Transaction Completed",
```

```
"level": "Information",
"logType": "User",
"timeStamp": "10:30:19",
"fileName": "SetTransactionStatus", "processVersion": "1.0.0",
"jobId": "59325301-680a-4d55-a81b-56ca1f369c12", "robotName": "test.robot",
"machineId": 0,
"logF_TransactionField2": empty, "logF_TransactionStatus": empty, "logF_TransactionID": empty,
"logF_BusinessProcessName": "Framework", "logF_TransactionNumber": empty, "logF_TransactionField1":
empty
}
```

Answer: B

Explanation:

[The Log Message activity is used to write a diagnostic message at a specified level to the output panel, the log file, and Orchestrator1. The message can include custom log fields that are added by the Add Log Fields activity and removed by the Remove Log Fields activity2.](#) In this case, the developer has added six log fields in the Add transaction log fields (Success) sequence and removed three of them in the Remove transaction log fields sequence. Therefore, the remaining three log fields (logF_TransactionField2, logF_TransactionID, and logF_TransactionStatus) will be displayed along with the default log fields (message, level, logType, timeStamp, fileName, processVersion, jobId, robotName, and machineId) when executing the Log Message Completed activity. The values of the log fields will be taken from the corresponding arguments of the Set Transaction Status activity.

Reference:

[Add Log Fields](#) activity documentation from UiPath

[Remove Log Fields](#) activity documentation from UiPath [Log Message](#) activity documentation from UiPath

Question: 54

What happens when the area selection feature in the UiPath Computer Vision wizard is used?

- A. The selected area is automatically resized to fit all UI elements within it.
- B. A portion of the application UI can be selected, which is helpful when dealing with multiple fields bearing the same label.
- C. The selected area is treated as a single UI element, with no further analysis of its contents.
- D. A duplicated UI can be selected, and the copy is modified in the automation process.

Answer: B

Explanation:

[The area selection feature in the UiPath Computer Vision wizard is used to refine the scope of the UI elements that are detected by the Computer Vision activities1.](#) By using this feature, you can select a specific region of the application UI that you want to automate, and the wizard will only show the UI elements within that region. [This is helpful when dealing with multiple fields bearing the same label, such as "Name" or "Address", as you can select only the field that you want to interact with2.](#) The selected area is not automatically resized, treated as a single UI element, or duplicated by the wizard.

Reference:

[Can we change the selector on computer vision?](#) forum post from UiPath Community [Computer Vision activities](#) documentation from UiPath

[Computer Vision Recording](#) forum post from UiPath Community

[AI Computer Vision for RPA](#) product page from UiPath

[The New UiPath AI Computer Vision Is Now in Public Preview](#) blog post from UiPath

Question: 55

In an RPA Testing project, you created the mock "MySequencemock" for the file "MySequence". You have to update "MySequence" and add a Log Message activity and a Verify Expression activity.

What will happen to "MySequencemock" file when you save the project, assuming that the file is closed?

- A. Only the Log Message activity will be added to the mock file.
- B. Only the Verify Expression activity will be added to the mock file.
- C. The changes made in "MySequence" workflow file are applied to the mock file.
- D. The changes made in "MySequence" workflow file are not applied to the mock file.

Answer: D

Explanation:

[A mock file is a copy of a workflow file that is used to simulate the behavior of the original workflow without affecting it1. When you create a mock file, the original workflow file is automatically added to the project dependencies, and the mock file is added to the test folder2. If you update the original workflow file, the changes are not reflected in the mock file, unless you manually update the mock file as well3.](#) Therefore, if you add a Log Message activity and a Verify Expression activity to "MySequence" workflow file and save the project, the "MySequencemock" file will remain unchanged.

Reference:

[Mock Testing](#) documentation from UiPath

[Create Mocks](#) documentation from UiPath

[Feature request: Allow to rename Mock files](#) forum post from UiPath Community

Question: 56

Considering a process developed using REFramework, if the status of a transaction was set to "Failed" with the Error Type specified as "Business", the process will transition to which state?

- A. Get Transaction Data
- B. Initialization
- C. End Process
- D. Process Transaction

Answer: A

Explanation:

[The REFramework template is a robust and scalable framework for building RPA projects1. It uses a state machine to handle the different stages of the automation process2. One of the states is the Process Transaction state, where the main actions are performed on each transaction item3. A transaction item can be a queue item from Orchestrator, a data row from an Excel file, or any other type of data that needs to be processed4.](#) If the status of a transaction item is set to "Failed" with the Error Type specified as "Business", it means that the item did not meet a business or application requirement within the project and was therefore sent to a Set Transaction Status activity, which changed its status to Failed. In this case, the process will transition to the Get Transaction Data state, where the next transaction item is retrieved and assigned to be processed. The process will not transition to the Initialization, End Process, or Process Transaction states, as these are used for

different purposes in the REFramework.

Reference:

[The UiPath ReFramework](#) documentation from UiPath

[State Machines](#) documentation from UiPath [Process.xaml](#) documentation from UiPath [TransactionItem Variable](#)

documentation from UiPath [Queue Item Statuses] documentation from UiPath [GetTransactionData.xaml]

documentation from UiPath

Question: 57

In the context of the REFramework, if the OrchestratorQueueName key is present in both the Settings and Assets sheets, but an asset with the corresponding name is not present in Orchestrator, what will be the behavior at run time?

- A. The flow will throw an exception in InitAllSettings workflow.
- B. The flow will use the value from the Settings sheets since the asset is missing.
- C. An empty string will be saved for the "OrchestratorQueueName" key in the config dictionary.
- D. The "OrchestratorQueueName" key is not added to the config dictionary and the flow will throw in Get Transaction Data workflow.

Answer: B

Explanation:

[The REFramework template is a robust and scalable framework for building RPA projects1. It uses a config file to store the settings and constants that are used throughout the project2.](#) The config file has two sheets: Settings

and Assets. The Settings sheet contains the key-value pairs that are read by the InitAllSettings workflow and stored in the config dictionary. The Assets sheet contains the names of the assets that are stored in Orchestrator and need to be retrieved by the InitAllApplications

workflow. The OrchestratorQueueName key is used to specify the name of the queue that is used to store the transaction items for the process. If the OrchestratorQueueName key is present in both the Settings and Assets sheets, but an asset with the corresponding name is not present in Orchestrator, the behavior at run time will be as follows:

The InitAllSettings workflow will read the value of the OrchestratorQueueName key from the Settings sheet and store it in the config dictionary.

The InitAllApplications workflow will try to retrieve the asset with the name OrchestratorQueueName from Orchestrator using the Get Asset activity. Since the asset does not exist, the activity will throw an exception.

The exception will be caught by a Try Catch block and handled by a Log Message activity with level Warning and message "Asset not found: OrchestratorQueueName".

The flow will continue with the next asset in the Assets sheet or move to the next state if there are NO MORE assets.

The flow will use the value of the OrchestratorQueueName key from the config dictionary whenever it needs to access or update the queue.

Therefore, option B is correct. Option A is incorrect because the exception is thrown in InitAllApplications workflow, not InitAllSettings workflow. Option C is incorrect because an empty string is not saved for the OrchestratorQueueName key in the config dictionary. Option D is incorrect because the

OrchestratorQueueName key is added to the config dictionary and the flow does not throw in Get Transaction Data workflow.

Reference:

[How to Use Enhanced REFramework to Implement UiPath Projects](#) article from UiPath

[Config.xlsx](#) documentation from UiPath

[InitAllSettings.xaml] documentation from UiPath [InitAllApplications.xaml] documentation from UiPath

[TransactionItem Variable] documentation from UiPath

Question: 58

A developer has defined a variable named "CurrentDate" of type Date Time. Which of the following expressions can be used to show what hour was 12 hours prior to the date from the variable?

- A. CurrentDate.AddHours(-12).Hour
- B. Date Time.SubtractHours(CurrentDate, 12).Hour
- C. CurrentDate.SubtractHours(12).Hour
- D. Date Time.AddHours(CurrentDate, -12).Hour

Answer: A

Explanation:

Question: 59

A developer wants to add items to a list of strings using the Invoke Method activity. The list is declared as follows:



* Variables

© New Variable

* (*) Colors

Data Type System Collections Gene *

Boolean

Int32

Scope String

Object

Default >

System.Data.DataTable

> Arguments System.Collections.Generic.List<System.String>

> Constants

> Resources Array of []

> Entities Browse for Types..

> Processes

> Assets

> Queues

> Connections

> Namespaces

Data Manager

©New gj S -O ci

* Search data

Variables

© New Variable

* (*) Colors

Data Type System.Collections.Generic

Scope Main

Default Value New List (Of String) From ["Red", "Green"]

Arguments New List (Of String) From ["Red", "Green"]

Constants

Resources

Entities

> Processes

Assets

Queues

> Connections

> Namespaces

The Invoke Method includes the following properties:

System.Activities.Statements.InvokeMethod	
Common	
DisplayName	Invoke Method
Misc	
GenericTypeArguments	(Collection) ...
MethodName	Add
Parameters	(Collection) ...
Private	<input type="checkbox"/>
Result	Enter a VB expression ...
RunAsynchronously	<input type="checkbox"/>
TargetObject	Colors ...
TargetType	(null) ▼

The Parameters property is as follows:



Based on the exhibits, what is the outcome of this Invoke Method activity?

- A. Invoke Method activity will throw an error.
- B. Colors will contain items in the following order: "Yellow", "Red", "Green".
- C. Colors will contain items in the following order: "Red", "Green", "Yellow".
- D. Colors will contain items in the following order: "Red", "Green".

Answer: C

Explanation:

[The Invoke Method activity is used to execute a method of a class or an object1](#). [In this case, the developer wants to add items to a list of strings using the Add method of the List class2](#). The list is declared as Colors and initialized with two items: "Red" and "Green". The Invoke Method activity has the following properties:

TargetObject: Colors (the list variable)

MethodName: Add (the method of the List class)

Parameters: Direction - In, Type - String, Value - "Yellow" (the item to be added to the list)

Based on these properties, the Invoke Method activity will add the string "Yellow" to the end of the Colors list.

Therefore, the outcome of this Invoke Method activity is that Colors will contain items in the following order: "Red", "Green", "Yellow".

Option A is incorrect because the Invoke Method activity will not throw an error, as the properties are configured correctly. Option B is incorrect because the order of the items in the list will not change, as the Add method appends the item to the end of the list. Option D is incorrect because the list will have three items, not two, as the Add method does not overwrite any existing item. Reference:

[Invoke Method](#) activity documentation from UiPath

[List<T>.Add\(T\) Method](#) documentation from Microsoft

Question: 60

A developer needs to use the REFramework to automate a business process that involves processing transactions within an Excel table. Each transaction in the table should follow the same steps for processing and queues cannot be used as there is no Orchestrator in the environment.

Which variable type is best suited for TransactionItem in this scenario?

- A. System.Data.DataRow
- B. UiPath.Core.QueueItem
- C. System.Data.DataTable
- D. System.Data.DataRow[]

Answer: A

Explanation:

[The REFramework template is a robust and scalable framework for building RPA projects](#)¹. [It uses a state machine to handle the different stages of the automation process](#)². [One of the states is the Process Transaction state, where the main actions are performed on each transaction item](#)³. A transaction item can be a queue item from Orchestrator, a data row from an Excel file, or any other type of data that needs to be processed. If the transactions are stored in an Excel table, the best variable type for TransactionItem is System.Data.DataRow, as it represents a single row of data in a DataTable. A DataTable is a collection of rows and columns that can be read from or written to an Excel file using the Excel activities. Therefore, option A is correct.

Option B is incorrect because UiPath.Core.QueueItem is a variable type that represents an item from a queue in Orchestrator. If there is no Orchestrator in the environment, queues cannot be used and QueueItem is not applicable. Option C is incorrect because System.Data.DataTable is a variable type that represents a table of data with rows and columns. A single transaction item cannot be a whole table, but only a row from the table. Option D is incorrect because System.Data.DataRow[] is a variable type that represents an array of data rows. An array is a collection of items of the same type that can be accessed by an index. A single transaction item cannot be an array, but only an element from the array.

Reference:

[The UiPath ReFramework](#) documentation from UiPath

[State Machines](#) documentation from UiPath

[Process.xaml](#) documentation from UiPath

[TransactionItem Variable] documentation from UiPath [DataRow Class] documentation from Microsoft [Excel Activities] documentation from UiPath [QueueItem Class] documentation from UiPath [DataRow[] Structure] documentation from Microsoft [Array Class] documentation from Microsoft

Question: 61

What are the primary functions of the UiPath Integration Service?

- A. Automates UI design, manages API connections, provides limited activities and events, simplifies automation design.
- B. Enables automation with API integration, manages connections with user-provided authentication, kicks off automations based on application-specific triggers, simplifies automation design with the help of third-party libraries.
- C. Enables automation with a library of connectors, manages connections easily with standardized authentication, kicks off automations with server-side triggers or events, provides curated activities and events, simplifies automation design.
- D. Enables automation with UI components, manages API keys, kicks off automations with client-side triggers, provides curated events.

Answer: C

Explanation:

UiPath Integration Service is a new feature that allows developers to create and manage integrations with various applications and systems using UI and API automation. It offers a library of connectors that simplify the authentication and connection process, as well as activities and events that enable data exchange and automation triggering. It also supports server-side triggers that can start automations based on events from other systems. (UiPath Automation Developer study guide) References:

[Introducing UiPath Integration Service](#)

UiPath Integration Service

Question: 62

When should the Show Elements button be used in the Computer Vision wizard?

- A. Highlighting all UI elements that have been identified by the Computer Vision analysis.
- B. Displaying a list of all available UI elements and their properties.
- C. Activating a real-time view of the target app's UI during automation.
- D. Filtering out specific UI elements from being processed by the Computer Vision engine.

Answer: A

Explanation:

The Show Elements button in the Computer Vision wizard is used to toggle the highlighting of all UI elements that have been detected by the Computer Vision engine on the target application. This helps to visualize the accuracy and scope of the UI element recognition and to select the desired UI element for automation. (UiPath Automation Developer study guide) References:

Computer Vision

Computer Vision Wizard

Question: 63

Which of the following describes the correct hierarchy of the elements in the Object Repository tree structure?

- A. Screen, Application, Version, UI Element.
- B. Application, Version, Screen, UI Element.
- C. Application, Screen, UI Element, Version.
- D. Version, Application, Screen, UI Element.

Answer: B

Explanation:

The Object Repository tree structure follows a hierarchical order that starts with the Application node, which represents the application or system that contains the UI elements to be automated. Under the Application node, there can be one or more Version nodes, which specify the version of the application or system. Each Version node can have one or more Screen nodes, which represent the different screens or windows of the application or system. Finally, each Screen node can have one or more UI Element nodes, which are the individual UI elements that can be used for automation. (UiPath Automation Developer study guide) References:

Object Repository Tree Structure

[Object Repository](#)

Question: 64

A developer is building a process that types data into input fields using the Hardware Events input method. Which property of the Type Into activity should be modified to reduce the pace at which the input string characters are typed into the fields?

- A. Delay before
- B. Alter disabled element
- C. Delay between keys
- D. Delay after

Answer: C

Explanation:

The Delay between keys property of the Type Into activity specifies the time (in milliseconds) between each keystroke when using the Hardware Events input method. Increasing this value can slow down the typing speed and reduce the risk of missing or skipping characters. (UiPath Automation Developer study guide) References:

Type Into

[Input Methods](#)

Question: 65

What is the default polling interval set for an event trigger?

- A. 1 minute
- B. 5 minutes
- C. 10 minutes
- D. 15 minutes

Answer: B

Explanation:

The default polling interval for an event trigger is 5 minutes, which means that the trigger checks for new object events every 5 minutes. This value can be customized using the Adjustable Polling Interval feature, which allows users to choose the interval on which event triggers check for new object events. The polling interval can be changed from a specific connector's page or from the Connections tab. (UiPath Automation Developer study guide) References:

[How to modify the polling interval for Integration Service Triggers?](#)

[Integration Service - Triggers](#)

[UiPath Integration Service - Vote on Tutorials](#)

Question: 66

What method can be used to change the index of an existing column in a datatable?

- A. SetIndex
- B. MoveAt
- C. SetColumnIndex
- D. SetOrdinal

Answer: D

Explanation:

The SetOrdinal method of the DataColumn class can be used to change the index or position of an existing column in a datatable. The method takes an integer argument that specifies the new ordinal or position of the column. For example, to move the first column to the last position, one can use:

`yourDataTable.Columns(0).SetOrdinal(yourDataTable.Columns.Count - 1)`. (UiPath Automation Developer study guide) References:

DataColumn.SetOrdinal Method

[How to move Column from Index 0 to Index 10 in datatable](#)

Question: 67

In a UiPath REFramework project, what is the primary purpose of using Custom Log Fields?

- A. To add specific contextual information to log messages that are relevant to the automation process.
- B. To generate extra variables alongside log messages, enhancing workflow understanding.
- C. To maintain contextual insights within log messages, including secure details like credentials.
- D. To modify the representation of logged contextual data as it is displayed in the Orchestrator.

Answer: A

Explanation:

The Add Log Fields activity allows developers to create custom log fields that are added to the Robot Execution Logs. These custom log fields can be used to store and display additional information that is relevant to the automation process, such as transaction ID, invoice number, customer name, etc. The custom log fields can help to improve the traceability and analysis of the automation process, as well as to filter and group the logs based on specific criteria. (UiPath Automation Developer study guide)

References:

Add Log Fields

[Logging and Log Levels](#)

Question: 68

In order for a developer to utilize the default REFramework without relying on Orchestrator queues, what is the essential prerequisite to ensure that the project does not interact with Orchestrator?

- A. Omit the OrchestratorQueueName setting from the Config.xlsx file. Exclude the three SetTransactionStatus activities from the SetTransactionStatus workflow & change the variable type.
- B. Eliminate the Get Transaction Data state from the Main state machine. Exclude the Get Transaction Item activity from the project & change the variable type.
- C. Exclude the Get Transaction Item activity from the project. Eliminate the three SetTransactionStatus activities from the SetTransactionStatus workflow & change the variable type.
- D. Remove the Get Transaction Data state from the Main state machine. Remove the OrchestratorQueueName setting from Config.xlsx & change the variable type.

Answer: C

Explanation:

The default REFramework uses Orchestrator queues to store and retrieve transaction items, which are the units of work to be processed by the automation. To use the REFramework without Orchestrator queues, one needs to remove or modify the activities and variables that depend on them. The Get Transaction Item activity is used to fetch a transaction item from a queue, and the SetTransactionStatus activities are used to update the status of a transaction item in a queue. Therefore, these activities need to be excluded from the project. Additionally, the variable type of io_TransactionItem needs to be changed from QueueItem to a suitable data type that represents the transaction data, such as DataRow, String, etc. (UiPath Automation Developer study guide) References:

[REFramework without Orchestrator](#)

REFramework documentation

Question: 69

A developer wants to create an automation in which the input from the user and pre-defined conditions determine the transition between stages. In UiPath Studio, which is the recommended type of workflow that meets the requirement?

- A. Workflow
- B. Global Exception Handler
- C. Flowchart
- D. State Machine

Answer: C

Explanation:

A flowchart is a type of workflow that allows developers to create complex and dynamic automation processes that can branch based on user input or predefined conditions. Flowcharts use graphical elements such as shapes, connectors, and annotations to represent the flow of logic and data between different stages or activities. Flowcharts are suitable for scenarios where the automation process is not linear or sequential, but rather depends on various factors and decisions. (UiPath Automation Developer study guide)

References:

Flowchart

[Types of Workflows](#)

Question: 70

A developer configured the properties for a Click activity as shown below:

Properties

v ^

UiPath.UIAutomationNext.Activities.NClick

Common

Continue on error

True

Ⓡ O...

Delay after

Delay (in seconds) after this

Delay before

Delay (in seconds) to wait bt

DisplayName

Click 'File*

Timeout

10

© r ...

Input

Click type

NClickType.Single

Cursor motion type

Specifies the type of motion

Mouse button

NMouseButton.Left

Target

Verify execution

TargetAnchorable

(null)

Input/Output Element

Input element

The Input UI Element define

Output element

Output a UI Element to use

Misc

Private

Options

Alter disabled element

When selected, the activ

Input mode

Hardware Events

Key modifiers

NKeyModifiers.None

What happens if the activity cannot find its target at runtime?

- A. An exception is thrown after 10 seconds.
- B. The next activity is executed after 10 seconds.
- C. The next activity is executed after 10 milliseconds.
- D. An exception is thrown after 10 milliseconds.

Answer: A

Explanation:

If the activity cannot find its target at runtime, an exception is thrown after 10 seconds. This is because the "ContinueOnError" property is set to "False" and the "DelayAfter" property is set to "10" seconds. The "ContinueOnError" property determines whether the automation should continue

even when the activity fails, and the "DelayAfter" property specifies the amount of time (in milliseconds) to wait before moving to the next activity. (UiPath Automation Developer study guide) References:

Click

Common Properties

Question: 71

How does UiPath handle different dependency versions for multiple running processes that run at the same time?

- A. Each running process uses its own required version of the dependency.
- B. Running processes use the earliest compatible dependency version.
- C. Each running process automatically adapts to the available dependency version.
- D. All running processes use the latest version of the dependency available.

Answer: A

Explanation:

UiPath handles different dependency versions for multiple running processes that run at the same time by using a feature called Dependency Isolation. This feature ensures that each running process can use the specific version of the dependency that it needs, without affecting or being affected by other processes. This way, UiPath avoids conflicts and errors caused by incompatible or missing dependency versions. (UiPath Automation Developer study guide) References:

Dependency Isolation

[Managing Dependencies](#)

Question: 72

What is the purpose of the Invoke Code activity in UiPath?

- A. Invokes VB.NET or C# code, optionally passing it a list of input arguments.
- B. Invokes VB.NET or Java code, optionally passing it a list of input arguments.
- C. Invokes VB.NET code, optionally passing it a list of input arguments.
- D. Invokes Java code, optionally passing it a list of input arguments.

Answer: A

Explanation:

The Invoke Code activity in UiPath is an activity that allows developers to execute custom code written in VB.NET or C# within a workflow. The activity can accept a list of input arguments and return a list of output arguments, which can be used to exchange data between the code and the workflow. The activity can also access the variables and arguments defined in the current scope of the workflow. The Invoke Code activity can be useful for scenarios where the existing activities do not meet the specific requirements or logic of the automation process. (UiPath Automation Developer study guide) References:

[Invoke Code](#)

[How To Use Invoke Code Activity - In UiPath](#)

Question: 73

To retrieve all Outlook emails with the word "UiPath" in the subject, which filtering property and filter schema should a developer use?

A. Property: FilterByMessagelds

Schema: "@SQL=""urn:schemas:httpmail:subject"" like 'UiPath%'"

B. Property: Filter

Schema: "@SQL=""urn:schemas:httpmail:subject"" like '%UiPath%'"

C. Property: Filter

Schema: "@SQL=""urn:schemas:httpmail:subject"" like 'UiPath%'"

D. Property: FilterByMessagelds

Schema: "@SQL=""urn:schemas:httpmail:subject"" like '%UiPath%'"

Answer: B

Explanation:

To retrieve all Outlook emails with the word “UiPath” in the subject, a developer should use the Filter property and the filter schema “@SQL=""urn:schemas:httpmail:subject"" like ‘%UiPath%’”. The Filter property allows developers to specify a DASL query that filters the emails based on various criteria, such as subject, sender, date, etc. The filter schema “@SQL=""urn:schemas:httpmail:subject"" like '%UiPath%'" uses the SQL dialect of DASL to search for emails that have the word “UiPath” anywhere in the subject. The “%” symbol is a wildcard that matches any character or string. (UiPath Automation Developer study guide) References:

[Get Outlook Mail Messages](#)

[Chapter 11: Searching Outlook Data | Microsoft Learn](#)

Question: 74

Which of the following options is correct about a State Machine layout?

A. Can have multiple initial states and multiple final states.

B. Can have only one initial state and only one final state.

C. Can have only one initial state and multiple final states.

D. Can have multiple initial states and only one final state.

Answer: C

Explanation:

A State Machine layout is a type of workflow that allows developers to create complex and dynamic automation processes that can branch based on user input or predefined conditions. A State Machine layout consists of states, transitions, and triggers. A state represents a specific step or action in the process, a transition defines the direction of the flow between states, and a trigger determines when a transition should occur. A State Machine layout can have only one initial state, which is the starting point of the process, and multiple final states, which are the possible end points of the process. (UiPath Automation Developer study guide) References:

[State Machines](#)

[State Machine Layout](#)

Question: 75

What role do Triggers play in the UiPath Integration Service?

- A. Manage connections between UiPath Studio and third-party applications.
- B. Provide a mechanism for starting processes on a scheduled basis from Orchestrator.
- C. Assist in the creation of automation projects by providing event-based activities.
- D. Provide a mechanism for subscribing to specific events from third-party applications, automatically starting processes in Orchestrator.

Answer: D

Explanation:

Triggers are a feature of UiPath Integration Service that allow you to react to key events in third-party systems, such as data updates, insertions, deletions, or custom events. By configuring triggers, you can start your UiPath processes automatically from Orchestrator when these events occur, enabling near real-time automation workflows across different applications. ([UiPath Integration Service documentation1](#))

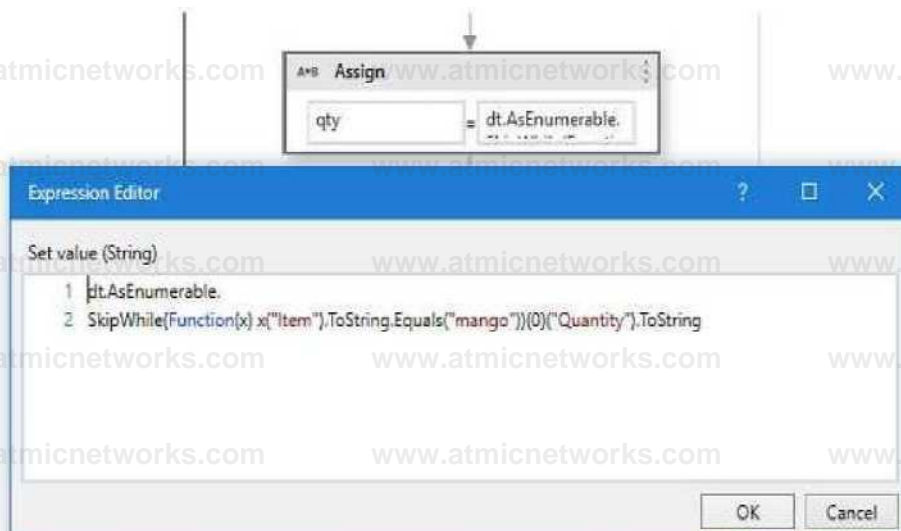
References:
1: [Integration Service - Triggers - UiPath Documentation Portal](#)

Question: 76

The following table is stored in a variable called "dt".

A	B	C
1	No.	Item
2		Quantity
3	1	apple
4	2	orange
5	3	mango
6	4	kiwi
7	5	pear

What will the value of the qty variable be after executing the Assign activity?



- A. 5
- B. 10
- C. 80
- D. null

Answer: C

Explanation:

The Assign activity is used to assign a value to a variable. In this case, the variable is "qty". The value of the variable will be 80 after executing the Assign activity because the expression in the Assign activity is "dt.AsEnumerable().Where(Function(x) x("Item").ToString.Equals("mango")).Select(Function(y) y("Quantity")).ToString". This expression is filtering the data table "dt" for rows where the "Item" column is equal to "mango" and then selecting the "Quantity" column from those rows. Since there is only one row in the data table where "Item" is equal to "mango", the value of the "Quantity" column in that row is 80. (UiPath Studio documentation)

References:

: [Assign - UiPath Activities].

Question: 77

In the context of a linear process, implemented with REFramework, how many times will the process enter the Get Transaction Data state?

- A. 1 time.
- B. 2 times.
- C. The process will not enter the Get Transaction Data state because a linear process is not transactional.
- D. Until there are no more queue items left unprocessed in Orchestrator.

Answer: D

Explanation:

The Get Transaction Data state is responsible for retrieving the next transaction item to be processed from the queue in Orchestrator. The state will loop until there are no more items in the queue or an exception occurs. A linear process can be implemented with REFramework by using a single queue item that contains all the data required for the process. ([UiPath ReFramework documentation1](#))

References:
[1: Robotic Enterprise Framework Template - UiPath Studio.](#)

Question: 78

A developer is building a process that needs to click an element which requires a mouse hover to become visible. However, the element does not appear with the default click setting. The input method for the Click activity is Send Window Message

Which property should the developer configure to be able to click the element?

- A. The developer should change the input method to Hardware Events and the CursorMotionType to Smooth.
- B. The property AlterIfDisabled should be set to True.
- C. The developer should change the input method to Simulate and the CursorMotionType to Instant.
- D. The property AlterIfDisabled should be set to False.

Answer: A

Explanation:

The input method for the Click activity determines how the click is performed on the target element. The Send Window Message input method is fast and reliable, but it does not support hovering over elements. Therefore,

the developer should use the Hardware Events input method, which simulates the real mouse and keyboard actions. The CursorMotionType property specifies how the cursor moves to the target element. The Smooth option makes the cursor move in a natural way, which can trigger the hover effect on the element. ([UiPath Studio documentation12](#))

References:

1: [Input Methods - UiPath Studio](#).

2: [Click - UiPath Activities](#).

Question: 79

What are the three main components of UiPath Integration Service?

- A. Connectors, API Tokens, Triggers.
- B. Connectors, Connections, Orchestrator.
- C. Connectors, Connections, Triggers.
- D. Activities, Connections, Triggers.

Answer: C

Explanation:

UiPath Integration Service is a feature that enables you to integrate UI and API automation in a unified way. The three main components of UiPath Integration Service are:

Connectors: These are pre-built or custom components that provide access to various applications or systems through their APIs. You can use connectors to perform actions or retrieve data from different sources, such as Salesforce, Slack, Google Sheets, etc. ([UiPath Integration Service documentation1](#))

Connections: These are configurations that store the authentication and connection details for each connector. You can create and manage connections in the UiPath Automation Cloud and share them across different folders and processes. ([UiPath Integration Service documentation2](#))

Triggers: These are rules that define when and how to start a process in Orchestrator based on events from connectors. You can configure triggers to react to data changes, insertions, deletions, or custom events in the connected applications or systems. ([UiPath Integration Service documentation3](#))

- References:
- 1: [Integration Service - Connectors - UiPath Documentation Portal](#).
 - 2: [Integration Service - Connections - UiPath Documentation Portal](#).
 - 3: [Integration Service - Triggers - UiPath Documentation Portal](#).

Question: 80

In a UiPath State Machine workflow, which section of State activity is used to specify conditional/triggers logic and multiple outgoing transitions in a state machine?

- A. Triggers
- B. Entry
- C. Exit
- D. Transitions

Answer: A

Explanation:

The Triggers section of the State activity is used to specify the conditional or trigger logic and multiple outgoing

transitions in a state machine. A trigger is a condition that evaluates to true or false and determines whether the state machine should move from one state to another. A transition is a link between two states that defines the direction of the state machine flow. You can add multiple triggers and transitions to a state and configure their properties, such as priority, display name, and action. ([UiPath Studio documentation1](#)) References: [1: State - UiPath Activities](#).

Question: 81

A developer examines a workflow in which filenames are stored within a collection. The collection is initialized with a single filename. When adding a new filename to the collection, which collection variable type will cause an error?

- A. System.Collections.Generic.Dictionary
- B. System.Array
- C. System.Data.DataTable
- D. System.Collections.Generic.List

Answer: B

Explanation:

Question: 82

A developer wants to add items to a list of strings using the Invoke Method activity. The list is declared as follows:

The screenshot shows two variable declarations in the 'Data Manager' pane:

- Variable 1:**
 - Search data: `Colors`
 - Variables: `Colors`
 - Data Type: `System.Collections.Generic.List<System.String>`
 - Scope: `TestWorkflow`
 - Default Value: `Enter a VB expression`
- Variable 2:**
 - Search data: `TestWorkflow`
 - Variables: `TestWorkflow`
 - Data Type: `System.Collections.Generic.List<System.String>`
 - Scope: `TestWorkflow`
 - Default Value: `Enter a VB expression`

The Invoke Method activity has the following properties:

SystemActivities.Statements, InvokeMethod

Common

DisplayName	Invoke Method
GenericTypeArguments	(Collection)
Method Name	Add
Parameters	Collection) ...
Private	<input type="checkbox"/>
Result	Enter a VB expression
RunAsynchronously	<input type="checkbox"/>
TargetObject	Colors
TargetType	(null)

The Parameters property is as follows

Direction	Type	Value
In	String	"Yellow"

Create Argument

OK Cancel

Based on the information shown in the exhibits, what is the outcome of the Invoke Method activity?

- A. Colors will contain an item with the value "Colors: Yellow".
- B. Colors will contain an item with an empty value.
- C. Colors will contain an item with the value "Yellow".
- D. An exception will be thrown.

Answer: C

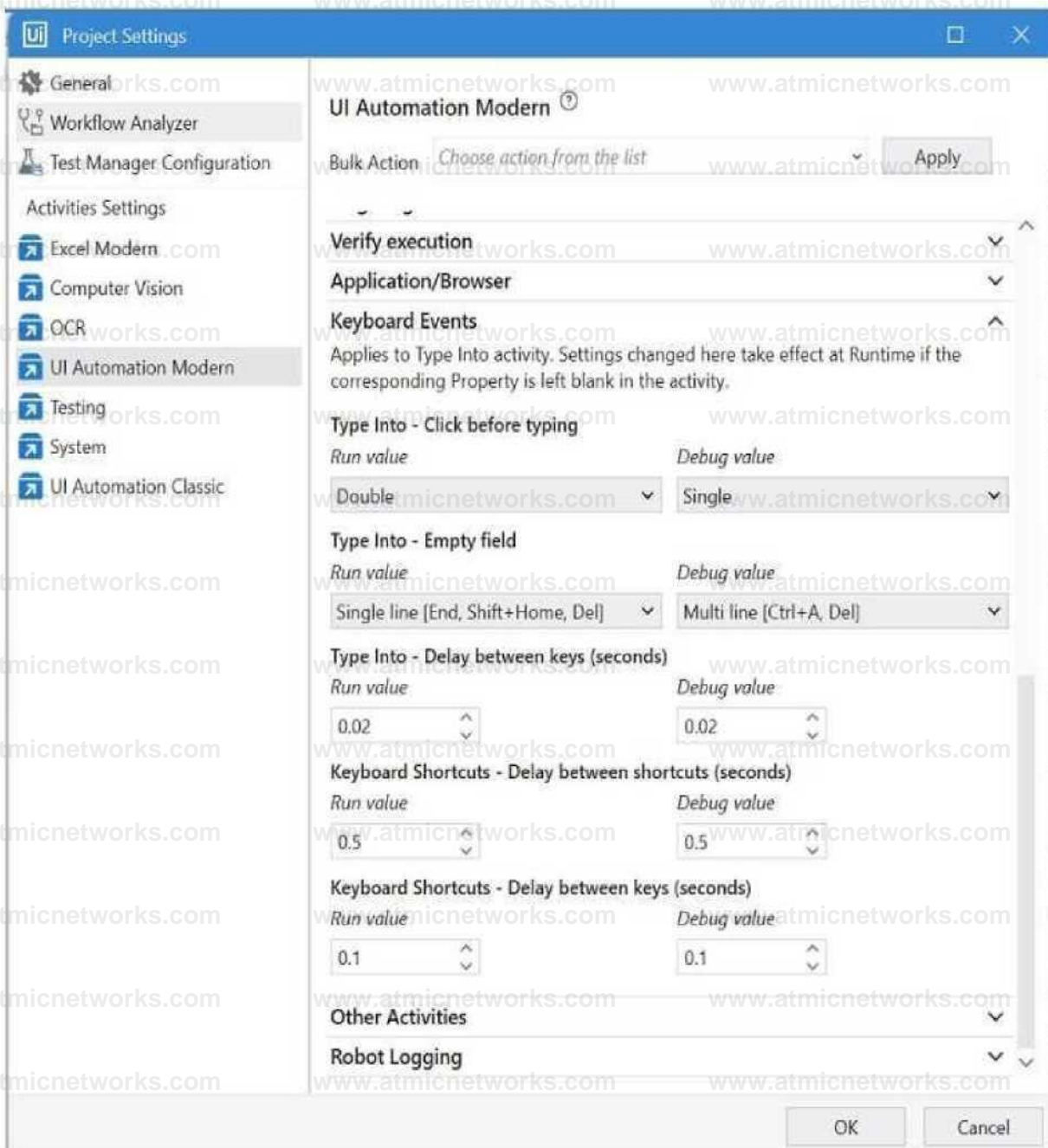
Explanation:

The Invoke Method activity is used to add items to a list of strings. In this case, the list is declared as "Colors". The outcome of the Invoke Method activity will be that the list "Colors" will contain an item with the value "Yellow". This is because the TargetObject property is set to "Colors", which is the list variable, the MethodName property is set to "Add", which is the method of the list class, and the Parameters property is set to "Yellow", which is the value to be added to the list. ([UiPath Studio documentation1](#)) References:

1: [Invoke Method - UiPath Activities](#).

Question: 83

A developer is building an automation which types text into a text file. The Activity Project Settings for UI Automation Modern activities are set as follows:



The developer has configured the properties of a Type Into activity as follows

Options - Hardware Events / Chromium API

Activate

True © 0 ...

Click before typing

NClickMode.Single

Delay between keys

Delay (in seconds) between consecutive k ...

Empty field

NEmptyFieldMode.SingleLine

What is the behavior of the Type Into activity when executing the workflow?

- A. The activity will remove Multi Line in Run mode and a Single Line in Debug mode.
- B. The activity will use only properties set in Activity Project Settings.
- C. The activity will remove a Single Line in Run mode and in Debug mode.
- D. The activity will remove a Single Line in Run mode and Multi Line in Debug mode.

Answer: D

Explanation:

The Type Into activity is used to type text into a UI element. The activity has different properties that can be configured to control the input method, the delay between keystrokes, the cursor position, and the text formatting. The Activity Project Settings for UI Automation Modern activities allow you to set the default values for these properties at the project level. However, you can also override these values at the activity level by using the Properties panel. In this case, the Activity Project Settings are set to remove a Single Line in Run mode and Multi Line in Debug mode. This means that when the workflow is executed, the Type Into activity will delete any existing text in the UI element before typing the new text. If the workflow is run in Run mode, only one line of text will be deleted. If the workflow is run in Debug mode, all lines of text will be deleted. ([UiPath Studio documentation1](#)) References:

[1: Configuring Activity Project Settings - UiPath Studio.](#)

Question: 84

While working in an RPA testing project, you encountered the following activity in one of the workflows included in the project.



What action can you perform in your mocked file to replace the functionality of the MessageBox with a LogMessage during mock testing?

- A. Remove mock activity.
- B. Synchronize mock.
- C. Surround activity with mock.
- D. Create mock workflow.

Answer: C

Explanation:

The Surround activity with mock option is used to create a mock activity that wraps around the original activity in the workflow. The mock activity can have different properties and actions than the original activity, depending on the testing scenario. In this case, the MessageBox activity can be surrounded with a mock activity that has the LogMessage action. This will replace the functionality of the MessageBox with a LogMessage during mock testing, which can be useful for logging the test results without interrupting the workflow execution. ([UiPath Studio documentation1](#))

References:

1: [Configuring Activity Project Settings - UiPath Studio.](#)

Question: 85

DRAG DROP

What are the steps to publish a project from UiPath Studio?

Instructions: Drag the Description found on the "Left" and drop on the correct Step Sequence found on the "Right".

Description	step Sequence
Fill in the necessary publishing details, such as the project name, version, and description.	In the Design ribbon tab, click on the "Publish" button
Click on the "Publish" button to initiate the publishing process	Choose the desired publishing option, such as Orchestrator, Local, or Custom NuGet feed.



Answer:

Explanation:

Step-Sequence

In the Design ribbon tab, click on the "Publish" button

Fill in the necessary publishing details, such as the project name, version, and description

Choose the desired publishing option, such as Orchestrator, Local, or Custom NuGet feed.

Click on the "Publish" button to initiate the publishing process

The steps to publish a project from UiPath Studio are:

In the Design ribbon tab, click on the "Publish" button. The Publish Project window opens. ([UiPath Studio documentation1](#))

Fill in the necessary publishing details, such as the project name, version, and description. You can also add release notes and select the environment where the project will run. ([UiPath Studio documentation1](#))

Choose the desired publishing option, such as Orchestrator, Local, or Custom NuGet feed. Depending on your choice, you may need to provide additional information, such as the Orchestrator URL, the

local folder path, or the custom feed URL. ([UiPath Studio documentation1](#))

Click on the "Publish" button to initiate the publishing process. A confirmation message will appear when the project is successfully published. ([UiPath Studio documentation1](#))

Short Explanation: Publishing a project from UiPath Studio means creating a package that contains all the files

and dependencies required to run the automation process. The package can be deployed to different locations, such as Orchestrator, a local machine, or a custom NuGet feed. Publishing a project from UiPath Studio involves four main steps: clicking on the Publish button, filling in the publishing details, choosing the publishing option, and confirming the publishing process. ([UiPath Automation Developer study guide2](#))

References:

2: [Publishing Projects from Studio - UiPath Studio](#).

3: [UiPath Certified Automation Developer - Learning Plan](#).

Question: 86

What is the default priority value for the Job Priority field in UiPath Orchestrator when starting a job manually?

- A. Medium
- B. Low
- C. Inherited
- D. High

Answer: A

Explanation:

The Job Priority field in UiPath Orchestrator is used to specify the priority of a job when it is added to a queue of pending jobs on the same robot. The priority can be set to Low, Medium, High, or Inherited. The Inherited option means that the priority is inherited from the trigger that started the job. When starting a job manually, the default priority value is Medium, which means that the job will be executed after any high-priority jobs and before any low-priority jobs in the queue. ([UiPath Orchestrator documentation1](#))

References:

1. [Starting a Job - UiPath Orchestrator](#).

Question: 87

Which of the following demonstrates the correct syntax for using the Vb.Net "If" Operator?

- A. If(condition1, valuelfTrue, valuelfFalse)
- B. If(condition1, valuelfTrue) Elself(valuelfFalse)
- C. If condition1 Then valuelfTrue Elself valuelfFalse
- D. valuelfTrue If condition1 Else valuelfFalse

Answer: A

Explanation:

Question: 88

DRAG DROP

How should the computation of the signature be done for client apps that receive Orchestrator requests and need to check their authenticity?

Instructions: Drag the Description found on the left and drop on the correct Step Sequence found on the right.

Description	
Retrieve the X-UiPath-Signature HTTP header.	To obtain the raw signature bytes, decode the value of the header from Base64.
Compare the computed signature to the value from X-UiPath-Signature HTTP header.	Compute the hash using SHA256 and the signing key (UTF-8 encoded).

Step Sequence



Answer:

Explanation:

Step Sequence

Retrieve the X-UiPath-Signature HTTP header.

To obtain the raw signature bytes, decode the value of the header from Base64.

Compute the hash using SHA256 and the signing key (UTF-8 encoded).

Compare the computed signature to the value from X-UiPath-Signature HTTP header.

The correct sequence for the computation of the signature for client apps that receive Orchestrator requests and need to check their authenticity is:

Retrieve the X-UiPath-Signature HTTP header. This header contains the signature of the request body, encoded in Base64. ([UiPath Orchestrator documentation1](#))

To obtain the raw signature bytes, decode the value of the header from Base64. You can use any tool or library that supports Base64 decoding. ([UiPath Orchestrator documentation1](#))

Compute the hash using SHA256 and the signing key (UTF-8 encoded). The signing key is a secret value that is shared between Orchestrator and the client app. You can use any tool or library that supports SHA256 hashing. ([UiPath Orchestrator documentation1](#))

Compare the computed signature to the value from X-UiPath-Signature HTTP header. If they match, then the request is authentic and has not been tampered with. If they do not match, then the request is invalid and should be rejected. ([UiPath Orchestrator documentation1](#))

References: [1: Webhooks - UiPath Orchestrator.](#)

Question: 89

When installing UiPath Studio, which of the following actions require administrator privileges?

- A. Administrator privileges are not required for installing UiPath Studio.
- B. Administrator privileges are required for installing the robot in both service mode and user mode.
- C. Administrator privileges are required for installing the robot in user mode.
- D. Administrator privileges are required for installing the robot in service mode.

Answer: D

Explanation:

Question: 90

Data from an Excel file is read into a data table named "dtEmployee", as displayed in the following graphic:

	A	B	C	D
1	Name	Date Of Joining	Department	Salary
2	Andrew	12/11/2016	IT	30000
3	Billy	11/11/2015	IT	20000
4	Clara	6/6/2013	Marketing	15000
5	Dennis	8/12/2017	ITES	35000
6	Esther	2/11/2017	Finance	42000
7	Fatima	6/6/2013	ITES	30000
8	Gilly	8/6/2013	Finance	15000
9	Hannah	2/11/2017	Finance	28000
10				
11				
12				

Emp Data (+)

A developer needs to filter the data table to obtain all rows representing employees from the Finance and IT departments with a Salary under 30,000. Which expression yields the desired

outcomes?

- A. dtEmployee.Select("([Department]='IT' AND [Department]='Finance') AND [Salary] < 30000")
- B. dtEmployee.Select("[Department]='IT' OR [Department]='Finance' AND [Salary] < 30000")
- C. dtEmployee.Select("([Department]='IT' OR [Department]='Finance') AND [Salary] < 30000")
- D. dtEmployee.Select("[Department]='IT' OR [Department]='Finance' OR [Salary] < 30000")

Answer: C

Explanation:

This expression filters the data table to obtain all rows representing employees from the Finance and IT departments with a Salary under 30,000. The expression uses the Select method of the data table, which returns an array of data rows that match a specified condition. The condition is written as a string that follows the syntax and rules of the DataColumn.Expression property. The condition uses parentheses to group the logical operators OR and AND, which have different precedence levels. The OR operator returns true if either operand is true, while the AND operator returns true only if both operands are true. The condition also uses single quotes to enclose the string values of the Department column, and the less than operator to compare the numeric values of the Salary column. ([UiPath Studio documentation1](#)) References:

1: [DataTable.Select Method \(System.Data\) | Microsoft Docs](#).

Question: 91

Where is the TransactionNumber incremented in the REFramework?

- A. Only in the SetTransactionStatus.xaml workflow.
- B. In the End Process state in the Finally section of the Try Catch activity.
- C. In the RetryCurrentTransaction.xaml workflow and in the SetTransactionStatus.xaml workflow.
- D. In the New Transaction transition.

Answer: C

Explanation:

The TransactionNumber is a variable that stores the index of the current transaction item in the REFramework. The TransactionNumber is incremented in two places in the REFramework:

In the RetryCurrentTransaction.xaml workflow, which is invoked when a system exception occurs and the retry mechanism is enabled. The workflow increments the TransactionNumber by 1 and sets the TransactionStatus to "Retry". This allows the framework to retry the same transaction item with a new index. ([UiPath ReFramework documentation2](#))

In the SetTransactionStatus.xaml workflow, which is invoked at the end of each transaction to update the status of the transaction item and log the result. The workflow increments the TransactionNumber by 1 and sets the TransactionStatus to "Successful", "Failed", or "BusinessRuleException" depending on the outcome of the transaction. This allows the framework to move on to the next transaction item with a new index. ([UiPath ReFramework documentation3](#)) References:

1: [Robotic Enterprise Framework Template - UiPath Studio](#).

2: [RetryCurrentTransaction.xaml - UiPath ReFramework](#).

3: [SetTransactionStatus.xaml - UiPath ReFramework](#).

Question: 92

What is the output type returned when using a Get Test Data Queue Item activity?

- A. Dictionary
- B. Dictionary
- C. Object
- D. QueueItem

Answer: A

Explanation:

The Get Test Data Queue Item activity is used to retrieve a test data queue item from Orchestrator and store it in a variable. The output type of the variable is Dictionary, which means that it is a collection of key-value pairs that can be accessed by using the key name. For example, if the test data queue item contains the fields Name, Age, and Gender, then the output variable can be used to get the values of these fields by using expressions like `outputVar("Name")`, `outputVar("Age")`, or `outputVar("Gender")`. ([UiPath Studio documentation1](#)) References:

1: [Get Test Data Queue Item - UiPath Activities](#).

Question: 93

A developer is building an automation that must interact with a destination remote computer reached by jumping through multiple RDP connections, as described by the following scenario: - The Robot is installed on Machine A, which connects through RDP to Machine B.

- From Machine B another RDP connection is opened to Machine C, where the automation must be performed.

Which of the following scenarios is appropriate for the developer who wants to use UI Automation activities?

A. UI Automation can be used and the following are prerequisites: Machine A - install RDP extension. Machine B - no requirement. Machine C - install RemoteRuntime.msi.

B. UI Automation can be used and the following are prerequisites: Machine A - no requirement. Machine B - no requirement. Machine C - install RemoteRuntime.msi.

C. UI Automation can be used and the following are prerequisites: Machine A - install RDP extension. Machine B - install RDP extension and RemoteRuntime.msi. Machine C - install RemoteRuntime.msi.

D. UI Automation can be used and the following are prerequisites: Machine A - install RDP extension. Machine B - install RemoteRuntime.msi. Machine C - install RemoteRuntime.msi.

Answer: C

Explanation:

UI Automation is a feature that enables you to automate the interaction with UI elements on remote machines using native selectors. To use UI Automation in a scenario where multiple RDP connections are involved, you need to install the UiPath Windows Remote Desktop extension on the client machines and the UiPath Remote Runtime component on the destination machine. The extension allows you to identify UI elements on the remote desktop and send keyboard and mouse events to them. The Remote Runtime component enables the communication between the extension and the UiPath Robot service. In this case, Machine A and Machine B are client machines, while Machine C is the destination machine. Therefore, you need to install the RDP extension on Machine A and Machine B, and the Remote Runtime component on Machine C. ([UiPath Studio documentation1](#)) References:

[1: About Native RDP Automation - UiPath Studio.](#)

Question: 94

A developer implemented a process using the Robotic Enterprise Framework and an Orchestrator queue. The MaxRetryNumber from the "Config.xlsx" file is set to "1" and the Max # of retries from the Queue settings from Orchestrator is set to

"2". At runtime, the first transaction item throws a Business Exception.

How many times will the transaction be retried?

- A. The transaction will be retried only one time.
- B. The transaction will not be retried.
- C. The transaction will be retried 2 times.
- D. The transaction will be retried multiple times, until it will be processed successfully.

Answer: B

Explanation:

The Robotic Enterprise Framework (REF) is a template that provides a structured and consistent way to develop automation processes. The REF uses an Orchestrator queue to store and process the transaction items, which are the units of work for the process. The REF also handles different types of exceptions that may occur during the execution of the process, such as system exceptions and business exceptions. A system exception is an error that prevents the normal execution of the process, such as a network failure or an application crash. A business exception is an error that is related to the business logic or rules of the process, such as an invalid input or an incorrect output.

The REF has different mechanisms to deal with these exceptions, such as retrying, logging, and updating the status of the transaction items.

The MaxRetryNumber from the "Config.xlsx" file is a parameter that specifies how many times the REF will retry a transaction item when a system exception occurs. The Max # of retries from the Queue settings from Orchestrator is a parameter that specifies how many times Orchestrator will retry a transaction item when it changes to Failed status due to any exception. These two parameters are independent of each other and have different effects on the retry mechanism.

In this case, the first transaction item throws a business exception, which means that there is something wrong with the data or the logic of the process. The REF will not retry a transaction item when a business exception occurs, because it assumes that retrying will not solve the problem. Instead, the REF will log the exception, update the status of the transaction item to Failed, and move on to the next transaction item. Orchestrator will also not retry a transaction item when it changes to Failed status due to a business exception, because it respects the decision of the REF. Therefore, the transaction will not be retried at all.

References:

[1: Robotic Enterprise Framework Template - UiPath Studio.](#)

Question: 95

What is the recommended approach for handling tabular data when building a REFramework transactional project in UiPath?

- A. Implement custom activities to handle the tabular data.
- B. Convert the tabular data into a string format and store it in a single variable.
- C. Use separate variables to store each column of the tabular data.
- D. Utilize a DataTable variable to store and process the tabular data.

Answer: D

Explanation:

A DataTable variable is a data structure that can store and manipulate tabular data in UiPath. A DataTable variable has rows and columns that correspond to the rows and columns of the tabular data source, such as an Excel or CSV file. A DataTable variable can be used to store the input data for a REFramework transactional project, where each row represents a transaction item. The REFramework template can be modified to use a DataTable variable as the TransactionItem type and to process each row in the GetTransactionData and ProcessTransaction workflows. Using a DataTable variable is the recommended approach for handling tabular data when building a REFramework transactional project in UiPath, because it is efficient, flexible, and easy to use. ([UiPath ReFramework documentation1](#))

References:

1: [Robotic Enterprise Framework Template - UiPath Studio](#).

Question: 96

When a developer runs a process using the REFramework, with the process utilizing Orchestrator queues and a queue already created with the Name provided and the Auto Retry function disabled, which states will be executed without errors?

- A. Initialization -> Process Transaction -> End Process
- B. Initialization -> Get Transaction Data -> Process Transaction -> End Process
- C. Initialization -> Get Transaction Data -> End Process
- D. Initialization -> End Process

Answer: B

Explanation:

The REFramework is a template that provides a structured and consistent way to develop automation processes using state machines. The REFramework has four main states: Initialization, Get Transaction Data, Process Transaction, and End Process. Each state performs a specific function and transitions to another state based on the outcome. When a developer runs a process using the REFramework, with the process utilizing Orchestrator queues and a queue already created with the Name provided and the Auto Retry function disabled, the following states will be executed without errors:

Initialization: This state is used to initialize the application, read the configuration data, and log in to Orchestrator. If the initialization is successful, the state transitions to Get Transaction Data;

otherwise, it transitions to End Process. ([UiPath ReFramework documentation1](#))

Get Transaction Data: This state is used to retrieve a transaction item from the Orchestrator queue and assign it to a variable. If there is a transaction item available, the state transitions to Process Transaction; otherwise, it transitions to End Process. ([UiPath ReFramework documentation1](#))

Process Transaction: This state is used to

execute the business logic for the current transaction item and handle any exceptions that may occur. If the transaction is successful, the state updates the status of the transaction item to Successful and transitions to Get Transaction Data; if the transaction fails due to a business exception, the state updates the status of the transaction item to Failed and transitions to Get Transaction Data; if the transaction fails due to a system exception, the state updates the status of the transaction item to Failed and retries the transaction based on the MaxRetryNumber parameter from the Config file. If the retry limit is reached, the state transitions to End Process; otherwise, it transitions to Get Transaction Data

a. ([UiPath ReFramework documentation1](#))

End Process: This state is used to close all applications, log out of Orchestrator, and terminate the process. This state does not have any transition. ([UiPath ReFramework documentation1](#))

References:
[1: Robotic Enterprise Framework Template - UiPath Studio.](#)

Question: 97

What happens when closing a Remote Debugging Connection while a debugging execution is in progress?

- A. Debugging execution stops gracefully, then the connection is closed.
- B. The remote robot continues the execution after Studio closes the connection.
- C. It is not possible to close the connection while debugging is in progress.
- D. Debugging execution ends in exception, then the connection is closed.

Answer: D

Explanation:

When you close a Remote Debugging Connection while a debugging execution is in progress, the execution is stopped abruptly and an exception is thrown on the remote robot. The connection is then closed and you are returned to the Studio interface. (Debugging in Studio - UiPath Academy)

References:
[Studio - Remote Debugging](#)

[Debugging in Studio - UiPath Academy](#)

Question: 98

What is the correct method to check how many resources are utilized in a personal workspace in UiPath Orchestrator?

- A. Navigate to Tenant > Folders, click the All Workspaces tab, and then click Check Resources for the desired workspace.
- B. Navigate to Tenant > Folders, click the Personal Workspaces tab, and then click See Usage for the desired workspace.
- C. Navigate to Tenant > Users, click the Personal Workspaces tab, and then click Resources for the desired workspace.
- D. Navigate to Tenant > Folders, click the Personal Workspaces tab, and then click Manage Resources for the desired workspace.

Answer: B

Explanation:

To check how many resources are utilized in a personal workspace in UiPath Orchestrator, you can use the See Usage option that displays the current consumption of resources for each workspace.

You can also see the total number of resources allocated to all personal workspaces in your tenant.

(Orchestrator - Personal Workspaces - UiPath Academy) References:

[Orchestrator - Personal Workspaces - UiPath Documentation Portal](#)

[Orchestrator - Personal Workspaces - UiPath Documentation Portal](#)

[Difference Between Tenant and Personal Workspace - Studio - UiPath Forum](#)

[Personal Workspace in UiPath Orchestrator - mumas](#)

[UiPath Personal Workplaces in Orchestrator | UiPath Academy](#)

Question: 99

Which of the following statements is true about the existing UiPath Studio installation packages?

- A. The Attended Robot installation package installs only UiPath Studio, and Robot.
- B. The Attended Robot installation package installs only the UiPath Robot.
- C. The Unattended Robot installation package installs only UiPath Studio, Assistant, and Robot.
- D. The Automation Developer installation package installs only UiPath Studio, Assistant, and Robot.

Answer: D

Explanation:

The Automation Developer installation package is a standalone installer that allows you to install UiPath Studio, Assistant, and Robot on your computer. This package is suitable for developers who want to create and test automation projects in UiPath Studio. (UiPath Studio - Installation Options - UiPath Academy)

References:

[Studio - Installation Options - UiPath Documentation Portal](#) [UiPath Studio - Installation Options - UiPath Academy] [UiPath Studio - Installation Guide - UiPath Academy]

Question: 100

What is a pre-requisite for running functional test cases in REFramework?

- A. Invoke Process XAML file
- B. Invoke InitAllSettings XAML file
- C. Invoke SetTransactionStatus XAML file
- D. Invoke Main XAML file

Answer: B

Explanation:

A pre-requisite for running functional test cases in REFramework is to invoke the InitAllSettings XAML file, which initializes the application, reads the configuration file, and sets the log level. This file is invoked in the Init state of the Main XAML file, which is the entry point of the REFramework. By invoking the InitAllSettings file, you can ensure that the test cases have access to the necessary settings and parameters for the automation project. (UiPath Studio - Testing Frameworks - UiPath Academy)

References:

[Studio - Testing Frameworks - UiPath Documentation Portal](#)

[UiPath Studio - Testing Frameworks - UiPath Academy](#)

[REFramework documentation.pdf - Google Drive](#)

Question: 101

Where in the REFramework template project is the "SetTransactionStatus.xaml" invoked?

- A. In the Finally section of the Try Catch activity in the Process Transaction state.
- B. In the Try section of the Try Catch activity in the End Process state.
- C. In the Try and Catches sections of the Try Catch activity in the Process Transaction state.
- D. In the Catches section of the Try Catch activity in the Process Transaction state.

Answer: A

Explanation:

The SetTransactionStatus.xaml file is invoked in the Finally section of the Try Catch activity in the Process Transaction state of the REFramework template project. This file is responsible for setting the status of the current transaction item based on the outcome of the process. It also closes all applications that are used by the process and logs relevant information. (UiPath Studio -

REFramework - UiPath Academy)

References:

[Studio - REFramework - UiPath Documentation Portal](#)

[UiPath Studio - REFramework - UiPath Academy](#)

[REFramework documentation.pdf - Google Drive](#)

Question: 102

A developer is working on an automation using the REFramework. Each transaction item represents a piece of client information. For each customer, the automated procedure must click the "Generate Shipment Details" button. This generates a table of shipment records for each customer. What type of exception occurs when the data is not accessible, the created table displays only the header row, and processing for that client must be halted?

- A. ApplicationException
- B. BusinessException
- C. SystemException
- D. NullReferenceException

Answer: B

Explanation:

A BusinessException occurs when a business rule is violated or a business requirement is not met during the execution of a process. In this case, the data is not accessible and the created table displays only the header row, which means that the expected output for the client is not generated. Therefore, processing for that client must be halted and a BusinessException must be thrown. (UiPath Studio - Exception

Handling - UiPath Academy)

References:

[Studio - Exception Handling - UiPath Documentation Portal](#)

[UiPath Studio - Exception Handling - UiPath Academy](#)

Question: 103

A developer creates a process that uses data from multiple sources and uploads it to an Orchestrator queue. The data originates from emails in different email inboxes and needs to be processed in the same order in which the email was received. To ensure the Queue Items are processed in the correct order, which property of the Add Queue Item activity should be used?

- A. Postpone
- B. ItemInformation
- C. Reference
- D. Deadline

Answer: A

Explanation:

The Postpone property of the Add Queue Item activity allows you to specify a date and time when the queue item becomes available for processing. This can be used to ensure that the queue items are processed in the same order as the emails were received, by setting the Postpone value to the email received date and time. (UiPath Studio - Add Queue Item - UiPath Academy) References:

[Studio - Add Queue Item - UiPath Documentation Portal](#)

[UiPath Studio - Add Queue Item - UiPath Academy](#)

[How to use Postpone property in Add Queue Item activity? - Studio - UiPath Community Forum](#)

Question: 104

What is the purpose of credential stores in UiPath Orchestrator?

- A. To store Orchestrator event logs and related data for auditing purposes.
- B. To serve as a centralized location for storing pre-built automation workflows and processes.
- C. To securely store sensitive data such as Robot credentials and Credential Assets for use in automation processes.
- D. To store non-sensitive data and configuration settings for UiPath Studio projects.

Answer: C

Explanation:

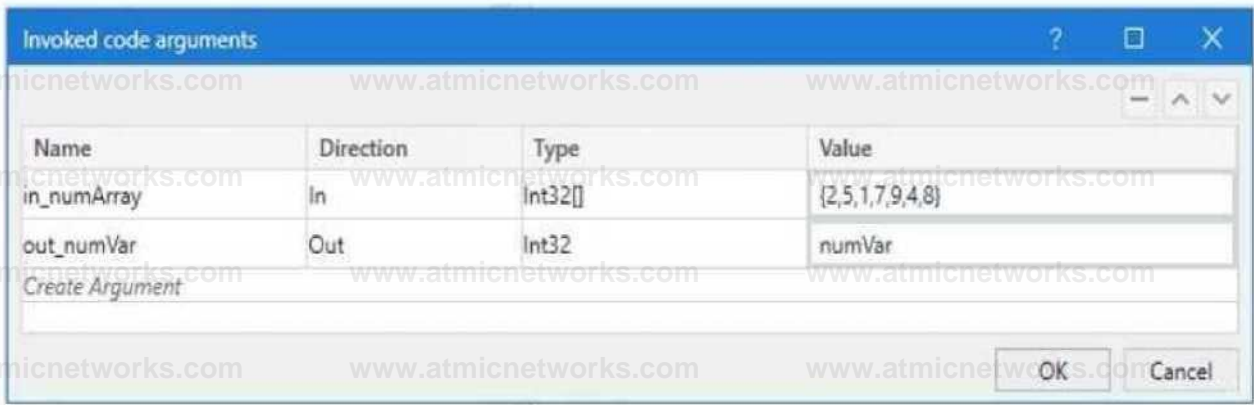
Credential stores in UiPath Orchestrator are used to securely store sensitive information like Robot credentials and Credential Assets, which are essential for executing automated processes that require login details or other secure data. Orchestrator supports multiple credential stores at the tenant level and provides built-in support for secure stores such as CyberArk and Azure Key Vault. It also allows for the development of plugins for other secure stores if needed. (Orchestrator - Credential Stores - UiPath Academy) References:

[Orchestrator - Credential Stores - UiPath Documentation Portal](#)

[Credential Stores - UiPath Orchestrator](#)

Question: 105

Given the following list of arguments:



And the following code:

```
Code Editor
VB.Net Code
1 out_numVar = 0
2 Dim i As Integer
3 For i = 0 To in_numArray.Length-1
4     If in_numArray(i) > out_numVar Then
5         out_numVar = in_numArray(i)
6     End If
7 Next i
```

OK Cancel

What is the value that will be displayed in the Output Panel at the end of the sequence below:

The screenshot shows a code execution environment with two panels:

- Invoke Code:** Contains the following VB.NET code:

```
out_numVar = 0
Dim i As Integer
For i = 0 To UBound(in_numArray)
    If in_numArray(i) > out_numVar Then
        out_numVar = in_numArray(i)
    End If
```

Buttons for "Edit Code" and "Edit Arguments" are visible below the code.
- Write Line:** Contains a text box with the code `{ } numVar.ToString`. A plus sign button is located below the text box.

- A. 1
- B. 2

- C. 7
- D. 9

Answer: D

Explanation:

The code in the Invoke Code activity is looping through an array of integers and checking if the current value is greater than the previous value. If it is, the current value is stored in the output variable. Since the last value in the array is 9, this will be the final value of the output variable. (UiPath Studio - Invoke Code - UiPath

Academy) References:

[Studio - Invoke Code - UiPath Documentation Portal](#)

[UiPath Studio - Invoke Code - UiPath Academy](#)

Question: 106

What is a recommended way to safely store credential information used in a UiPath automation project?

- A. Store the username and password as hardcoded values with the Private option enabled on activities
- B. Store the username and password in a Config.xlsx Excel file in the Studio project folder
- C. Store the username and password in a single Orchestrator asset
- D. Store the username and password in a Notepad file on the robot's local machine

Answer: C

Explanation:

Storing the username and password in a single Orchestrator asset is a recommended way to safely store credential information used in a UiPath automation project. This way, the credentials are encrypted and stored in a secure location, and can be accessed by the robot at runtime. Orchestrator assets also allow for easy management and updating of the credentials without modifying the workflow. References: [Assets](#) and [Managing Assets in Studio](#) from UiPath documentation.

Question: 107

A developer needs to prioritize automating several processes. To help prevent any long-term maintenance, which process attribute should be avoided?

- A. Logical decision points
- B. Repetitive business process
- C. Frequent application changes
- D. High volume work

Answer: C

Explanation:

Frequent application changes are a process attribute that should be avoided when prioritizing automating several processes. This is because frequent application changes can cause the automation to break or malfunction, and require constant maintenance and updates. Processes that are stable and consistent are more suitable for automation, as they reduce the risk of errors and rework. References: [Process Selection Criteria](#) and [Process Analysis](#) from UiPath documentation.

Question: 108

A developer is using the Step Out action in Debug mode to review a process as shown in the following exhibit.



Which functionality does the Step Out action provide?

- A. Pauses at an activity that caused an error
- B. Re-executes the activity which threw an exception
- C. Executes only one activity at a time and then pauses
- D. Executes activities in the current container and then pauses

Answer: D

Explanation:

The Step Out action is used for stepping out and pausing the execution at the level of the current container. Step Out completes the execution of activities in the current container, before pausing the debugging. [This option works well with nested sequences](#)¹. In the exhibit, the Step Out action will execute all the activities inside the Sequence container and then pause at the next activity in the Main workflow. References: [Debugging Actions](#) from UiPath documentation.

Question: 109

A developer initialized a String array, `listOfMonthsByQuarter = {"1", "2", "3"}` Which data type and value are retrieved when `listOfMonthsByQuarter(2)` is used at runtime?

- A. Data Type Int32
Value: 2
- B. Data Type- Int32
Value: 3

- C. Data Type: String
Value. 2
- D. Data Type. String:
Value 3

Answer: D

Explanation:

The listOfMonthsByQuarter variable is a String array, which means it can store multiple values of type String. Each value in the array has an index, which is a number that indicates its position in the array. The index starts from 0, so the first value has index 0, the second value has index 1, and so on. To access a specific value in the array, we can use the syntax `arrayName(index)`. For example, `listOfMonthsByQuarter(0)` will return the first value in the array, which is "1". Similarly, `listOfMonthsByQuarter(2)` will return the third value in the array, which is "3". Therefore, the data type of `listOfMonthsByQuarter(2)` is String, and the value is "3". References: [Arrays](#) and [Variables](#) from UiPath documentation.

Question: 110

A developer wants to create a process which runs in the background and uses Excel activities Which property of the Excel Application Scope activity must be configured for the process to run in the background?

- A. Private
- B. Visible
- C. Save changes
- D. Read-only

Answer: B

Explanation:

The Visible property of the Excel Application Scope activity determines whether the Excel file is opened in the foreground or in the background. If the Visible property is set to True (default value), the Excel file is opened and displayed on the screen. If the Visible property is set to False, the Excel file is opened and processed in the background, without showing the user interface. This can improve the performance and speed of the automation, as well as avoid any interference with the user's work. Therefore, to create a process that runs in the background and uses Excel activities, the Visible property of the Excel Application Scope activity must be configured to False.

References: [Excel Application Scope](#) from UiPath documentation.

Question: 111

When is the Anchor Base activity used to automate interaction with an application?

- A. When the element selector is reliable but the element's position on the screen changes
- B. When all the element selectors in the application are reliable

- C. When no element selectors are available in the automated application
- D. When the element selector is not reliable and the element's position on the screen changes

Answer: D

Explanation:

The Anchor Base activity is used to automate interaction with an application when the element selector is not reliable and the element's position on the screen changes. The Anchor Base activity consists of two parts: an anchor and an action. The anchor is a UI element that has a reliable selector and a fixed position relative to the target element. The action is the activity that performs the desired operation on the target element. The Anchor Base activity uses the anchor to locate the target element based on its relative position (left, right, top, bottom) and then executes the action on it. This way, the automation can handle dynamic and complex UI elements that have unreliable selectors or change their position on the screen. References: [Anchor Base](#) and [Example for Anchor Base Activity](#) from UiPath documentation and forum.

Question: 112

You are working on an existing project that is connected to a GIT version control system Which Context menu option should be used to provide local versions of files to the remote repository?

- A. Pull (rebase)
- B. Push
- C. Set As Mam
- D. Show History

Answer: B

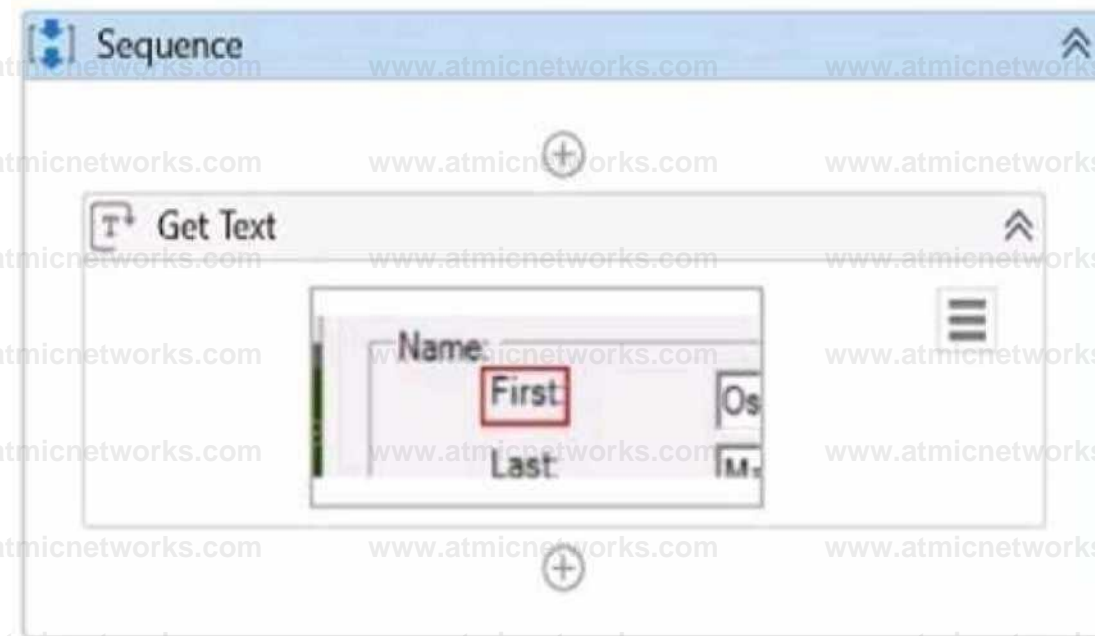
Explanation:

The Push option is used to provide local versions of files to the remote repository in a GIT version control system. Pushing is the process of uploading local repository updates to a remote repository. [By pushing changes, other users who have access to the remote repository can view and collaborate on the project1. To push changes to a remote repository, the project must be committed locally first, and then the Push option can be selected from the context menu in UiPath](#)

Studio2. References: [Pushing changes to a remote repository](#) and [Managing Projects with GIT](#) from UiPath documentation.

Question: 113

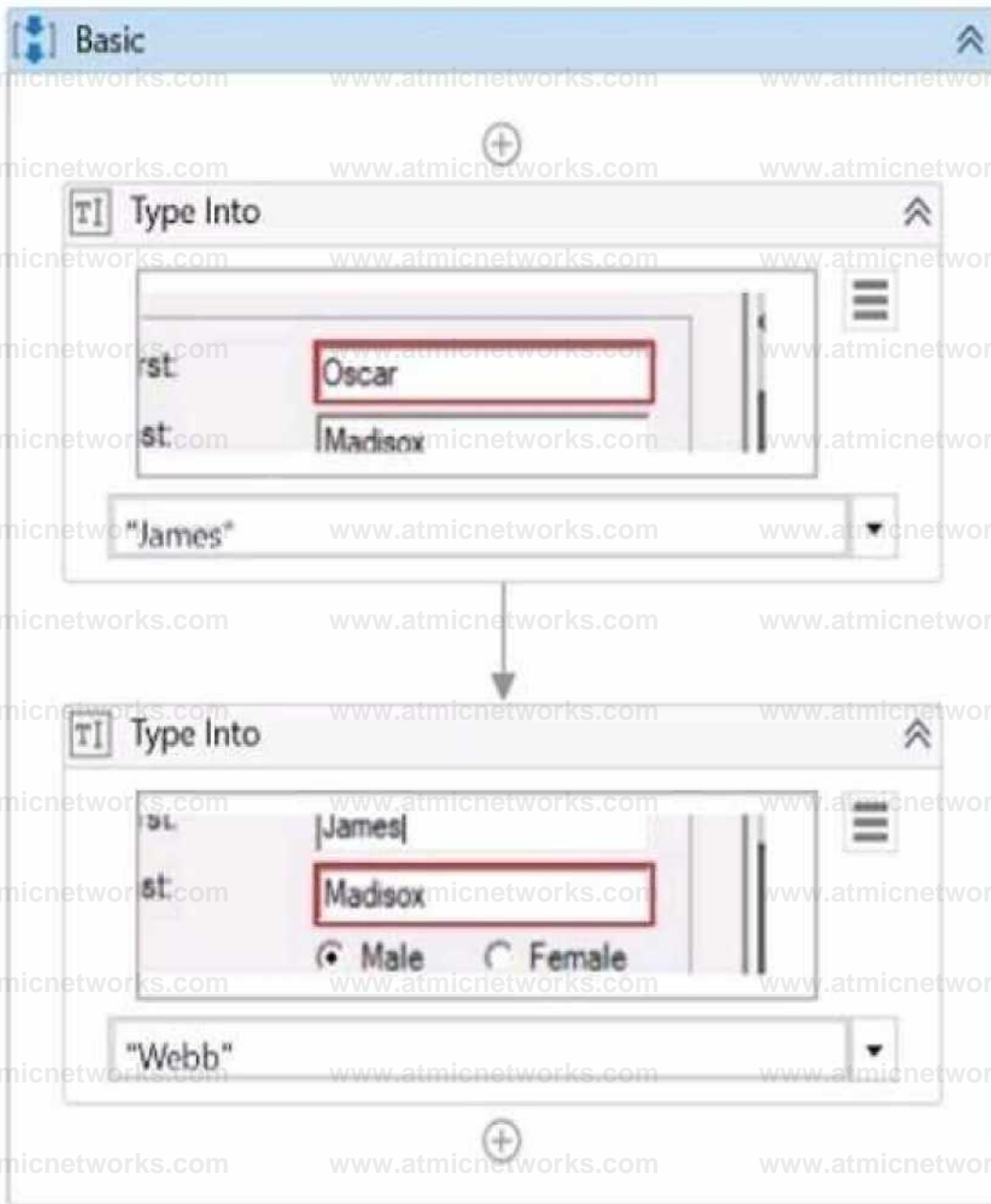
What represents a sequence that contains an activity with a partial selector?



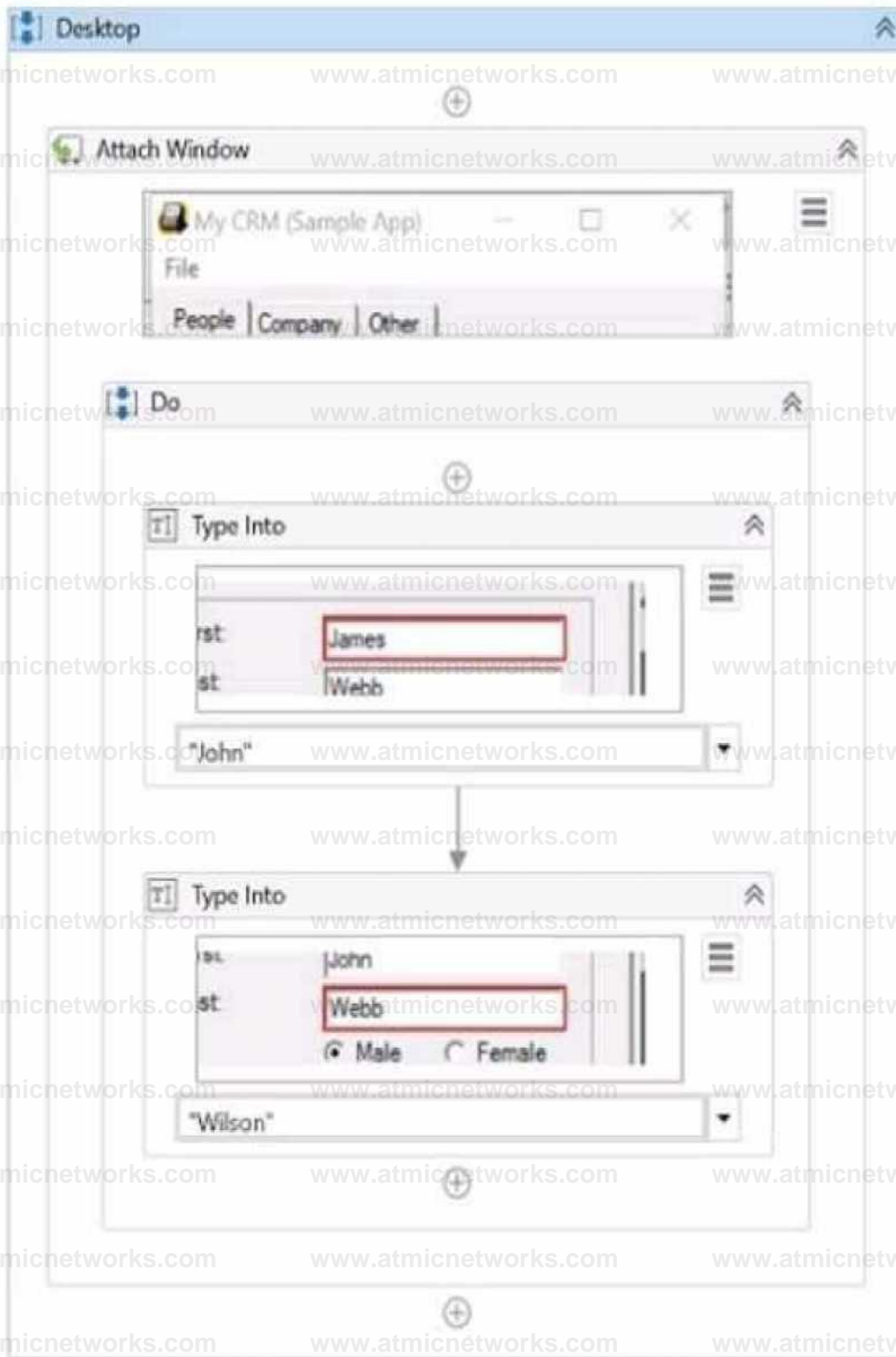
B)



C)



D)



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

Answer: B

Explanation:

A partial selector is a selector that does not contain the information about the top-level window. A partial selector is usually generated when a UI Automation activity is included in a container activity, such as Attach Browser or Attach Window, that has a full selector of the outer window. This way, the UI Automation activity can use the partial selector relative to the container, instead of the full selector from the root. A partial selector is indicated by the icon in the Properties panel of the UI Automation activity. In this question, the sequence that contains an activity with a partial selector is Option B, where the Click activity has the partial selector icon and is enclosed in an Attach Window activity. The other options have activities with full selectors, indicated by the icon . Therefore, the answer is B. Option B. References: [Full Versus Partial Selectors](#), [Selectors](#)

Question: 114

A developer used a dictionary to store employee ID numbers as the key with associated employee surnames as the value What is the benefit of using a dictionary?

- A. Dictionaries can have repeated keys
- B. Dictionaries must have unique values
- C. Dictionaries can be searched by keys or values
- D. Dictionary keys and values can be of different data types

Answer: D

Explanation:

The benefit of using a dictionary is that dictionary keys and values can be of different data types. A dictionary is a collection of key-value pairs, where each key is associated with a value. The key and the value can be of any data type, such as String, Integer, Boolean, Object, etc. [This allows for more flexibility and versatility in storing and retrieving data](#)³. For example, a dictionary can store employee ID numbers as the key with associated employee surnames as the value, where the key is of type Integer and the value is of type String. [To access the value of a specific key, the syntax dictionaryName\(key\) can be used](#)⁴. References: [Dictionaries](#) and [How to use dictionary?](#) from UiPath documentation and forum.

Question: 115

When using a dynamic selector which data type is supported?

- A. UiElement
- B. Double
- C. String
- D. Data Table

Answer: C

Explanation:

When using a dynamic selector, the data type that is supported is String. A dynamic selector is a selector that uses a variable or an argument as a property for the attribute of the target element. [This allows the selector to easily identify the target element based on the value of the variable or argument, and not an exact string, which might change depending on the interactions inside the automation project1.](#) [The variable or argument that is used in the dynamic selector must be of type String, as the attribute values are always strings2.](#) For example, a dynamic selector can use a variable named MenuOption to click on different menu items in an application, such as File, Edit, or Format. The variable MenuOption must be a String variable, and its value can be changed at runtime to interact with different elements. [A dynamic selector has the following format, where {{Value}} is the name of the variable or argument that holds the property of the element you want to interact with1:](#)

Dynamic Selector Format <tag attribute = {{Value}} />

References: [Dynamic Selectors](#) and [How many types of selectors are in UiPath?](#) from UiPath documentation and forum.

Question: 116

DRAG DROP

What is the correct sequence of steps to install a new Activities package in UiPath Studio 2021 10?

Instructions:

Drag the Description found on the left and drop on the correct Step found on the right.

Description	Step Sequence
Click. All Packages	Step 1
In the Manage Packages window, click Save	Step 2
Click Manage Packages	Step 3
Search and install the desired package	Step 4

Answer:

Explanation:

Click, Manage Packages

In the Manage Packages window, click Save Search and Install the desired package Click, All Packages

The correct sequence of steps to install a new Activities package in UiPath Studio 2021 10 is: Click Manage Packages in the ribbon.

In the Manage Packages window, click All Packages in the left panel.

Search for the desired package in the search box and select it from the list.

Click Install and then Save to complete the installation.

Comprehensive and Detailed Explanation: To install a new Activities package in UiPath Studio 2021 10, you

need to follow these steps:

Click Manage Packages in the ribbon. This will open the Manage Packages window, where you can browse, install, update, or remove packages from your project.

In the Manage Packages window, click All Packages in the left panel. This will display all the available packages from the official UiPath feed, as well as any other feeds that you have configured in the Settings tab.

Search for the desired package in the search box and select it from the list. You can also filter the packages by category, compatibility, or source. You can see the package details, such as version, description, dependencies, and release notes, in the right panel.

Click Install and then Save to complete the installation. The package will be added to your project dependencies and downloaded to the local cache. You can also choose to install a specific version of the package by clicking on the version number and selecting from the drop-down list.

References:

[Managing Packages](#)

[Installing and Updating Packages](#)

Question: 117

A developer wants to design a complex business process using UiPath Studio. The workflow type needs to present multiple branches between UI activities Which recommended type of workflow meets the requirement?

- A. Global Exception Handler
- B. Flowchart
- C. Sequence
- D. State Machine

Answer: B

Explanation:

The recommended type of workflow for designing a complex business process using UiPath Studio is Flowchart. Flowcharts are suitable for a more complex business logic, as they enable you to integrate decisions and connect activities in a more diverse manner, through multiple branching logic operators. [Flowcharts can also be used as a part of other diagrams, such as Sequences or State Machines](#)³. Flowcharts provide a clear and visual representation of the flow of the process, as well as the possible outcomes and exceptions.

[Flowcharts can also be easily modified and expanded, as new activities and branches can be added or removed](#)⁴. References: [Flowchart](#) and [Understanding the Concept of Workflow of UiPath](#) from UiPath documentation and Medium.

Question: 118

A developer has defined the StrVar variable of type String Which expression should the developer use to return four characters starting with the second character?

- A. StrVar.Substring(1, 4)
- B. StrVar.Substnng(1, 5)
- C. StrVar.Substring (2, 4)

D. StrVar.Substring (2, 5)

Answer: A

Explanation:

The Substring method is used to extract a part of a string based on a specified starting index and length. The syntax of the Substring method is: string.Substring(startIndex, length) where startIndex is the zero-based position of the first character in the substring, and length is the number of characters in the substring. For example, if the string is "Hello", then string.Substring(1, 2) will return "el", as it starts from the second character (index 1) and takes two characters.

To return four characters starting with the second character, the startIndex should be 1 and the length should be 4. Therefore, the expression should be:
StrVar.Substring(1, 4)

References: [Substring](#) and [How to manipulate a part of string: Split, Trim, Substring, Replace, Remove, Left, Right](#) from UiPath documentation and forum.

Question: 119

A developer designed an automation to use an Asset value from Orchestrator using the Get Asset activity. The value represents email addresses of the process owners which may change.

Which Asset Type should be used?

- A. Bool
- B. Credential
- C. Text
- D. Integer

Answer: C

Explanation:

The Asset Type that should be used for storing email addresses of the process owners is Text. Text assets are used to store only string values, such as names, addresses, URLs, etc. Text assets can be easily retrieved and updated using the Get Asset and Set Asset activities in UiPath Studio. Text assets are suitable for storing email addresses, as they can contain alphanumeric characters, symbols, and special characters. Text assets can also be used in various activities that require string input or output, such as Send Email, Write Line, Assign, etc.

References: [About Assets](#) and [Assets in UiPath Orchestrator and their usage in project](#) from UiPath documentation and RPA Learners.

Question: 120

A developer is working with a Purchase Order automation process. The number of shipment containers and boxes per container are obtained in two strings, "ShipmentContainers" and "BoxesPerContainer". The task is

for the robot to obtain the total number of boxes in all shipment containers in an Int32 variable TotalBoxes.

Which expression should be used for calculating the total number of boxes?

- A. Convert.ToInt32(ShipmentContainers) * Convert.ToInt32(BoxesPerContainer)
- B. ShipmentContainers.ToInt() * BoxesPerContainer.ToInt()
- C. ShipmentContainers.ToInt32() * BoxesPerContainer.ToInt32()
- D. ShipmentContainers * BoxesPerContainer

Answer: A

Explanation:

To calculate the total number of boxes in all shipment containers, the expression that should be used is: Convert.ToInt32(ShipmentContainers) * Convert.ToInt32(BoxesPerContainer)

This expression converts the two strings, "ShipmentContainers" and "BoxesPerContainer", into integer values using the Convert.ToInt32 method. [This method converts the specified string representation of a 32-bit signed integer to an equivalent integer value1](#). Then, the expression multiplies the two integer values to obtain the total number of boxes. For example, if "ShipmentContainers" is "5" and "BoxesPerContainer" is "10", then the expression will return 50 as the total number of boxes.

References: [Convert.ToInt32 Method](#) from UiPath documentation.

Question: 121

What describes how the Excel Application Scope activity interacts with a Microsoft Excel file?

- A. Works only with xls files and Excel does not need to be installed
- B. Works with xlsx files and Excel does not need to be installed
- C. Works only with xlsx files and Excel must be installed
- D. Works with xls and xlsx files and Excel must be installed

Answer: D

Explanation:

The Excel Application Scope activity interacts with a Microsoft Excel file in the following way: it works with xls and xlsx files and Excel must be installed. The Excel Application Scope activity opens an Excel workbook and provides a scope for Excel activities. [When the execution of this activity ends, the specified workbook and the Excel application are closed2](#). [The Excel Application Scope activity can work with xls \(Excel 97-2003 Workbook\) and xlsx \(Excel Macro-Enabled Workbook\) file formats3](#). [However, the Excel Application Scope activity requires Microsoft Excel to be installed on the machine where the automation is running, as it uses the Excel interop assembly4](#). Therefore, the Excel Application Scope activity cannot work with xlsx (Excel Workbook) files or without Excel installed.

References: [Excel Application Scope](#), [File formats that are supported in Excel](#), and [Excel Application Scope - UiPath Activities Guide](#) from UiPath documentation and Microsoft support.

Question: 122

A developer has defined an Int32 variable called IntVar. The developer has written the following expression in a Log Message activity.

Convert.ToBoolean(IntVar)

If IntVar = 0, what is displayed in the Output panel after the execution of the Log Message activity?

- A. The value True is displayed
- B. A System.ArgumentNullException is displayed
- C. A System.InvalidCastException is displayed
- D. The value False is displayed

Answer: D

Explanation:

The Convert.ToBoolean method converts a specified value to a Boolean value, which can be either True or False. The method can accept different types of values, such as numbers, strings, objects, etc. However, the conversion rules depend on the type of the value. [For numbers, the conversion rule is as follows1:](#)

If the value is zero, the method returns False.

If the value is non-zero, the method returns True.

Therefore, if the IntVar variable is an Int32 variable with the value 0, the expression Convert.ToBoolean(IntVar) will return False. The Log Message activity will display the value False in the Output panel after the execution. References: [Convert.ToBoolean Method](#) from UiPath documentation.

Question: 123

A developer is using a Global Exception Handler as an error handling mechanism for a project. By default, how many times does a Global Exception Handler retry an activity that continually throws an error?

- A. 2
- B. 3
- C. 4
- D. 5

Answer: B

Explanation:

The Global Exception Handler is an error handling mechanism for a project. By default, it retries an activity that continually throws an error 3 times. The Global Exception Handler is a workflow that is executed when an exception occurs in the project. [It allows the developer to define custom actions for handling different types of exceptions, such as logging, retrying, aborting, or continuing the execution1.](#) When the Global Exception

Handler encounters an exception, it logs the name of the activity which faulted and starts retrying the activity three times. [If it encounters the same exception each time and the number of retries reaches 3, the execution is aborted at the level of the activity which threw the exception2](#). [The number of retries can be modified by changing the value of the RetryCount variable in the Global Exception Handler workflow3](#). References: [Global Exception Handler](#) and [Global Handler for Exceptions](#) from UiPath documentation and Marketplace.

Question: 124

When should a static selector be used versus a dynamic selector'?

- A. When a standard selector contains a tag value that changes for each execution
- B. When all the attributes or tags remain the same for each execution
- C. When a standard selector contains an attribute value that changes for each execution
- D. When the selector needs to interact with different types of elements on the same page

Answer: B

Explanation:

A static selector should be used when all the attributes or tags remain the same for each execution. A static selector is a selector that has fixed values for the attributes or tags of the target element. A static selector can reliably identify the target element as long as the element does not change its properties or position on the screen. [A static selector is suitable for simple and stable UI elements that have consistent and unique selectors1](#). For example, a static selector can be used to click on a button that has the same name and ID every time the automation runs.

References: [Static Selectors](#) and [Selectors](#) from UiPath documentation.

Question: 125

A developer is reviewing an existing workflow in UiPath Studio Based on best practices, what should be used to view the available versions for activities used in the workflow?

- A. Workflow Analyzer
- B. Project Dependencies
- C. Project Settings
- D. UI Explorer

Answer: B

Explanation:

To view the available versions for activities used in the workflow, the Project Dependencies option should be used. The Project Dependencies option is located in the Project panel in UiPath Studio. It shows the list of all the packages and activities that are used in the current project, along with their current versions and available updates. [The Project Dependencies option also allows the developer to install, update, or remove packages and activities, as well as view their details and documentation2](#). [By using the Project Dependencies option, the developer can ensure that the project is using the latest and compatible versions of the activities, and avoid](#)

[any errors or conflicts that might arise from outdated or missing packages](#)³.

References: [Managing Dependencies](#) and [Project Dependencies Mass Update](#) from UiPath documentation and forum.

Question: 126

Review the following exhibit.

£] While - BoolFlag

Condition

Body

[J | Body - while body

^ If - BoolFlag is True

Condition

BoolFlag

| J Sequence

f1 *

Condition

BoolFlag

Then

J Sequence

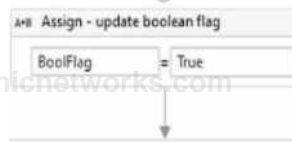
^ Write Line - Good Morning

Text "Good Morning"

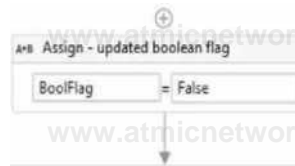
ii Assign - Initiate boolean flag

BoolFlag = True

BoolFlag



Then



Eke



Based on the exhibit, which output is produced in the Output panel?

- A. Hello
- B. Good Morning UiPath
- C. Good Morning
- D. UiPath

Explanation:

Answer: C

Based on the exhibit, the output produced in the Output panel is "Good Morning". This is because the "If" activity checks if the "BoolFlag" variable is True. If it is True, the "Then" branch is executed, which contains a "Write Line" activity with the text "Good Morning". If the "BoolFlag" variable is False, the "Else" branch is executed, which contains a "Write Line" activity with the text "UiPath". Since the "BoolFlag" variable is assigned to True in the previous "Assign" activity, the condition of the "If" activity is satisfied, and the "Then" branch is executed. [Therefore, the "Write Line" activity writes "Good Morning" to the Output panel4.](#)

References: [If](#) and [How to put a if condition in assign activity?](#) from UiPath documentation and forum.

Question: 127

A developer wants to create a process that searches for images on a website and then saves the images in a local folder. However, the website contains an error. As a result, the process may need to search for an image multiple times in order for it to display.

Which container activity should the developer use to search for an image multiple times'?

- A. Attach Browser
- B. On Image Appear
- C. On Element Appear
- D. Retry Scope

Answer: D

Explanation:

The container activity that the developer should use to search for an image multiple times is Retry Scope. The Retry Scope activity is used to retry the execution of a set of activities as long as a condition is not met or an error is thrown. The Retry Scope activity has two sections: Action and Condition. The Action section contains the activities that need to be retried, such as searching for an image on a website. The Condition section contains an activity that returns a Boolean value, such as Image Exists, which checks if the image is displayed on the screen. The Retry Scope activity also has two properties: NumberOfRetries and RetryInterval. The NumberOfRetries property specifies how many times the Action section is retried before throwing an error. [The RetryInterval property specifies how much time passes between each retry1.](#) By using the Retry Scope activity, the developer can handle the error on the website and search for the image multiple times until it is found or the maximum number of retries is reached. References: [Retry Scope](#) from UiPath documentation.

Question: 128

DRAG DROP

A developer wants to invoke a workflow in Main xaml called ProcessPurchaseOrders.xaml. Data needs to be passed to and from the invoked workflow. What is the correct sequence of steps the developer needs to perform?

Instructions: Drag the Description found on the left and drop on the correct Step found on the right.

Description	
Open the ProcessPurchaseOrders.xaml file and create the arguments	
Pass the values of the arguments to/from the variables in the Main.xaml file	Step 2
Create the ProcessPurchaseOrders.xaml file	Step 3
Invoke the ProcessPurchaseOrders.xaml file in the Main.xaml file and click Import Arguments	Step 4

Answer:

Explanation:

The correct sequence of steps the developer needs to perform is:

Step 1 = Create the ProcessPurchaseOrders.xaml file

Step 2 = Open the ProcessPurchaseOrders.xaml file and create the arguments

Step 3 = Invoke the ProcessPurchaseOrders.xaml file in the Main.xaml file and click Import Arguments

Step 4 = Pass the values of the arguments to/from the variables in the Main.xaml file

This sequence will ensure that the developer can create a reusable workflow, invoke it from the main workflow, and pass data between them using arguments.

<https://forum.uipath.com/t/import-arguments-in-invoke-workflow-file/1923>

<https://forum.uipath.com/t/pass-arguments-invoke/132595>

Question: 129

Which action can be performed from UiPath Assistant?

- A. Set reminders for processes
- B. Set text assets for processes
- C. Set credential assets for processes
- D. Set queues for processes

Answer: A

Explanation:

The action that can be performed from UiPath Assistant is setting reminders for processes. UiPath Assistant is a desktop application that allows users to view, manage, and run processes that are published from UiPath Studio or Orchestrator. UiPath Assistant also enables users to set reminders for processes that they want to execute at a specific time or date. Reminders can be added, edited, or deleted from the Reminders widget in UiPath Assistant. [Reminders can also be organized into folders and configured with different options, such as recurrence, priority, or notification2](#). By setting

reminders for processes, users can automate their tasks more efficiently and conveniently. References: [UiPath Assistant](#) and [Reminders](#) from UiPath documentation.

Question: 130

DRAG DROP

A developer finished creating an automation project in UiPath Studio 2021.10. What is the recommended sequence of steps that should be performed to publish the package to Orchestrator 2021.10?

Instructions: Drag the Description found on the left and drop on the correct Step found on the right.

Description	Step Sequence
Select an Orchestrator feed as the "Publish to" location and then click the "Publish" button.	Step 1
Navigate to the Design Ribbon and then click the "Publish" button.	Step 2
Validate that the "Info" dialog box displays and shows the package version number.	Step 3
Add the Release Notes and ensure the version is incremented.	Step 4



Answer:

Explanation:

The recommended sequence of steps that should be performed to publish the package to Orchestrator 2021.10 is:

Step 1 = Navigate to the Design Ribbon and then click the "Publish" button

Step 2 = Select an Orchestrator feed as the "Publish to" location and then click the "Publish" button

Step 3 = Add the Release Notes and ensure the version is incremented

Step 4 = Validate that the "Info" dialog box displays and shows the package version number

This sequence will ensure that the developer can publish the automation project to the Orchestrator feed of their choice, add some notes about the changes made, and verify that the package is successfully published with the correct version number.

<https://docs.uipath.com/orchestrator/standalone/2021.10/user-guide/about-packages>

Question: 131

In the Catches section of the Try Catch activity a developer selected ArgumentException in the exception handler.

i Try Catch

T*y

Throw - NullReferenceExc

Catches

ArgumentException

exception

1= Message Box

Text

Argument Exception"

Add new catch

Finally

9 Write Line

Text Finally block

What happens when the activity encounters a NullPointerException?

- A. The Finally block is not executed and a runtime error occurs.
- B. The Finally block executes and no exception is thrown.
- C. The Catches section catches the exception and the Finally block is executed.
- D. The Catches section catches the exception and the Finally block is skipped.

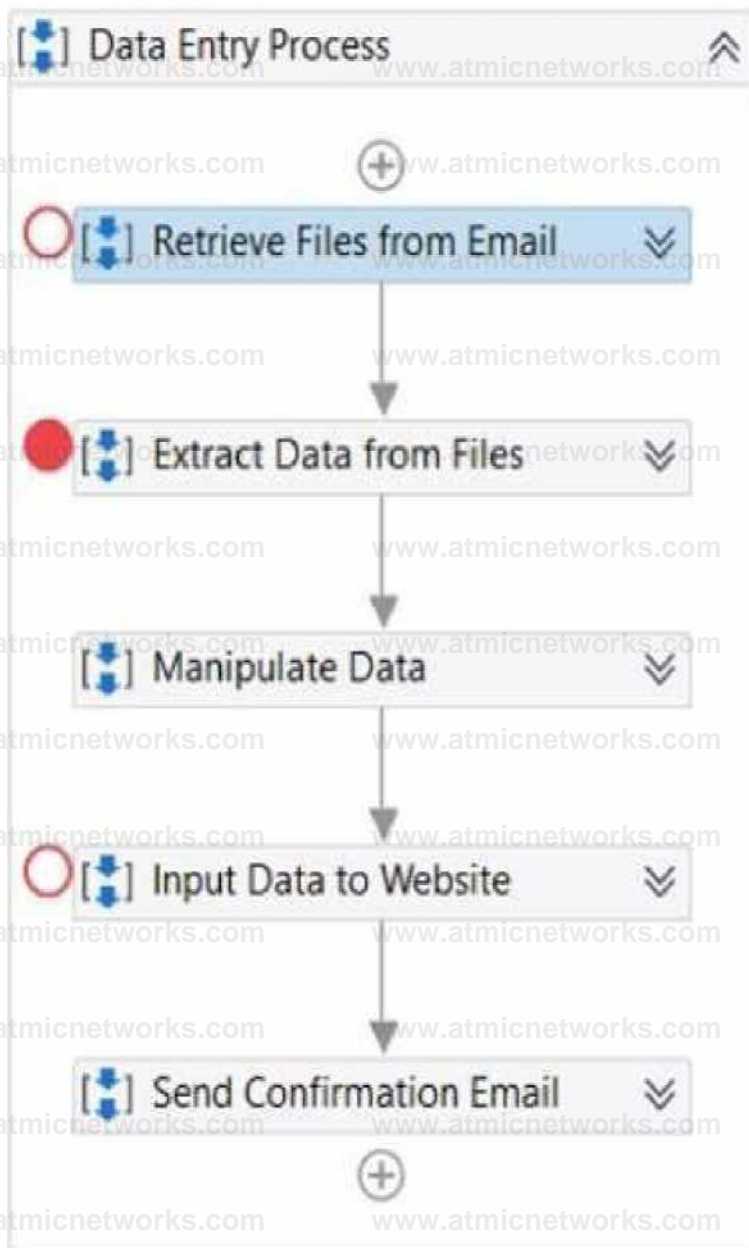
Answer: A

Explanation:

When the activity encounters a NullPointerException, the Finally block is not executed and a runtime error occurs. [This is because the Catches section of the Try Catch activity only handles the ArgumentException type, which is a specific type of exception that occurs when one of the arguments provided to a method is not valid1. A NullPointerException is a different type of exception that occurs when there is an attempt to dereference a null object reference2.](#) Since the Catches section does not have a handler for the NullPointerException type, the exception is not caught and the execution is stopped with a runtime error. [The Finally block, which contains the activities that are always executed regardless of the outcome of the Try Catch activity, is also skipped3.](#) References: [ArgumentException Class](#), [NullPointerException Class](#), and [Try Catch](#) from UiPath documentation.

Question: 132

A developer executes the following workflow in Debug mode with "Continue on Exception " enabled.



How many times will the workflow pause the execution?

- A. 0
- B. 1
- C. 2
- D. 3

Answer: B

Explanation:

The workflow will pause the execution only once when it is executed in Debug mode with "Continue on Exception" enabled. [Debug mode is a mode of execution that allows the developer to test and troubleshoot the workflow by using various debugging tools, such as breakpoints, step actions, and output messages4.](#) "Continue on Exception" is a debugging option that enables the execution to

[continue even if an exception is encountered, without displaying the error message or stopping at the faulty activity](#)⁵. In the workflow, there are two activities that can throw exceptions: the “Throw” activity, which throws a custom exception with the message “This is an exception”, and the “Write Line” activity, which writes the value of the “Var” variable to the Output panel. The “Var” variable is not initialized, so it has a null value by default. When the “Write Line” activity tries to write the null value, it throws a `NullReferenceException`, as explained in the previous question. However, since the “Continue on Exception” option is enabled, the execution does not stop at the “Write Line” activity, but continues to the next activity, which is the “Throw” activity. The “Throw” activity throws the custom exception, which is caught by the “Catch” section of the “Try Catch” activity. The “Catch” section contains a “Log Message” activity, which writes the exception message to the Output panel. The execution then moves to the “Finally” section, which contains a “Write Line” activity with the text “This is the end”. The workflow then ends successfully. The only time the execution pauses is when it reaches the breakpoint that is set at the “Throw” activity. [A breakpoint is a debugging tool that allows the developer to pause the execution at a specific activity and inspect the values of the variables and arguments, as well as the output messages](#)⁶. [The developer can then resume the execution by using the step actions or the continue button](#)⁷. Therefore, the workflow will pause the execution only once at the breakpoint, and not at the exceptions, as they are ignored by the “Continue on Exception” option.

References: [Debugging a Workflow](#), [Debugging Actions](#), [Breakpoints](#), and [Continue on Exception](#) from UiPath documentation.

Question: 133

HOTSPOT

A developer wants to map the arguments that pass data to and from `GenerateUserID.xaml` to the appropriate values in `Main.xaml`. The `dt_Users` datatable variable contains the columns `First Name`, `Last Name`, `Date of Birth` and `Username`.

Instructions: From the Value drop-down lists shown in the following exhibit, select the correct variable that corresponds to each argument.

[J] Sequence

For Each Row in Data Table

Fortech.

In

Current Row

dt_Users

Body

Invoke GenerateUserID workflow

workflow file name

xaml

Import Arguments 2

Open Workflow

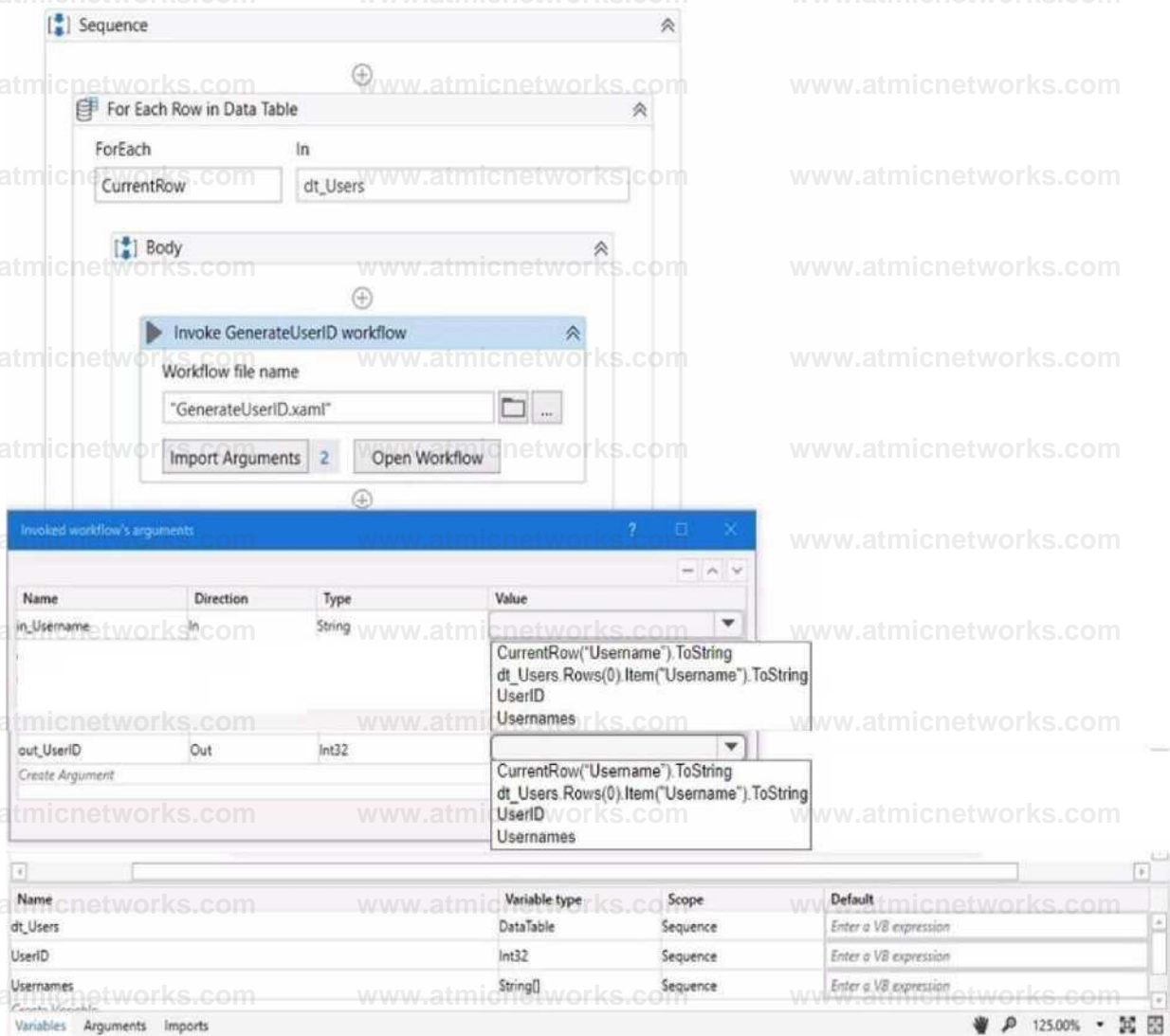
Invoked workflow's arguments

Name	Direction	Type	Value
In_UserName	In	String	
OutIMD	Out	Int32	

Create Argument

Name	Variable type	Scope	Default
dt_Users	DataTable	Sequence	Enter a VB expression
UserID	Int32	Sequence	Enter a VB expression
Usernames	String[]	Sequence	Enter a VB expression

Variables Arguments Imports



Answer:

Explanation:

The values to select from the drop-down lists for the in_Username and Out_UserID arguments are:

in_Username: CurrentRow("Username").ToString

Out_UserID: UserID

These values will ensure that the in_Username argument receives the value of the Username column from the current row of the dt_Users datatable, and the Out_UserID argument returns the value of the UserID variable that is generated by the GenerateUserID.xaml workflow.

Question: 134

Based on best practice, which set of features are used before debugging a workflow in UiPath Studio?

- A. Execution Trail and Picture in Picture
- B. Analyze Project and Validate File
- C. Highlight Elements and Focus
- D. Ignore and Restart

Answer: B

Explanation:

Based on best practice, the set of features that are used before debugging a workflow in UiPath Studio are Analyze Project and Validate File. Analyze Project is a feature that allows the developer to run the Workflow Analyzer on the entire project or a specific workflow file. [The Workflow Analyzer checks the project or the file for potential errors, performance issues, best practices violations, and compliance risks, and generates a report with the analysis results and recommendations](#)¹. Validate File is a feature that allows the developer to check the current workflow file for any syntax or semantic errors, such as missing or invalid activities, arguments, variables, or expressions. [The Validate File feature also displays the error list and the location of the errors in the workflow file](#)². By using these features before debugging, the developer can ensure that the workflow is free of any errors or issues that might affect the execution or the quality of the automation. References: [Analyze Project](#) and [Validate File](#) from UiPath documentation.

Question: 135

Answer:

DRAG DROP

A developer needs to take a screenshot of the state of the machine while the robot is running and then send the screenshot as an email. What is the correct sequence of steps that should be performed?

Instructions: Drag the Description found on the left and drop on the correct Step found on the right.

Description	Step Sequence
Use a Send Outlook Mail Message activity	Step 1
Use a Take Screenshot activity	Step 2
Configure the Attachments property in the mail message activity	Step 3
Use a Save Image activity	Step 4

Explanation:

The correct sequence of steps that should be performed is:

Step 1 = Use a Take Screenshot activity to capture the state of the machine. The output is an Image variable, for example `img_screenshot`.

Step 2 = Use a Save Image activity to save the image to a local file. Supply the FileName (e.g. `screenshot.png`) and the Image property should be the variable created in step 1.

Step 3 = Use a Send Outlook Mail Message activity to compose and send the email. Configure the Attachments property to include the file path of the image saved in step 2 (e.g.

`"C:\Users\username\screenshot.png"`).

Step 4 = Optionally, use a Delete File activity to delete the image file from the local drive after sending the email.

Supply the Path property with the same file path as in step 3.

For more information on how to use these activities in UiPath Studio 2021.10, you can refer to these documents:

[Take Screenshot](#)

[Save Image](#)

[Send Outlook Mail Message](#)

[Delete File](#)

Question: 136

A developer invoked a workflow file with three arguments, one "In": one "Out", and one "In/Out". In the Invoked Workflow's Arguments window, how can the Value be configured for each argument?

A. In: Variable or Hard-coded value

Out: Variable only

In/Out Variable only

B. In: Variable only Out

Variable only

In/Out: Variable only

C. In: Variable or Hard-coded value

Out Variable or Hard-coded value

In/Out Hard-coded value only

D. In: Variable or Hard-coded value

Out' Hard-coded value only

In/Out Variable only

Answer: A

Explanation:

In the Invoked Workflow's Arguments window, the Value can be configured for each argument as follows:

In: Variable or Hard-coded value. An In argument is an argument that passes a value from the parent workflow to the child workflow. [The Value of an In argument can be configured with a variable that holds the value to be passed, or a hard-coded value that is directly entered in the Value field3.](#) For example, if the In argument is Name and the value to be passed is "John", the Value can be configured with a variable that contains "John", such as strName, or a hard-coded value, such as "John".

Out: Variable only. An Out argument is an argument that passes a value from the child workflow to the parent workflow. [The Value of an Out argument can be configured only with a variable that receives the value from the child workflow4.](#) For example, if the Out argument is Result and the value to be passed is the sum of two numbers, the Value can be configured only with a variable that stores the sum, such as intResult.

In/Out: Variable only. An In/Out argument is an argument that passes a value from the parent workflow to the child workflow, and then passes the modified value back to the parent workflow. [The Value of an In/Out argument can be configured only with a variable that holds the initial value and receives the modified value5.](#) For example, if the In/Out argument is Counter and the value to be passed is a number that is incremented by one in the child workflow, the Value can be configured only with a variable that contains the initial number and stores the incremented number, such as intCounter.

References: [Using Arguments](#) and [Arguments](#) from UiPath documentation.

Question: 137

A developer wants to assign the first row of the "ID" column in the "DT" datatable to a String variable. Which expression should be added to the Value field of the Assign activity?

- A. DTRows(0)ID
- B. DTRows(0).Item("ID")
- C. DTColumns(0)ID
- D. DTColumns(0) ("ID")

Answer: B

Explanation:

To assign the first row of the "ID" column in the "DT" datatable to a String variable, the expression that should be added to the Value field of the Assign activity is:

`DT.Rows(0).Item("ID")`

This expression accesses the value of the "ID" column in the first row of the "DT" datatable using the Rows and Item properties. The Rows property returns a collection of DataRow objects that represent the rows in the datatable. [The Item property returns or sets the value of the specified column in the DataRow object1.](#) The expression uses the index 0 to refer to the first row in the Rows collection, and the column name "ID" to refer to the specific column in the Item property. [The expression returns the value of the "ID" column in the first row as an Object type, which can be converted to a String type using the ToString method2.](#) For example, if the "DT" datatable has the following values:

ID	Name
1	John
2	Mary
3	Bob

Then the expression `DT.Rows(0).Item("ID")` will return 1 as the value of the "ID" column in the first row.

References: [DataTable.Rows Property](#) and [DataRow.Item Property](#) from UiPath documentation.

Question: 138

DRAG DROP

A developer loaded an existing workflow that uses UI Automation in Google Chrome. The Google

Chrome extension has not been installed on the developer's machine How should the developer load the Google Chrome extension from UiPath Studio?

Instructions: Drag the Description found on the left and drop on the correct Step found on the right.

Description

Click, "Tools" to see "UiPath Extensions"

Navigate to "Home"

Click, "Enable extension" in the Google Chrome confirmation pop-up.

Select "Chrome" and then click, "Install"

Step Sequence

Step 1

Step 2

Step 3

Step 4

Four empty rectangular boxes with dashed borders, arranged vertically, intended for placing descriptions into a step sequence.

Answer:

Explanation:

The developer can load the Google Chrome extension from UiPath Studio by following these steps: Step 1 = Navigate to Home in UiPath Studio. This is the section where you can create, open, or manage your projects. Step 2 = Click Tools to see UiPath Extensions. This is the section where you can install or update various extensions for different applications or browsers. Step 3 = Select Chrome and then click Install. This will launch the Chrome browser and redirect you to the Chrome Web Store page for the UiPath extension. Step 4 = Click Enable extension in the Google Chrome confirmation pop-up. This will add the UiPath extension to your browser and allow you to use UI automation activities in Chrome.

Question: 139

HOTSPOT

A developer is using a Type into activity to enter details into a web form The developer notices that the selector for the text field is unreliable. The selector that is shown in the exhibit currently targets both a text label and a text field at runtime Only one additional Property needs to be clicked to ensure the selector targets only the First Name text field at runtime.

Instructions: Click the additional Property checkbox in the following UI Explorer "Unselected Items" column that should be used for the First Name text field.

Website

RPA Challenge

Email <input type="text"/>	Role in Company <input type="text"/>
Company Name <input type="text"/>	First Name <input type="text"/>
Last Name <input type="text"/>	Phone Number <input type="text"/>
Address <input type="text"/>	
<input type="submit" value="SUBMIT"/>	

UI Explorer

Selector Editor

- class=ng-untouched ng...
- css-selector=body>app-root>...
- id=...
- isleaf=1
- name=choXw
- parentclass=ng-untouched ng...
- tag=INPUT
- title=Rpa Challenge

```

<html app='msedge.exe' title='Rpa Challenge' />
<webctrl aaname='First Name' tag='LABEL' />
<nav up='1' />
<webctrl class='ng-untouched ng-pristine ng-invalid' parentclass='ng-untouched ng-pristine ng-invalid' />

```

Answer:

Explanation:

To ensure the selector targets only the First Name text field at runtime, you need to click the additional Property checkbox for ID in the UI Explorer Unselected Items column. This will add the ID attribute to the selector, which is a unique identifier for the text field element. The ID attribute has the value "firstname" for the First Name text field, as shown in the image. This will make the selector more reliable and specific, and avoid targeting the text label or other elements with the same class or tag.

<https://docs.uipath.com/de/studio/standalone/2021.10/user-guide/uipath-explorer>

Question: 140

A developer wants to extract hidden text from a pdf file. Which output method(s) should be used?

- A. FullText and Native
- B. Native only
- C. OCR
- D. FullText only

Answer: D

Explanation:

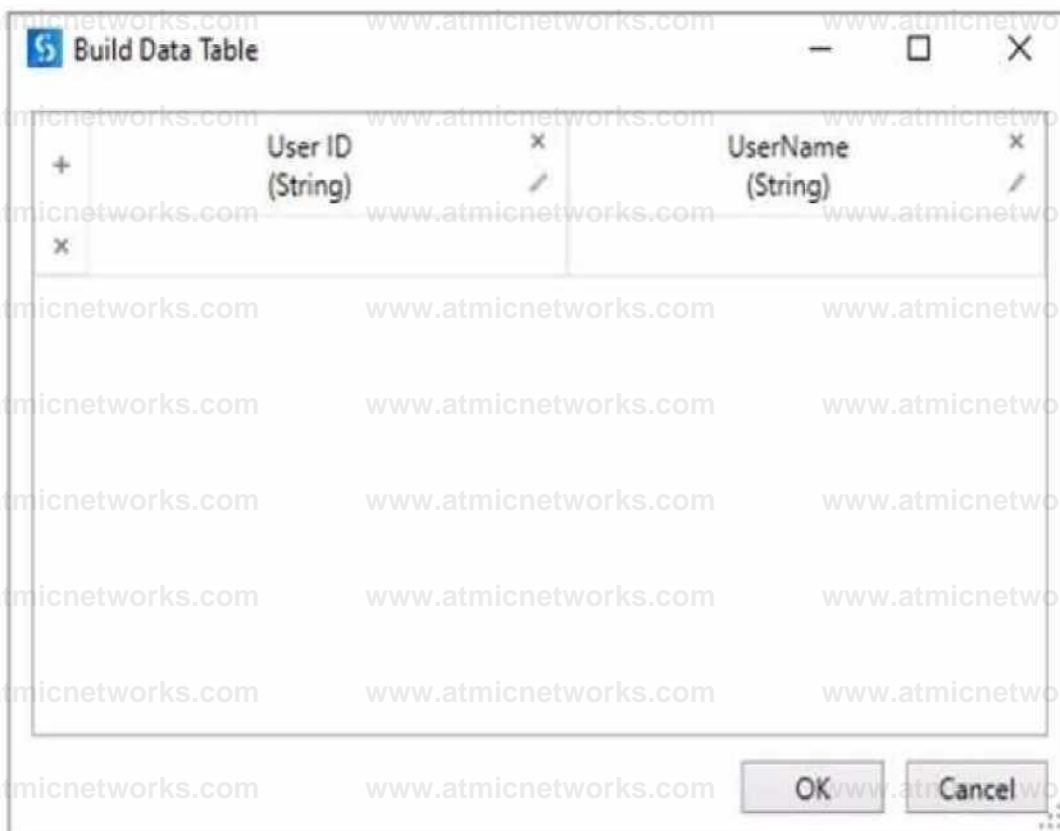
To extract hidden text from a pdf file, the output method that should be used is FullText only. [The](#)

[FullText output method](#) is one of the options available in the Read PDF Text activity, which reads all the characters from a specified pdf file and stores them in a string variable³. The FullText output method extracts the text from the pdf file as it is, without keeping the formatting or the position of the text. [The FullText output method can also extract the hidden text from the pdf file, which is the text that is not visible on the screen, but can be copied and pasted into another application](#)⁴. For example, the hidden text can be the metadata, comments, or annotations of the pdf file. The FullText output method is suitable for extracting hidden text from a pdf file, as it does not depend on the visibility or the layout of the text. The other output methods, such as Native or OCR, are not suitable for extracting hidden text from a pdf file, as they rely on the appearance or the position of the text on the screen. [The Native output method preserves the formatting and the position of the text, but it cannot extract the text that is not visible or selectable](#)⁵. [The OCR output method converts the text from the pdf file into an image and then extracts the text from the image, but it cannot extract the text that is not displayed or recognized by the OCR engine](#)⁶.

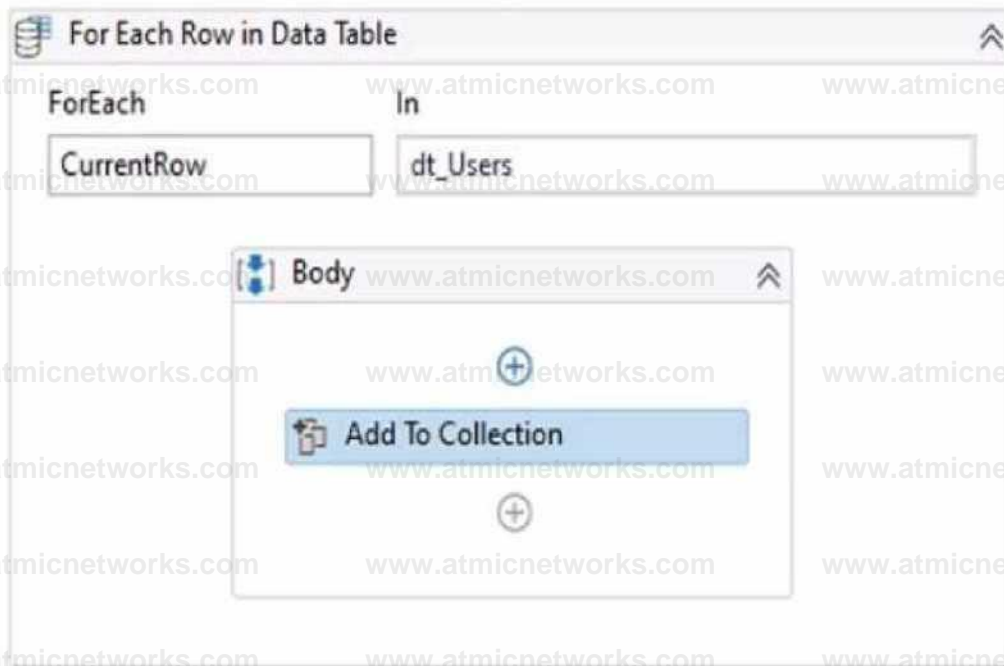
References: [Read PDF Text](#), [Extracting Hidden Text from PDF](#), [Native](#), and [OCR](#) from UiPath documentation and forum.

Question: 141

A developer created a datatable, dt_Users as shown in the following exhibit.



After populating the datatable variable, the developer wants to assign each User ID in dt_Users to a List<String> variable Users_List. To achieve this, the developer plans to use an Add To Collection activity inside a For Each Row activity.



How should the Item property of the Add To Collection activity be configured?

- A. CurrentRow(0)ToString
- B. CurrentRow(1) ToString
- C. dtUsers(0) ToString
- D. dt_Users(1) ToString

Answer: A

Explanation:

To assign each User ID in dt_Users to a List<String> variable Users_List, the Item property of the Add To Collection activity should be configured as:

CurrentRow(0).ToString

This expression accesses the value of the first column (index 0) in the current row of the dt_Users datatable using the CurrentRow variable. The CurrentRow variable is a DataRow object that represents the row that is being iterated in the For Each Row activity. The expression uses the ToString method to convert the value of the User ID column to a string type. [The expression returns the User ID value as a string, which is then added to the Users_List variable by the Add To Collection activity](#)¹. For example, if the dt_Users datatable has the following values:

User ID	Name
101	John
102	Mary
103	Bob

Then the expression CurrentRow(0).ToString will return 101, 102, and 103 as the User ID values in each iteration of the For Each Row activity, and these values will be added to the Users_List variable. References: [Add To Collection](#) and [For Each Row](#) from UiPath documentation.

Question: 142

A developer created an automation which scrapes data from PDF reports. The reports have the same structure and the title format is always "Report X - PDF" where X is a number from 1 to 100. Only one report will be open at a time but other PDF files may be open on the desktop.

What is the recommended method to ensure the selector identifies the correct PDF to use?

- A. Use the * wildcard character in place of the idx attribute value
- B. Use the idx attribute value in the selector to increment for each file
- C. Use the * wildcard character in place of the title attribute value
- D. Use the * wildcard character in place of the "X" in the title attribute value

Answer: D

Explanation:

The recommended method to ensure the selector identifies the correct PDF to use is to use the * wildcard character in place of the "X" in the title attribute value. The * wildcard character is a symbol that can replace zero or more characters in a string. [It can be used to handle dynamic elements in a selector, such as the title of a PDF file that changes for each report2](#). For example, if the selector for the PDF file is:

```
<html title='Report X - PDF' />
```

Then the selector can be modified as:

```
<html title='Report * - PDF' />
```

This selector will match any PDF file that has a title starting with "Report" and ending with "PDF", regardless of the number in between. This way, the selector can identify the correct PDF file to use, even if other PDF files are open on the desktop, as long as only one report is open at a time. References: [Selectors with Wildcards](#) and [Wildcards in selector](#) from UiPath documentation and forum.

Question: 143

A developer needs to create an array of folder names from the String variable. FilePath = "C:\\Users\\UiPathRobot\\Documents\\Technologies". Based on best practice, which method will return an array of only the folder names?

- A. Split(FilePath/V)
- B. Spht(FilePath,"\\": StnngSplitOptions.RemoveEmptyEntries)
- C. SplitV, FilePath. StringSplitOptions RemoveEmptyEntries)
- D. SplitV', FilePath)

Answer: B

Explanation:

To create an array of folder names from the String variable FilePath, the method that will return an array of only the folder names is:

`Split(FilePath,"").StringSplitOptions.RemoveEmptyEntries`

This method uses the `String.Split` method, which returns an array of strings that are separated by a specified delimiter. The delimiter in this case is the backslash character ("`\`") which is used to separate the folder names in the file path. [The `StringSplitOptions.RemoveEmptyEntries` option is used to remove any empty entries from the resulting array, such as the one before the first backslash or after the last backslash1](#). For example, if the `FilePath` variable has the value:

```
FilePath = "C:\Users\UiPathRobot\Documents\Technologies"
```

Then the method `Split(FilePath,"").StringSplitOptions.RemoveEmptyEntries` will return an array of four strings: `{"C", "Users", "UiPathRobot", "Documents", "Technologies"}`

These are the folder names in the file path, without any empty entries.

References: [String.Split Method](#) from UiPath documentation.

Question: 144

Which two parts are included in an Anchor Base activity?

- A. Anchor and Action
- B. Anchor and Condition
- C. Anchor and Trigger Scope
- D. Anchor and Sequence

Answer: A

Explanation:

The two parts that are included in an Anchor Base activity are Anchor and Action. The Anchor Base activity is a container that searches for a UI element by using other UI elements as anchors. This should be used when a reliable selector is not available. The Anchor Base activity has two sections: Anchor and Action. The Anchor section contains an activity that identifies the anchor element, such as Find Element or Find Image. The Action section contains an activity that performs an action on the target element, such as Click or Type Into. [The Anchor Base activity also has a property called `AnchorPosition`, which specifies the relative position of the target element to the anchor element, such as left, right, top, or bottom2. For example, if the Anchor Base activity is used to click on a button that is always to the right of a label, the Anchor section can use the Find Element activity to find the label, the Action section can use the Click activity to click on the button, and the `AnchorPosition` property can be set to Right3.](#)

References: [Anchor Base](#) and [How to properly use AnchorBase activity?](#) from UiPath documentation and forum.

Question: 145

A developer has extracted the date "08-22-2022" from an invoice and stored it in a variable of type String called `ExtractedDate`. As part of the process, the developer needs to perform a comparison with a different date.

Which expression should be used to convert `ExtractedDate` to a `DateTime` type?

- A. `ExtractedDate.Equals("08-22-2022")`

- B. DateTime.Parse(ExtractedDate)
- C. DateTime.Compare(ExtractedDate:08-22-2022")
- D. ExtractedDate.GetType

Answer: B

Explanation:

To convert ExtractedDate to a DateTime type, the expression that should be used is:

`DateTime.Parse(ExtractedDate)`

This expression uses the DateTime.Parse method, which converts a string representation of a date and time to its DateTime equivalent. The DateTime.Parse method can accept different formats of date and time strings, as long as they are supported by the current culture or a specified culture. [The DateTime.Parse method returns a DateTime object that represents the date and time value of the string1.](#) For example, if the ExtractedDate variable has the value: `ExtractedDate = "08-22-2022"`

Then the expression `DateTime.Parse(ExtractedDate)` will return a DateTime object with the value: `[08/22/2022 12:00:00 AM]`

[This DateTime object can then be used to perform a comparison with a different date, such as using the DateTime.Compare method or the comparison operators2.](#)

References: [DateTime.Parse Method](#) and [How to compare dates in UiPath?](#) from UiPath documentation and forum.

Question: 146

HOTSPOT

A developer created three variables used in the workflow shown below:

[J] Voter Registration

Read Range - Entire spreadsheet Names & BDays A

NamesBirthdays.xlsx D

personalInformation

Q Add Data Column - Eligible A

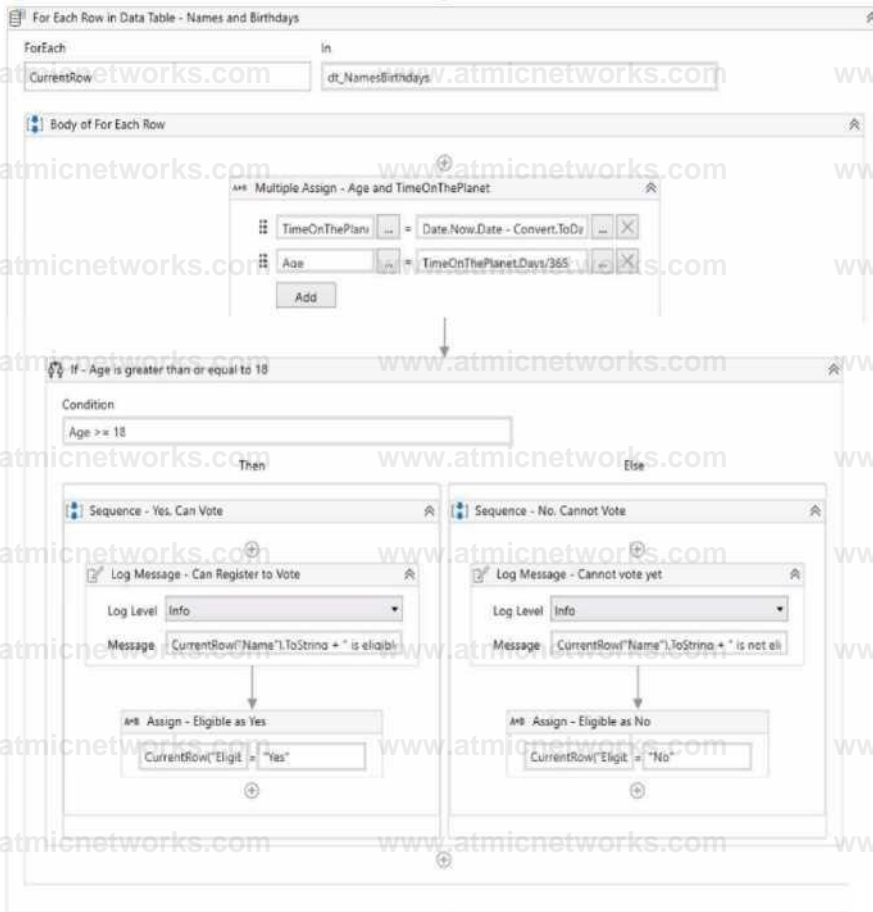
Column

A DataColumn object that is to be amended to the ...

ColumnName 'Eligible' 3

DataTable dt NamesBirthdays 11

[J] Determine Age and Eligibility to Vote



^ Filter Data Table - By Eligible Voters

DataTable
dt_NamesBirthdays
Configure Filter
Filtered DataTable
dt_NamesBirthdays

5 Write Range - Eligible Voters to Register

"VotersNeedToBeRegistered" <input type="checkbox"/>
#ovwjR 2E_
dt_NsIWBirthdays

Instructions: Based on best practices, select the correct Scope for each Variable type from the dropdown lists shown in the following exhibit.

Name	Variable type	Scope	Default
Age	Double	Body of For Each Row	Enter a VB expression
TimeOnThePlanet	TimeSpan	Sequence - Yes, Can Vote	Enter a VB expression
dt_NamesBirthdays	DataTable	Voter Registration	New System.Data.DataTable

Answer:

Explanation:

Name = Age Variable type = Double Scope = Body of For Each Row

Name = TimeonThePlanet Variable type = Time Span Scope = Sequence - Yes, Can Vote

Name = dt_NamesBirthdays Variable type = DataTable Scope = Voter Registration

The reason for choosing these scopes is to keep the variables in the innermost scope where they are used and to avoid unnecessary clutter and duplication in the Variables panel. You can learn more about variable scope in

UiPath from the following sources:

[Variable scope - Studio - UiPath Community Forum](#)

[How Variable Scope Works in UiPath - Video Tutorials - UiPath Community Forum](#)

[How to pass variables as UiPath arguments example - TheServerSide](#)

[Best Practices: Select Variables scope - UiPath Community Forum](#)

Question: 147

A developer is automating an invoice process for the finance department using a Dispatcher and Performer model with access to Orchestrator. New invoices are stored in a shared folder each morning Each invoice needs to be processed separately in the finance system as a single unit of work After each invoice is processed in the finance system, a unique output ID must be emailed to the finance team's email address.

How should the developer store the relevant data in Orchestrator?

- A. Upload individual invoice data and the finance team's email address as Specific Data in Queue Items
- B. Upload the finance team's email address as Specific Data in Queue Items Create an asset for each individual invoice data field
- C. Create an asset for each piece of invoice data as well as for the finance team's email address
- D. Upload individual invoice data as Specific Data in Queue Items Create an asset for the finance team's email address

Answer: D

Explanation:

The developer should store the relevant data in Orchestrator as follows:

Upload individual invoice data as Specific Data in Queue Items. The Specific Data is a collection of key-value pairs

that can store additional information for each queue item, such as the invoice number, date, amount, etc. The Specific Data can be added to the queue items using the Add Queue Item activity in the Dispatcher workflow. The Specific Data can be retrieved from the queue items using the Get Transaction Item activity in the Performer workflow. [The Specific Data can be used to process each invoice separately in the finance system as a single unit of work](#)³.

Create an asset for the finance team's email address. An asset is a global variable that can store a specific value, such as a text, a number, a boolean, or a credential. An asset can be created and managed in Orchestrator, and accessed by the robots using the Get Asset activity. An asset can be used to store a value that is common for all the queue items, such as the finance team's email address. [The asset can be used to email the unique output ID to the finance team after each invoice is processed in the finance system](#)⁴.

References: [About Queues and Transactions](#) and [About Assets](#) from UiPath documentation.

Question: 148

A user reported unexpected behavior from a process that is in Production. After reviewing the process, a developer noticed that one of the Queue Items that was processed has a status of "Abandoned" in UiPath Orchestrator.

When is a Queue Item moved to an "Abandoned" status in UiPath Orchestrator?

- A. When the item has been manually selected from the Transactions page and marked as "Deleted"
- B. When the item was "In Progress" but the transaction status was never set to "Successful" or "Failed"
- C. When the item did not meet a business or application requirement within the project.
- D. When the item was processed with the Get Transaction Item activity

Answer: B

Explanation:

A Queue Item is moved to an "Abandoned" status in UiPath Orchestrator when the item was "In Progress" but the transaction status was never set to "Successful" or "Failed". This can happen when the item remained in the "In Progress" status for a long period of time (approx. [24 hours](#)) [without being processed, or when the Robot that was processing the item encountered an error or was stopped](#)¹. The "Abandoned" status indicates that the item was not completed and needs to be retried or deleted. [The item can be retried manually from the Transactions page in Orchestrator, or programmatically using the API](#)². [The item can also be deleted manually from the Transactions page, or automatically using the Auto Delete option in the Queue settings](#)³. References: [Queue Item Statuses](#), [Changing the abandon status of Queue Transaction](#), and [About Queues and Transactions](#) from UiPath documentation and forum.

Question: 149

Which argument name follows UiPath best practices for argument naming conventions?

- A. ioUpdatedsum
- B. in_argument1
- C. dt_outputovvs
- D. out_ConfirmationNumber

Answer: D

Explanation:

The argument name that follows UiPath best practices for argument naming conventions is out_ConfirmationNumber. According to the UiPath best practices, the argument name should be meaningful and include an indication of its type and direction. The type can be inferred from the argument's data type, such as String, Int32, DataTable, etc. The direction can be one of the following: in, out, or io. The in direction means that the argument can only be used within the given project. The out direction means that the argument can be used to pass data outside of a given project. [The io direction means that the argument can be used both within and outside of a given project](#)⁴. [The argument name should also follow the camel case convention, which specifies that each word in the middle of the argument name begins with a capital letter, with no intervening spaces or punctuation](#)⁵. For example, the argument name out_ConfirmationNumber follows these best practices, as it indicates that the argument is of out direction, and that it stores a confirmation number value. The other argument names do not follow the best practices, as they either use incorrect or inconsistent prefixes, or do not use camel case convention. References: [ST-NMG-002 - Arguments Naming Convention](#) and [Variables, arguments and workflows naming - best practice](#) from UiPath documentation and forum.

Question: 150

A developer indicated a UI element for a Get Text activity. The automatically-generated selector is shown below.

```
<html app=, chrome.exe, title='temperature now1' />  
<webctrl tag='table' class=, ui_side_menu' innertext='19°C 66°F' />
```

Based on best practices, which selector attribute is unreliable?

- A. tag
- B. class
- C. title
- D. innertext

Answer: D

Explanation:

Based on best practices, the selector attribute that is unreliable is innertext. The innertext attribute is the text content of a UI element, such as a table, a button, or a label. The innertext attribute is unreliable because it can change dynamically depending on the data or the state of the UI element. For example, the innertext attribute of a table can change when the table is updated with new values, or the innertext attribute of a button can change when the button is clicked or disabled. [Using the innertext attribute in a selector can cause the selector to fail or to identify the wrong UI element if the text content is different from the expected value](#)¹. Therefore, the innertext attribute should be avoided or replaced with a more reliable attribute, such as tag, class, or title. The tag attribute

is the name of the HTML element, such as table, button, or input. The tag attribute is reliable because it does not change unless the UI element is replaced with a different element. The class attribute is the name of the CSS class that defines the style or the behavior of the UI element, such as ui_side_menu, btn-primary, or form-control. The class attribute is reliable because it does not change unless the UI element is styled or modified differently. The title attribute is the text that appears when the mouse pointer is hovered over the UI element, such as temperature now, submit, or username. [The title attribute is reliable because it does not change unless the UI element is renamed or removed2.](#)

References: [Selectors with Wildcards](#) and [UiPath Selectors](#) from UiPath documentation and forum.

Question: 151

Based on best practices, how can the integer value, MyInteger be displayed inside a Log Message activity?

- A. "The value is MyIntegerToString"
- B. "The value is" = MyInteger
- C. "The value is " + MyInteger
- D. "The value is" + MyIntegerToString

Answer: D

Explanation:

To display the integer value, MyInteger, inside a Log Message activity, the expression that should be used is: "The value is" + MyInteger.ToString

This expression uses the string concatenation operator (+) to combine the string literal "The value is" with the string representation of the MyInteger variable. The MyInteger variable is an integer type, which cannot be directly concatenated with a string type. [Therefore, the ToString method is used to convert the MyInteger variable to a string type3.](#) For example, if the MyInteger variable has the value 42, then the expression "The value is" + MyInteger.ToString will return the string "The value is 42".

The Log Message activity writes the specified message to the Output panel, the log files, and the Orchestrator logs. [The Log Message activity has a property called Message, which is the text to be logged4.](#) The expression can be entered in the Message property of the Log Message activity to display the integer value.

References: [String Concatenation](#), [Int32.ToString Method](#), and [Log Message](#) from UiPath documentation.

Question: 152

In the Output property of all Get Mail activities, what is the supported variable type?

- A. String
- B. List<String>
- C. MailMessage
- D. List<MailMessage>

Answer: D

Explanation:

In the Output property of all Get Mail activities, the supported variable type is List<MailMessage>. The Output property is the property that stores the result of the activity in a variable. The Get Mail activities are the activities that retrieve email messages from various mail servers, such as POP3, IMAP, Outlook, or Exchange. The result of the Get Mail activities is a collection of email messages that match the specified criteria, such as the mail folder, the filter, or the top count. The collection of email messages is represented by the List<MailMessage> type, which is a generic list that contains MailMessage objects. [A MailMessage object is a class that represents an email message, with properties such as Subject, Body, Attachments, From, To, etc1.](#) For example, if the Get Mail activity is used to retrieve the email messages from the Inbox folder of an Outlook account, the Output property can be configured with a variable of type List<MailMessage>, such as mailList. [The mailList variable will store the email messages as a list of MailMessage objects, which can then be accessed or manipulated using other activities, such as For Each, Save Attachments, or Send Mail2.](#)

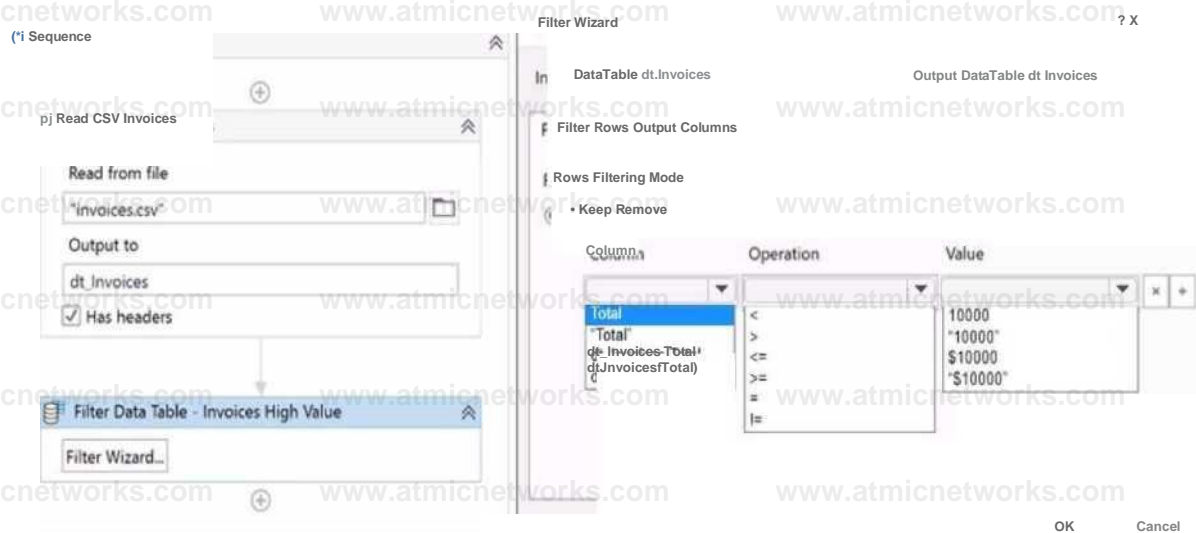
References: [MailMessage Class](#) and [Get Outlook Mail Messages](#) from UiPath documentation

Question: 153

HOTSPOT

A developer is building a process which reads invoice data from the "mvoices.csv" file that includes a **Total** column of type Double.

Instructions: Using the drop-down lists shown in the following exhibit, configure the Filter Data Table Wizard to keep all invoices with a Total value that is over 10 000 USD.



Answer

Explanation:

To configure the Filter Data Table Wizard to keep all invoices with a Total value that is over 10 000 USD, you should choose the following options from the drop-down lists:

Column: Total Operation: > Value: 10000

The reason for choosing these options is to filter the data table based on the condition that the Total column value is greater than 10000. This will keep only the rows that satisfy this condition and remove the rest. You can learn more about the Filter Data Table activity and how to use it from the following sources:

[Four Ways to Filter Data Tables in UiPath Studio | UiPath](#)

[How to Filter Data Table - Help - UiPath Community Forum](#)

[Filter Data table with specific column - UiPath Community Forum](#)

Question: 154

A developer downloads a published package from UiPath Orchestrator 2021.10 to use locally. What is the extension of the downloaded package?

- A. .csproj
- B. .dll
- C. .nupkg
- D. .zip

Answer: C

Explanation:

The extension of the downloaded package from UiPath Orchestrator 2021.10 to use locally is .nupkg. A package is a file that contains the workflows and the dependencies of a project that is ready to be executed by a robot. A package can be created and published from UiPath Studio, or uploaded manually to UiPath Orchestrator. A package can also be downloaded from UiPath Orchestrator to use locally, such as for debugging or testing purposes. The extension of the package file is .nupkg, which is the standard extension for NuGet packages. [NuGet is a package manager that is used to manage the dependencies of a project, such as libraries, frameworks, or components3. A .nupkg file is](#)

[essentially a ZIP archive that contains the files and metadata of the package4.](#) For example, if a package named Process1 is downloaded from UiPath Orchestrator, the file name and extension will be Process1.nupkg. [The .nupkg](#)

[file can be opened or extracted using a ZIP utility, such as 7-Zip or WinZip, or renamed to .zip and extracted using Windows Explorer5.](#)

Question: 155

A developer created a process that performs the following tasks

1. Prompts the user for an input company name
2. Opens a browser and searches for the company name
3. Scrapes the search results
4. Writes the results to a Microsoft Excel file

What is the total number of steps that require human interaction?

- A. One
- B. Two
- C. Three
- D. Four

Answer: A

Explanation:

The only step that requires human interaction is the first one, where the user is prompted for an input company name. The rest of the steps are performed by the automation process without any human intervention.

Question: 156

A developer stored a UiPath Studio project remotely in GIT. Which feature allows the developer to view the project on their local machine?

- A. Clone Repository
- B. Copy to GIT
- C. Disconnect
- D. GIT Init

Answer: A

Explanation:

The Clone Repository feature allows the developer to copy a remote GIT repository to a local working directory. This way, the developer can view and edit the project on their local machine. The Copy to

GIT feature allows the developer to copy the current project to an existing GIT repository. The Disconnect feature allows the developer to disconnect the current project from the GIT repository. The GIT Init feature allows the developer to add the current project to a local GIT repository. References: [Managing Projects with GIT](#)

Question: 157

You want to identify a selector in a Type into activity that will be used for a text input field within an application. In order for the Type into activity to execute as expected, how many elements in an application can a selector be valid for at runtime?

- A. 1 element
- B. 2 elements
- C. 3 elements
- D. 5 elements

Answer: A

Explanation:

A selector is a string of characters (XML fragment) that identifies a UI element uniquely within the UI hierarchy. A selector must be valid for only one element in an application, otherwise the Type into activity will not be able to find the correct target for typing the text. If a selector is valid for more than one element, it is considered ambiguous and unreliable. Therefore, the answer is A. 1 element. References: [Selectors](#), [Type Into](#)

Question: 158

In which situation will a UI Automation activity generate a partial selector?

- A. When included after a Find Element activity
- B. When included in an Attach Browser activity
- C. When included in an Excel Application Scope activity
- D. When included in a Trigger Scope activity

Answer: B

Explanation:

A partial selector is a selector that does not contain the information about the top-level window. A partial selector is usually generated when a UI Automation activity is included in a container activity, such as Attach Browser or Attach Window, that has a full selector of the outer window. This way, the UI Automation activity can use the partial selector relative to the container, instead of the full

selector from the root. Therefore, the answer is B. When included in an Attach Browser activity. References: [Full Versus Partial Selectors](#), [Attach Browser](#)

Question: 159

If you are inserting activities into a Sequence in UiPath Studio, in which panel do the activities appear?

- A. Snippets B. Designer C. Imports D. Outline

Answer: B

Explanation:

The Designer panel is the central panel in UiPath Studio, where you can design your automation workflows by dragging and dropping activities. When you insert activities into a Sequence, they appear in the Designer panel as a linear representation that flows from top to bottom. The Snippets panel contains ready-made workflows that you can reuse in your projects. The Imports panel allows you to import namespaces and libraries that you can use in your workflows. The Outline panel shows the hierarchical structure of your project and its components.

References: [The User Interface](#), [Sequences](#)

Question: 160

A developer has declared a variable of type String named StrVar and assigned it the value "UIPATH STUDIO". What is the output of the expression, StrVar.IndexOf("U")?

- A. 0
B. 1
C. 9
D. 10

Answer: A

Explanation:

The IndexOf method of String values returns the index of the first occurrence of a specified character or substring in a given string. The index is zero-based, meaning that the first character has the index 0, the second character has the index 1, and so on. If the character or substring is not found, the method returns -1. In this case, the expression StrVar.IndexOf("U") returns the index of the first

occurrence of the character "U" in the string "UIPATH STUDIO", which is 0. Therefore, the answer is

- A. 0. References: [String.IndexOf Method](#), [String Variables](#)

Question: 161

A developer is building a robot to validate that the birth date is in the correct format within the submitted forms. Which method or activity is best-suited to validate the format?

- A. String Method: Contains
- B. Activity Replace
- C. String Method: Equals
- D. Activity. Is Match

Answer: D

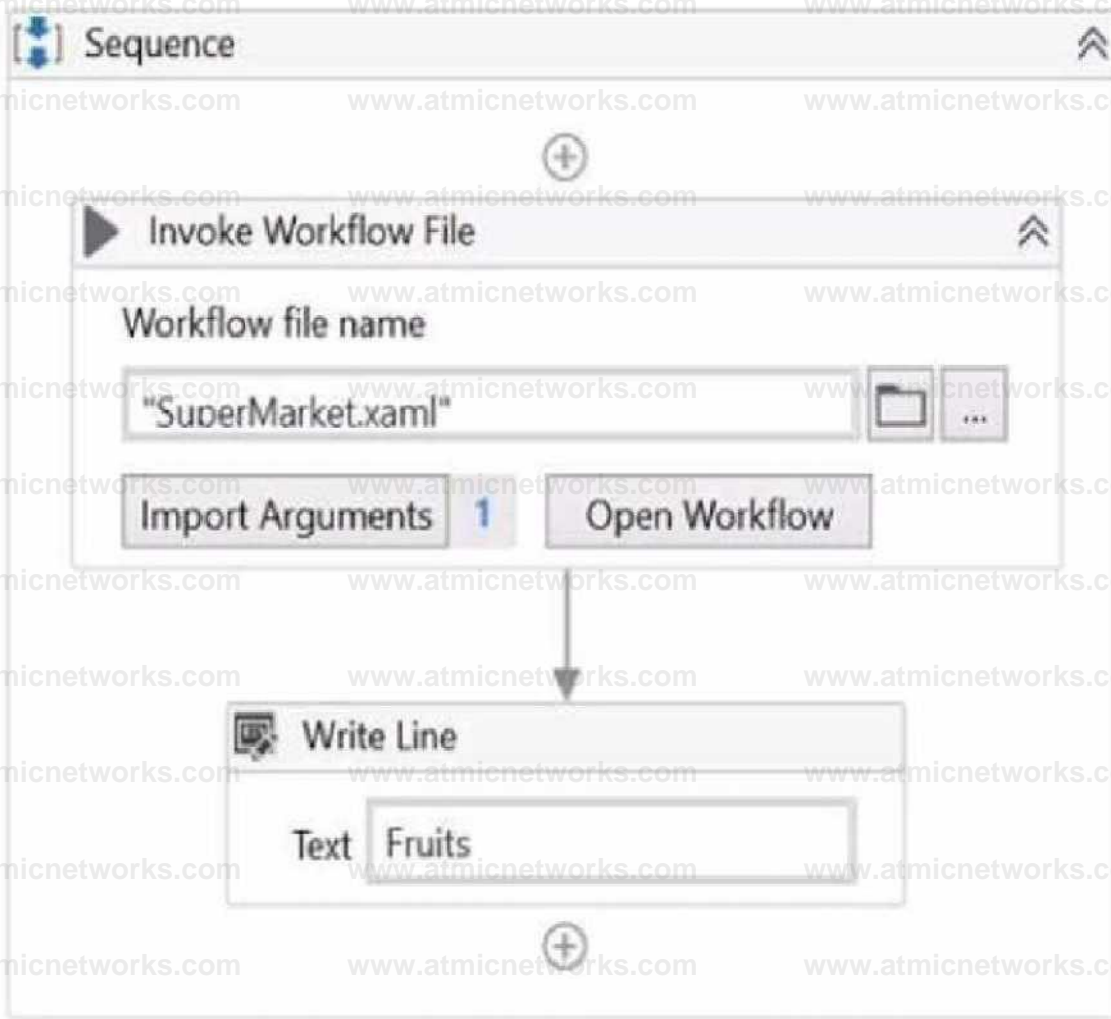
Explanation:

The Is Match activity is used to check if a string matches a given regular expression pattern. The regular expression pattern can be used to validate the format of a string, such as a date. In this case, the developer wants to validate that the birth date is in the correct format, which is dd-MM-yyyy. The regular expression pattern for this format is “\d{2}-\d{2}-\d{4}”, which means two digits, followed by a hyphen, followed by two digits, followed by a hyphen, followed by four digits. The Is Match activity will return True if the input string matches this pattern, and False otherwise.

Therefore, the answer is D. Activity. Is Match. References: [Is Match](#), [Regular Expressions](#)

Question: 162

A developer has created an automation process that includes:



2. Variables in the Variable panel in the Main.xml file:

Name	Variable type	Scope	Default
Fruits	String	Sequence	"Apple"

Create Variable

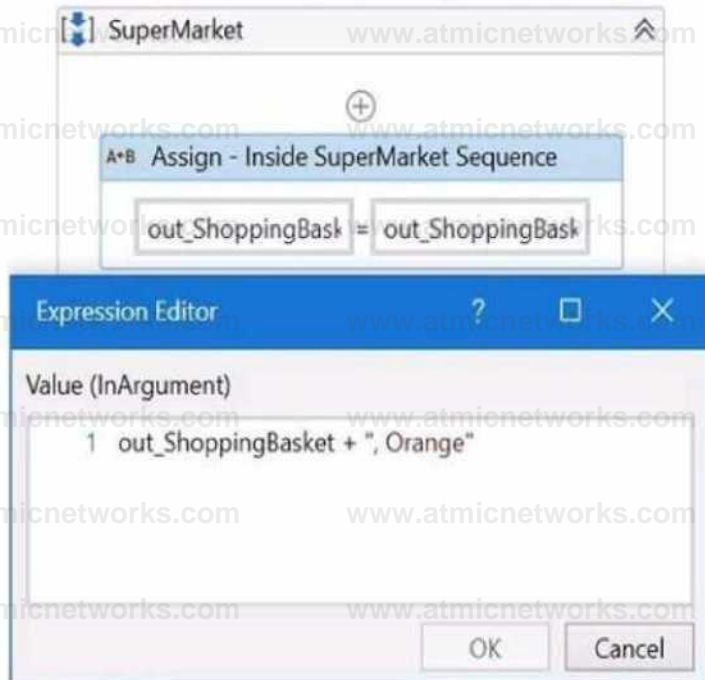
3. Main.xml file invokes the SuperMarket workflow using the following argument:

Name	Direction	Type	Value
out_ShoppingBasket	Out	String	Fruits

Create Argument

OK Cancel

4. Detailed SuperMarket sequence and right-hand side expression shown below:



Based on the information shown in the exhibits, what is the output of the Write Line activity in the Main xaml file?

- A. Apple
- B. Orange
- C. Apple Orange
- D. Orange Apple

Answer: B

Explanation:

The Write Line activity is used to write a specified text to the Output panel. The text can be a string literal, a variable, or an expression. In this case, the Write Line activity in the Main xaml file has the text "out_ShoppingBasket + ", "Orange"". The out_ShoppingBasket is a variable of type String, which is declared in the Main xaml file and has the default value of "Apple". The variable is passed as an argument to the SuperMarket xaml file, where it is assigned a new value of "Orange". The argument direction is Out, which means that the value of the argument is passed back to the Main xaml file after the execution of the SuperMarket xaml file. Therefore, the value of the out_ShoppingBasket variable in the Main xaml file is changed from "Apple" to "Orange". The expression "out_ShoppingBasket + ", "Orange"" concatenates the value of the out_ShoppingBasket variable with a comma and a space, followed by the string literal "Orange". The result of this expression is "Orange, Orange". The Write Line activity writes this text to the Output panel. Therefore, the answer is B. Orange. References: [Write Line](#), [Variables](#), [Arguments](#)

Question: 163

A developer wants to create a process using a Flow Switch activity. What is a feature of this activity?

- A. Supports up to three expressions by default
- B. Two Default cases can be defined
- C. Default case is executed before the expression is evaluated

D. Default case is executed if no cases match the expression

Answer: D

Explanation:

The Flow Switch activity is a conditional node that provides branching for the flow of control based on a match criterion when more than two alternative branches are required. The Flow Switch activity has an Expression property that can be of any type, and a dictionary of Cases that consists of pairs of keys and activities. The Flow Switch activity evaluates the Expression and compares it against each of the keys in the Cases. If a match is found, the corresponding activity is executed. If no match is found, the Default case is executed, if it is defined. The Default case is an optional activity that serves as a fallback option when none of the cases match the expression. Therefore, the answer is D. Default case is executed if no cases match the expression. References: [Flow Switch](#), [About Control Flow](#)

Question: 164

During a code review, a developer discovered that the variable names did not follow best practices in an automation project. What happens when the developer updates the names of the variables in the Variables panel?

- A. Only String variable names are automatically updated in the activities in the current file
- B. Variable names are updated in the panel but must be manually updated in all UI Automation activities that use them
- C. All variable names are automatically updated in the activities in the current file
- D. Variable names are updated in the panel but must be manually updated in all Image activities that use them

Answer: C

Explanation:

The Variables panel is a panel in UiPath Studio that allows you to create and manage variables in a workflow file. You can change the name, type, scope, and default value of a variable in the Variables panel. When you update the name of a variable in the Variables panel, all the activities that use that variable in the current file are automatically updated with the new name. This ensures that the variable references are consistent and valid throughout the workflow. However, if the variable is used in other workflow files, such as invoked workflows or libraries, you need to manually update the name in those files as well. Therefore, the answer is C. All variable names are automatically updated in the activities in the current file. References: [Managing Variables](#), [Variables](#)

Question: 165

A developer published a process to UiPath Orchestrator with only the Main.xaml workflow file. There is one "In" argument of type String in the Main.xaml file with a default value of String.Empty. When running the process from the Start Job window in Orchestrator what is the value of the argument at runtime?

- A. Only the default value of String.Empty will be used, overriding any values provided in Orchestrator B. An Input Dialog box will prompt the user to input a value and that value will be used C. Any input arguments provided in Orchestrator are used, otherwise the default value of String.Empty will be used
- D. A runtime error will occur as arguments are not allowed in the Main xaml file

Answer: C

Explanation:

UiPath Orchestrator is a web application that enables you to deploy, monitor, and manage UiPath Robots and processes. When you publish a process from UiPath Studio to UiPath Orchestrator, you can define input and output arguments for the process. Input arguments are used to pass data from Orchestrator to the process, while output arguments are used to pass data from the process to Orchestrator. When you run a process from the Start Job window in Orchestrator, you can provide values for the input arguments in the Input section. If you do not provide any values, the default values of the input arguments are used. The default values are defined in UiPath Studio when you create the arguments. In this case, the process has one "In" argument of type String in the Main.xaml file with a default value of String.Empty. This means that when you run the process from Orchestrator, you can either provide a value for the argument in the Input section, or leave it blank. If you provide a value, that value will be used by the process. If you leave it blank, the default value of String.Empty will be used by the process. Therefore, the answer is C. Any input arguments provided in Orchestrator are used, otherwise the default value of String.Empty will be used. References: [About Input and Output Arguments](#), [Arguments](#)

Question: 166

What differentiates a List type from an Array type?

- A. List items can be accessed through an index but array items cannot.
- B. An array has a fixed, predefined number of elements while a list has a dynamic number of elements.
- C. A list can hold items of multiple data types at the same time while arrays cannot.
- D. Lists provide the option of looping through data while arrays do not.

Answer: B

Explanation:

Both list and arrays are a collection type of variables that can store multiple values of the same data type. The main difference between them is if their size is fixed or not. Array has a fixed size, meaning that if you create an array containing 3 elements, you can't add more than 3 or reduce its size. List has a dynamic size, meaning that you can add or remove elements as you need. List also provides some methods that can be invoked to perform operations on the elements, such as sorting, reversing, finding, etc. Array does not have such methods, but it is more optimized for arithmetic computations.

References:

[Differences between a list and an array - UiPath Community Forum](#)
[Array manipulation with UiPath \(List, Dictionary, Array\) - F-PenIT blog List Collection ArrayList - Activities - UiPath Community Forum](#)

Question: 167

Which of the following is a valid area/panel, from the UiPath Studio interface, from where a variable can be created?

- A. Activities Panel
- B. Locals Panel
- C. Data Manager Area
- D. Project Panel

Answer: A

Explanation:

Variables can be created from different areas or panels in the UiPath Studio interface, such as the body of an activity, the properties panel, the expression editor, or the variables panel. However, the activities panel is the only one among the given options that is a valid area for creating variables. The activities panel contains a list of activities that can be dragged and dropped to the designer panel to build workflows. By right-clicking a field in an activity and selecting Create Variable from the context menu, or pressing Ctrl+K, a variable can be created and assigned to that field. The variable's type and scope are automatically determined based on the activity and the container it is part of. **References:**

[Create Variables Tutorial in Studio | UiPath](#)

[Studio - Managing Variables - UiPath Documentation Portal](#) [Managing Variables - UiPath Studio](#)

Question: 168

A developer is automating the process of entering sensitive information into text input fields that are constantly changing their position. Each text input field has a corresponding text label. The developer decides to automate the process by using Modern UI Activities with anchors.

Which activities should be used?

- A. Find Text Position activity as the anchor and Type Secure Text activity as the action.
- B. Type Into activity with a valid anchor and the input text provided in the Secure Text property.
- C. Find Text Position activity as the anchor and Set Text activity as the action.
- D. Type Into activity with a valid anchor and the input text provided in the Text property.

Answer: A

Explanation:

The Find Text Position activity is used to find the position of a text on the screen and return it as a UiElement variable. This can be used as an anchor to locate the text input field that corresponds to the text label. The Type Secure Text activity is used to type a password or other sensitive information into a UI element, without revealing the actual text. The input text is provided as a SecureString variable, which is encrypted and cannot be viewed in plain text. This ensures that the sensitive information is entered securely and accurately into the text input field.

References:

[Find Text Position - UiPath Activities](#)

[Type Secure Text - UiPath Activities](#)

[UiPath Anchor Base Tutorial & AnchorPosition Example](#)

Question: 169

In which phase of the Implementation Methodology is the Process Definition Document (PDD) created?

- A. User Acceptance Testing
- B. Solution Design
- C. Deployment & Hypercare
- D. Process Analysis

Answer: D

Explanation:

The Process Definition Document (PDD) is a document that describes the business process to be automated in detail, including the inputs, outputs, steps, exceptions, and rules. The PDD is created in the Process Analysis phase of the Implementation Methodology, which is the first phase of the automation project lifecycle. The Process Analysis phase involves identifying and selecting the processes that are suitable for automation, documenting the current state of the processes (As-Is), and defining the expected outcomes and benefits of the automation (To-Be). The PDD is the main deliverable of this phase, and it serves as the basis for the Solution Design phase, where the technical specifications and architecture of the automation solution are defined.

References:

- [Implementation Methodology - UiPath Documentation Portal](#)
- [Process Definition Document \(PDD\) - UiPath Documentation Portal](#)
- [Process Analysis - UiPath Documentation Portal](#)

Question: 170

Suppose a developer is working with a 2023 yearly calendar. To expand the calendar into a monthly view, the developer must always click on the 15th day of the current month and add an event.

The selector for the Event Date Element activity in March is presented as follows:

```
<wnd app='applicationframehost.exe' title='Month View - Calendar' />  
<uia cls='Day' name='15 March 2023' />
```

How should the selector be altered to guarantee that it clicks on the 15th of the ongoing month?

- A. `<wnd app='applicationframehost.exe' title='Month View - Calendar' />
<uia cls='Day' name='15 * 2023' />`
- B. `<wnd app='applicationframehost.exe' title='Month View - Calendar' />
<uia cls='Day' name='15* 20 ?? ' />`
- C. `<wnd app='applicationframehost.exe' title='Month View - Calendar' />
<uia cls='Day' name='*15*' />`
- D. `<wnd app='applicationframehost.exe' title='Month View - Calendar' />
<uia cls='Day' name='15 ? 20 ?? ' />`

Answer: B

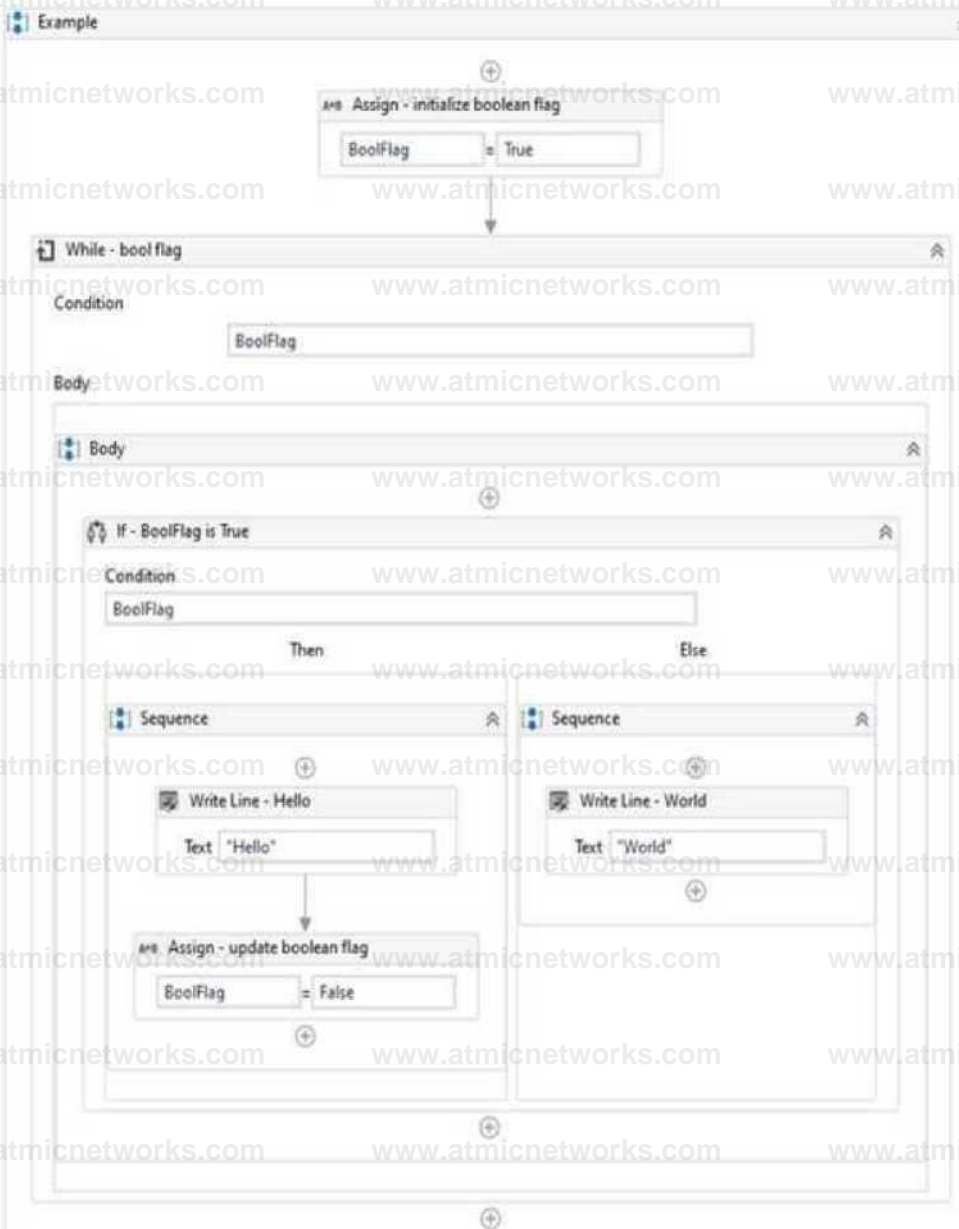
Explanation:

This is the correct option because it uses wildcards to replace the dynamic parts of the selector. Wildcards are symbols that enable you to replace zero or multiple characters in a string. They are useful when dealing with attributes that change dynamically in the selector. There are two types of wildcards: asterisk (*) and question mark (?).

(?). The asterisk (*) replaces zero or more characters, while the question mark (?) replaces a single character. In this case, the name attribute of the target element changes according to the month, but the day and the year remain constant. Therefore, the selector can be altered by replacing the month name with an asterisk (*) and the last two digits of the year with two question marks (??). This way, the selector will match any element that has the name starting with 15, followed by any characters, followed by 20, followed by any two characters. For example, the selector will match 15 March 2023, 15 April 2023, 15 May 2023, etc. The other options are incorrect because they either do not use wildcards, or they use them incorrectly. Option A does not replace the last two digits of the year, which may change in the future. Option C replaces too many characters with the asterisk (*), which may cause ambiguity or false matches. Option D uses the question mark (?) incorrectly, as it should be used for single characters, not for spaces or multiple characters. References: [Selectors With Wildcards](#)

Question: 171

A developer has created the following workflow:



Based on the exhibit, which output is produced in the Output panel?

- A. World Hello
- B. World
- C. Hello World
- D. Hello

Answer: C

Explanation:

The output panel will display “Hello World” because the workflow is designed to first display “Hello” and then “World” in the output panel. The workflow starts with an Assign activity that initializes the Boolean flag to True. Then, the While activity checks if the flag is True. If it is, the workflow enters the Body section of the While activity. Inside the Body section, the workflow checks if the flag is True. If it is, the workflow enters the Then section of the If activity and displays “Hello” in the output panel. Then, the Assign activity sets the flag to False. Since the flag is now False, the workflow enters the Else section of the If activity and displays “World” in the output panel. Finally, the workflow exits the

While activity since the flag is now False. References:

[Assign Activity - UiPath Activities]

[While Activity - UiPath Activities]

[If Activity - UiPath Activities]

[Write Line Activity - UiPath Activities]

Question: 172

Which of the following functionalities does UiPath Assistant provide?

- A. Developing automation workflows in UiPath Studio.
- B. Running, managing, and organizing automation workflows on the user's machine.
- C. Scheduling and monitoring robot processes in Orchestrator.
- D. Analyzing processes to determine optimal automation solutions.

Answer: B

Explanation:

UiPath Assistant is a desktop tool that enables users to easily access, manage, and run automation workflows on their machines. It provides the following functionalities:

Viewing all the available automations that the user can run, either from Orchestrator or locally.

Adding automations to the launchpad for quick and easy access.

Creating custom folders and sections to organize the automations according to the user's preferences.

Running automations with a single click or using keyboard shortcuts.

Launching robot-powered apps and managing action center tasks directly from the assistant.

Customizing the assistant's appearance, name, and avatar to suit the user's personality.

Viewing the status and progress of the running automations, as well as the history and logs of the past executions.

Connecting to Orchestrator and synchronizing the automations and settings with the cloud.

Accessing the help and feedback options, as well as the interactive guided tour.

References:

[Software Robot Assistant - Desktop Automation | UiPath](#)

[Robot - About UiPath Assistant - UiPath Documentation Portal](#)

Question: 173

A developer wants to run two processes on the same machine, the first process contains only HTTP Request activities and the second one performs UI Automation. What option needs to be enabled on the first process in order to ensure that the processes can run concurrently on the same machine?

- A. Starts in Background
- B. Attended Automation
- C. Disable Pause
- D. Supports Persistence

Answer: A

Explanation:

The Starts in Background option is a property of the process that indicates whether the process can run in parallel with other processes on the same machine. If this option is enabled, the process can run as a background process, meaning that it does not require user interaction or UI automation. This allows the process to run concurrently

with another process that performs UI automation, such as the second process in the question. The Starts in Background option can be configured in the project settings of the process in UiPath Studio, or in the process settings in Orchestrator. References:

[Background Process - UiPath Studio](#)

[Background Process Automation - UiPath Robot Managing Processes - UiPath Orchestrator](#)

Question: 174

What functionality can the developer use to improve the reliability of the Type Into activity for text input fields that are impacted by changing orientations?

Example 1: Vertical Orientation



A screenshot of a form oriented vertically. The fields are stacked from top to bottom: Address, Phone Number, Company Name, First Name, Last Name, Role in Company, Email, and a red SUBMIT button at the bottom.

Example 2: Horizontal Orientation



A screenshot of a form oriented horizontally. The fields are arranged in two columns. The left column contains: Email, First Name, Address, and Role in Company. The right column contains: Phone Number, Company Name, Last Name. A red SUBMIT button is located at the bottom left of the form.

- A. Highlight Elements
- B. Find Element
- C. Anchor
- D. Delay Before

Answer: C

Explanation:

The developer can use the Anchor functionality to improve the reliability of the Type Into activity for text input fields that are impacted by changing orientations. This is because the Anchor functionality allows the developer to specify a particular element as a reference point for the Type Into activity. This ensures that the activity will always be performed in the correct location, even if the orientation of the text input fields changes.

References:

[Type Into - UiPath Activities](#)

[Anchor Base - UiPath Activities](#)

[UiPath Anchor Base Tutorial & AnchorPosition Example](#)

Question: 175

A developer is working with an application that allows all types of input methods for the Type Into activity. Which property should be enabled for the fastest execution?

- A. Click before typing
- B. Empty field
- C. Simulate
- D. Window Messages

Answer: C

Explanation:

The Simulate option is a property of the Type Into activity that enables the fastest execution of the activity. This is because the Simulate option does not rely on the hardware drivers or the UI elements to perform the typing action. Instead, it uses the technology of the target application to directly inject the text as a stream of characters. This makes the Simulate option faster, more reliable, and more compatible than the other input methods. The Simulate option also allows the activity to run in the background, meaning that it does not require the application to be in focus or visible.

References:

[Type Into - UiPath Activities](#)

[Input Methods - UiPath Studio](#)

[UiPath Type Into Activity: Step-by-Step Guide with Examples - RPA Tutorial](#)

Question: 176

Where can a process be found, after being published from UiPath Studio and deployed as an automation in Orchestrator?

- A. Manage Packages
- B. UiPath Assistant
- C. Resources Panel
- D. Snippets Panel

Answer: B

Explanation:

A process can be found in the UiPath Assistant after being published from UiPath Studio and deployed as an automation in Orchestrator. UiPath Assistant is a desktop tool that enables users to easily access, manage, and run automation workflows on their machines. It displays all the available automations that the user can run, either from Orchestrator or locally. To run an automation from Orchestrator, the user needs to connect the UiPath Assistant to Orchestrator and synchronize the automations and settings with the cloud. The user can also add automations to the launchpad for quick and easy access, create custom folders and sections to organize the automations, view the status and progress of the running automations, and access the help and feedback options. References:

[Software Robot Assistant - Desktop Automation | UiPath](#)

[Robot - About UiPath Assistant - UiPath Documentation Portal](#)

Question: 177

Which Control Flow activity is suitable for a developer who needs to assess the value of a counter before executing the loop's body in a workflow?

- A. Do While
- B. Switch
- C.)While
- D. If

Answer: C

Explanation:

The While activity is a Control Flow activity that enables the developer to execute a specified part of the automation while a condition is met. The condition is evaluated before the loop body is executed, which means that the developer can assess the value of a counter or any other variable before performing the actions inside the loop. This type of activity can be useful to iterate through an array, a list, a data table, or any other collection of data, or to repeat an action until a certain value is reached or changed. The While activity can be found in the Activities panel, under Workflow > Control.

References:

[While - UiPath Activities](#)

[While Activity - UiPath Studio](#)

[UiPath While Loop Tutorial with Examples - RPA Tutorial](#)

Question: 178

What happens to existing project dependencies in UiPath Studio when converting a Windows-Legacy project to Windows?

- A. Project dependencies are updated to the highest available version.
- B. Project dependencies are completely removed.
- C. Project dependencies remain unchanged.
- D. Project dependencies are marked as unresolved.

Answer: A

Explanation:

When converting a Windows-Legacy project to Windows, the project dependencies are automatically updated to the highest available version that is compatible with the Windows target framework. This is done to ensure that the project can use the latest features and improvements of the activities packages, as well as to avoid potential issues or conflicts with the legacy versions. The updated dependencies are reflected in the project.json file and the Manage Packages window of the project. The developer can also manually update the dependencies to a specific version if needed. References:

[Deprecation of the Windows-Legacy Compatibility - UiPath Studio](#)

[Convert Windows Project to Windows-Legacy - UiPath Community Forum](#)

Question: 179

Which of the following statements is true about Global Constants?

- A. Global Constants can be created only from the Data Manager panel.
- B. Global Constants values can be modified during the automation execution.
- C. Global Constants have a Direction property (In/Out).
- D. Global Constants can be created from the Data Manager panel and from the Variables panel.

Answer: D

Explanation:

Global Constants are a type of variables that can store data in a central location that can be accessed by all workflows and activities in a project. Unlike Global Variables, Global Constants have a fixed value that cannot be modified during the automation execution. Global Constants can be created from two places in UiPath Studio: the Data Manager panel and the Variables panel. The Data Manager panel is a new feature in UiPath 2022.10 that allows the developer to manage all the data elements of a project, such as variables, arguments, data types, and data sources. The Variables panel is a classic feature that allows the developer to create and edit variables for a specific workflow. To create a Global Constant from the Data Manager panel, the developer needs to select the Constants tab, click on the New Constant button, and fill in the required fields, such as name, type, value, and description. To create a Global Constant from the Variables panel, the developer needs to select the Global scope, click on the Create Variable button, and fill in the required fields, such as name, type, value, and description. In both cases, the developer needs to make sure that the Is Constant option is checked, which indicates that the variable is a constant and cannot be changed. References:

[Global Variables and Constants - UiPath Community Forum](#) [Data Manager - UiPath Studio Variables Panel - UiPath Studio](#)

Question: 180

Where can you find a list of all the activities that support the Windows compatibility?

- A. In the converted project's settings.
- B. In the Official feed documentation.
- C. In the Activities Guide.
- D. In the Windows-Legacy project configuration.

Answer: C

Explanation:

The Activities Guide is a comprehensive documentation of all the official UiPath activity packages that are available on the Official feed. The Activities Guide provides detailed information about each activity, such as the description, properties, examples, and compatibility. The compatibility section indicates which target frameworks are supported by the activity, such as Windows, Windows-Legacy, or Cross-platform. By browsing the Activities Guide, you can find a list of all the activities that support the Windows compatibility, as well as the minimum version required for each activity package.

References:

[Activities Guide - UiPath Documentation Portal](#)
[Deprecation of the Windows-Legacy Compatibility - UiPath Studio](#)

Question: 181

What role does the automation developer play in understanding business processes?

- A. Undertaking smaller projects independently.
- B. Collaborating with automation business analysts on technical skills.
- C. Creating complex written documents for procedures.

D. Quickly understanding inputs, outputs, and decision points.

Answer: D

Explanation:

One of the important skills of an automation developer is to quickly understand the business processes that need to be automated. This involves identifying the inputs, outputs, and decision points of the processes, as well as the exceptions, rules, and dependencies. By doing so, the automation developer can design and develop the automation workflows and components that meet the business and technical requirements, as well as the best practices and standards. The automation developer can use various tools and methods to understand the business processes, such as process documentation, process diagrams, process mining, process analysis, and process simulation.

References:

[Automation Developer - Ui Path](#)

[Process Analysis - UiPath Documentation Portal](#)

[Process Mining - UiPath Documentation Portal](#)

Question: 182

Which activity is used to archive a set of files and send them as an attachment in an email? A. Create Folder

B. Archive Files

C. Compress/Zip Files

D. Create File

Answer: C

Explanation:

The Compress/Zip Files activity is used to archive a set of files and send them as an attachment in an email. This activity allows the developer to specify the source folder that contains the files to be archived, the destination folder where the compressed file will be created, and the name of the compressed file. The activity also supports various compression formats, such as zip, tar, gz, bz2, xz, and 7z. The compressed file can then be attached to an email using the AttachmentsCollection property of the Send Mail activity. This way, the developer can reduce the size and number of the files to be sent, as well as protect them with a password if needed.

References:

[Compress/Zip Files - UiPath Activities](#)

[Send Mail - UiPath Activities](#)

[How to send multiple files in one attachment in uipath - UiPath Community Forum](#)

Question: 183

Which of the following workflow names is correct, based on best practices?

A. Transactionstatus

B. Workflow1

C. creation_of_file

D. ScrapeFilteredStocks

Answer: D

Explanation:

The correct workflow name, based on best practices, is ScrapeFilteredStocks. This is because it follows the Pascal Case convention, which means that the first letter of each word is capitalized and there are no spaces or underscores between the words. This convention makes the workflow name easy to read and understand, as well as consistent with the UiPath standards. The other workflow names are incorrect because they either use lower case, snake case, or have no meaningful description. For example, Transactionstatus should be TransactionStatus, Workflow1 should be more descriptive, and creation_of_file should be CreationOfFile.

References:

[Naming Rules and Best Practices - Studio - UiPath Community Forum Workflow Design - UiPath Studio](#)

Question: 184

What variable type should the developer use to store the monetary amount read from a single cell in an Excel file, before inputting it into a field in a web application for the automation process?

- A. List
- B. Double
- C. DataRow
- D. Object

Answer: B

Explanation:

The variable type that the developer should use to store the monetary amount read from a single cell in an Excel file, before inputting it into a field in a web application for the automation process, is Double. This is because the Double variable type can store decimal numbers with high precision and a large range of values. This is suitable for storing monetary amounts that may have fractions or large digits. The Double variable type can be used with the Read Cell activity to read the value from the Excel file, and with the Type Into activity to input the value into the web application. The developer can also use the Format Value activity to format the Double variable as a currency, if needed. References:

[Types of Variables - UiPath Studio Read Cell - UiPath Activities](#)

[Type Into - UiPath Activities](#)

[Format Value - UiPath Activities](#)

Question: 185

What is the main benefit of importing profiling sessions?

- A. Enables the analysis of potential flow issues.
- B. Provides context menu options for profiling actions.
- C. Disables focus on imported profiling sessions.
- D. Disables the analysis of potential flow issues.

Answer: A

Explanation:

The main benefit of importing profiling sessions is that it enables the analysis of potential flow issues in the automation workflows. By importing profiling sessions, the developer can examine previous runs and compare them with the current run. This can help the developer to identify which workflows or activities take longer to execute, which ones consume more resources, and which ones cause errors or exceptions. The developer can also

use the Profiler app to visualize the profiling data and drill down into the details of each operation. This way, the developer can optimize the performance and reliability of the automation workflows and improve the user experience. References:

[Studio - Profile Execution - UiPath Documentation Portal](#)

[Process Mining - Application Profiling - UiPath Documentation Portal](#)

Question: 186

Consider the following Try Catch statement:

```
try {  
    // ft TryCatch  
    // ft  
}
```

Try

```
    throw new IOException("J* @-");
```

```
catch (BusinessRuleException e) {  
    // J* @-  
}
```

Catches

BusinessRuleException *Add an activity*

ArgumentException *Add an activity*

NullReferenceException *Add an activity*

InvalidOperationException *Add an activity*

Add new catch

Finally

Add on activity

What will happen when the code is executed?

- A. The exception will be handled in the ArgumentException catch.
- B. There is no catch defined for the thrown exception type.
- C. The exception will be handled in the InvalidOperationException catch.
- D. The exception will be handled in the BusinessException catch.

Answer: B

Explanation:

This is because the code is throwing a new IOException, but there is no catch block defined for IOException. The catch blocks present are for BusinessException, ArgumentException, and InvalidOperationException.

Therefore, the code will not be able to handle the thrown exception. References:

<https://docs.uipath.com/activities/docs/try-catch>

Question: 187

What are the distinctions between arguments and variables?

- A. Variables pass data between activities inside the same workflow. Arguments pass data between workflow files.
- B. Variables always have a direction. Arguments can be assigned to a variable value.
- C. Variables pass data between workflow files. Arguments pass data between activities inside the same workflow.
- D. Variables must be assigned to an argument value. Arguments always have a direction.

Answer: A

Explanation:

Variables and arguments are both used to store and pass data in UiPath, but they have some differences in their scope and direction. Variables are used to pass data between activities within the same workflow file. They have a default direction of In/Out, which means they can be read and written by any activity in the workflow. Arguments are used to pass data between different workflow

files. They have a specific direction of In, Out, or In/Out, which means they can only be read or written by the workflow that invokes them or the workflow that is invoked. Variables and arguments can have different data types, such as String, Int32, Boolean, etc. Variables can be assigned to an argument value, but arguments cannot be assigned to a variable value. References: [Managing Arguments, Variables, Arguments, and Control Flow in Studio](#), [Different between variables and arguments](#)

Question: 188

During which stage does an automation developer have the least contribution and responsibility?

- A. In the Discovery and Kickoff, Process Analysis, and Solution Design stages.
- B. In the Development and Unit Testing, Integration and UAT, and Deployment and Hypercare stages.
- C. In the Solution Design, Development and Unit Testing, and Deployment and Hypercare stages.
- D. In the Discovery and Kickoff, Development and Unit Testing, and Deployment and Hypercare stages.

Answer: A

Explanation:

According to the UiPath Automation Implementation Methodology, the automation lifecycle consists of six stages: Discovery and Kickoff, Process Analysis, Solution Design, Development and Unit Testing, Integration and UAT, and Deployment and Hypercare. The automation developer has the least contribution and responsibility in the first three stages, as they are mainly focused on identifying, analyzing, and designing the automation solution. The automation developer's role is more prominent in the last three stages, as they are responsible for developing, testing, deploying, and monitoring the automation projects and components. References: [Automation Lifecycle - Standalone, Automation Developer](#)

Question: 189

Which dependencies are automatically installed when a developer starts a blank process in UiPath Studio?

- A. UiPath.Database.Activities and UiPath.Form.Activities.
- B. UiPath.Python.Activities and UiPath.Word.Activities.
- C. UiPath.System.Activities, UiPath.Excel.Activities, UiPath.Mail.Activities, UiPath.UIAutomation.Activities and UiPath. Testing.Activities.
- D. UiPath.PDF.Activities and UiPath. Terminal.Activities.

Answer: C

Explanation:

When a developer starts a blank process in UiPath Studio, the following dependencies are automatically installed by default: UiPath.System.Activities, UiPath.Excel.Activities, UiPath.Mail.Activities, UiPath.UIAutomation.Activities and UiPath. Testing.Activities. These dependencies provide the basic activities and packages that are needed for most automation projects, such as working with data types, files, Excel, email, user interface, and testing. The

developer can also add or remove other dependencies as needed, depending on the specific

requirements of the automation project. References: [Creating a Basic Process](#), [Managing Dependencies](#).

Question: 190

What will be the outcome when executing a Try Catch activity with a sequence placed within the Try section and no Catches section present?

- A. In case of an exception, a System Exception will be caught by default.
- B. Due to a validation error, the workflow will not execute.
- C. Process execution will terminate only if the sequence throws an exception.
- D. The sequence will result in a runtime error.

Answer: B

Explanation:

[According to the UiPath documentation, the Try Catch activity requires at least one catch to be added](#)¹. If there is no catch defined for the Try Catch activity, the workflow will not pass the validation and will not execute. The validation error message will say: "Try Catch: At least one catch must be added to the Try Catch activity."

Therefore, the outcome of executing a Try Catch activity with a sequence placed within the Try section and no Catches section present will be a validation error. References: [Activities - Try Catch](#)

Question: 191

Upon extracting data from a website, a developer saves it in three variables: "FirstName", "LastName", and "City". The developer intends to store these three String variables in a fixed-size data structure called "UserData", to be utilized later within another workflow in the process.

Considering best practices, which data structure and assignment should be used?

- A. UserData is of type List<Object>
UserData = New List(Of Object) ({ FirstName, LastName, City })
- B. UserData is of type Object[]
UserData = {FirstName, LastName, City}
- C. UserData is of type List<String>
UserData = New List(Of String) ({ FirstName, LastName, City })
- D. UserData is of type String[]
UserData = {FirstName, LastName, City}

Answer: D

Explanation:

This is the best option because it meets the requirements of storing three String variables in a fixed-

size data structure. A String[] is an array of String values, which can be initialized with a fixed size and assigned with

a set of values using curly braces. An array is a simple and efficient data structure that can store multiple values of the same type and access them by index. A List is another data structure that can store multiple values, but it is not fixed-size and it requires creating a new instance using the New keyword. An Object is a generic type that can store any kind of value, but it is not recommended to use it for specific types like String, as it may cause type conversion errors or performance issues. Therefore, option D is the best choice for storing the three String variables in a fixed-size data structure called UserData. References: [Variables, Arguments, and Control Flow in Studio](#), [Data Types in UiPath](#), [Arrays in UiPath](#)

Question: 192

A developer has published a new library from UiPath Studio to the Orchestrator feed. Another developer on the team is connected to the same Orchestrator where the library has been published. What steps are necessary for adding this library as a dependency in a project?

- A. Open the Manage Packages Window and ensure the Orchestrator feed is enabled. In the Imports Panel in Studio, search for the package by name, and then install the package.
- B. Open the Manage Packages Window and install UiPath.System.Activities. Drag and Drop the Invoke Com Method activity and input the library name as a parameter.
- C. Open the Manage Packages Window and install UiPath.System.Activities. Drag and Drop the Invoke Method activity and input the library name as a parameter.
- D. Open the Manage Packages Window and ensure the Orchestrator feed is enabled. Search for the package by name in the Search bar and then install the package.

Answer: D

Explanation:

This is the correct way to add a library that has been published to the Orchestrator feed as a dependency in a project. The Manage Packages Window allows the developer to browse, install, update, or remove packages from various sources, such as the Orchestrator feed, the Official feed, or the Local feed. The Orchestrator feed is the default location where libraries are published from Studio, and it can be enabled or disabled by clicking on the Settings button in the Manage Packages Window. The Search bar allows the developer to find the desired package by name, version, or description. The Install button allows the developer to add the package as a dependency to the project. The other options are incorrect because they do not use the Orchestrator feed, or they do not use the correct activity to invoke the library. References: [About Libraries](#), [Managing Dependencies](#), [Publishing a Library](#), [Invoking a Workflow](#)

Question: 193

What happens after executing the given sequence if the Work Items button appears on the screen after 8 seconds and the Retry Scope activity has the properties as shown in the picture?

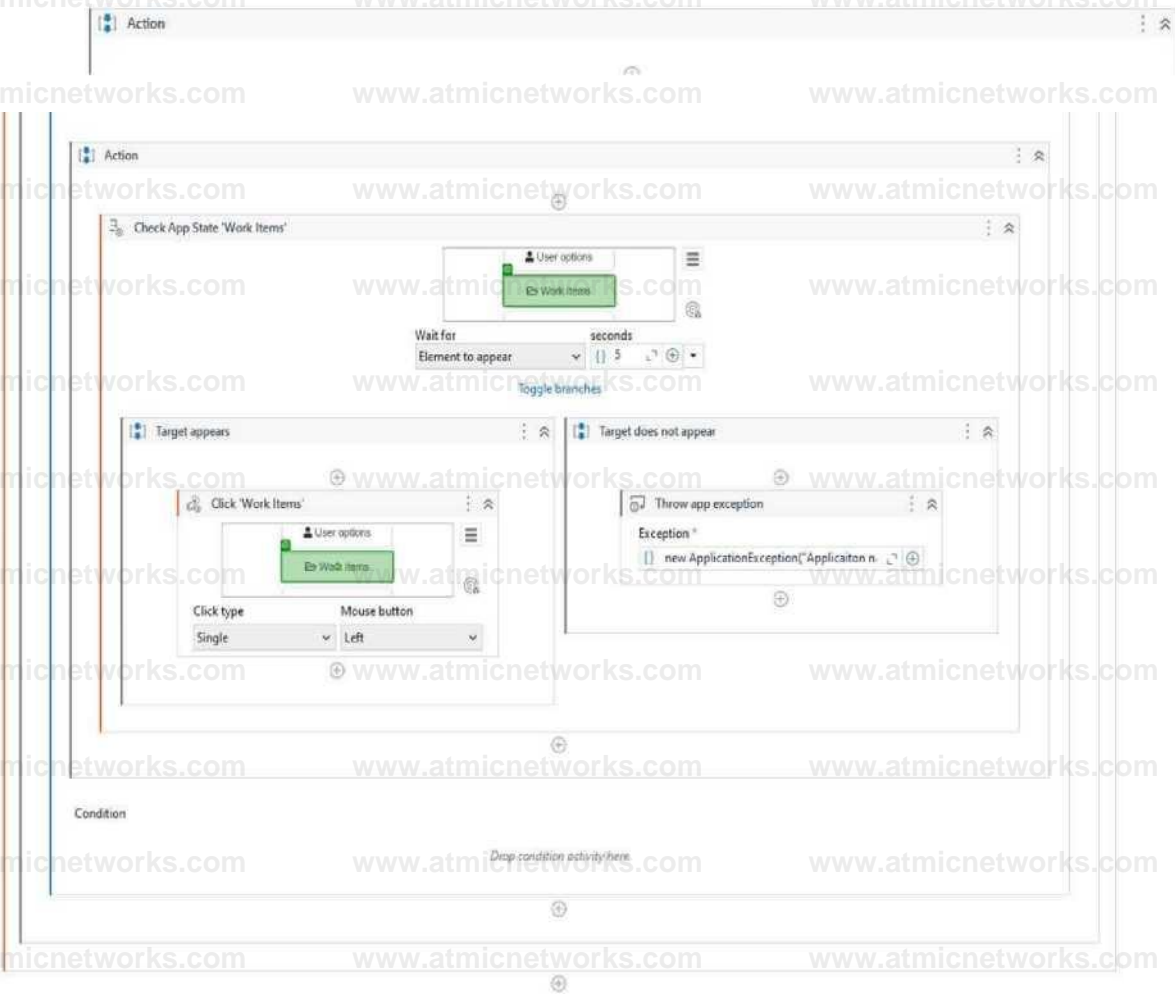


Browser URL *

[! "https://acme-tkt.uipath.com/"

Do

0 Retry Scope



Properties

UiPathCoreActrvrties.RetryScope

S Common

Continue On Error

DisplayName **Retry Scope**

Misc

Private

S Options

Number Of Retries

Retry Interval *Specifies the amount of ti ~*

- A. The Work Items button is being clicked.
- B. An exception is being thrown.
- C. Nothing happens.
- D. The Work Items button is being highlighted.

Answer: A

Explanation:

The Retry Scope activity is used to retry the execution of a specific part of the automation in case of an error. In this case, the properties of the Retry Scope activity are set to retry 3 times with an interval of 8 seconds. Therefore, if the Work Items button appears on the screen after 8 seconds, the activity will click on the button.

References: [Activities - Retry Scope]

Question: 194

In what situations is it appropriate to use a static selector instead of a dynamic selector?

- A. When the automation requires high flexibility.
- B. When the automation process requires better performance.
- C. When the target element's properties change frequently.
- D. When the target element's attributes remain constant and do not change during runtime.

Answer: D

Explanation:

A static selector is a selector that has fixed values for the attributes of the target element, such as name, id, class, etc. A static selector is appropriate to use when the target element's attributes do not change during runtime, meaning they are always the same regardless of the state of the application or the environment. A static selector is more reliable and faster than a dynamic selector, as it does not require any variables or arguments to identify the target element. A static selector is not suitable for situations where the target element's properties change frequently, such as when the element is generated dynamically, or when the automation requires high flexibility, such as when the element can have different names or ids depending on the input or output data.

a. In those cases, a dynamic selector is preferred, as it can use variables or arguments to adjust the attribute values according to the changes in the target element. References: [Dynamic Selectors](#), [Selectors](#)

Question: 195

A developer is automating an invoice process for the finance department using a Dispatcher and Performer model with access to Orchestrator. New invoices are added to a shared folder each morning. Each invoice needs to be processed separately in the system, as a single unit of work. After each invoice is processed in the system, the system output ID must be emailed to the finance team email address. How should the developer store the invoice data in Orchestrator?

- A. Upload individual invoice data as Specific Data in Queue Items and Create an asset for the finance team email address.
- B. Create an asset for each piece of invoice data as well as for the finance team email address.
- C. Upload individual invoice data and the finance team email address as Specific Data in Queue Items.
- D. Upload the finance team email address as Specific Data in Queue Items and Create an asset for each

individual invoice data field.

Answer: A

Explanation:

This is the best option because it follows the best practices for using queues and assets in Orchestrator. Queues are used to store and process multiple items of data that need to be processed separately, such as invoices. Each invoice can be uploaded as a queue item with the invoice data as Specific Data, which can be accessed and manipulated by the automation process. Assets are used to store and share global information that is constant or rarely changes, such as the finance team email address. An asset can be created for the email address and retrieved by the automation process when needed. The other options are not optimal because they either use assets for data that is not global or constant, or they use queues for data that is not related to the items to be processed. References: [About Queues and Transactions](#), [About Assets](#)

Question: 196

Which set of properties, methods, or activities enables the developer to obtain a subset of data from a data table called "dt"?

A. Output Data Table

Lookup Data Table

Build Data Table

Merge Data Table

B. Sort Data Table

Join Data Tables

Get Row Item

C. dt.Rows(1..5)

Remove Data Row activity

D. Filter Data Table

dt.Select

dt.AsEnumerable().Where

Answer: D

Explanation:

These are the properties, methods, or activities that enable the developer to obtain a subset of data from a data table called “dt”:

Filter Data Table activity: This activity enables you to filter a data table by specifying conditions in the Filter Wizard. You can choose to keep or remove rows that match the filter criteria. [You can also specify the columns to include or exclude in the output data table1.](#)

dt.Select method: This method returns an array of data rows that match a specified filter expression. [You can use this method to query a data table using SQL-like syntax2.](#)

dt.AsEnumerable().Where method: This method returns an enumerable collection of data rows that satisfy a given predicate. [You can use this method to query a data table using LINQ syntax3.](#)

Reference:

[1:](#) Filter Data Table

[2:](#) DataTable.Select Method

[3:](#) Enumerable.Where Method

Question: 197

A developer is working with a Purchase Order automation process. The number of shipped containers and the number of items in each container are extracted in two strings,

"ShippedContainers" and "ItemsPerContainer". The robot must calculate the total number of items in all shipped containers, as an Integer.

Which expression is suitable for calculating the total number of boxes?

A. `String.ToInt32(ShippedContainers) * String.ToInt32(ItemsPerContainer)`

B. `Convert.ToInt32(ShippedContainers) * Convert.ToInt32(ItemsPerContainer)`

C. `Clnt(ShippedContainers * ItemsPerContainer)`

D. `ShippedContainers.ToInt32() * ItemsPerContainer.ToInt32()`

Answer: B

Explanation:

This expression is suitable for calculating the total number of boxes because it converts both strings to integers using the `Convert.ToInt32` method, which is a built-in method in .NET that can handle various formats of numeric strings¹. Then, it multiplies the two integers to get the total number of boxes as an integer. The other expressions are not suitable because they either use incorrect syntax or methods that do not exist or are not reliable for converting strings to integers. Reference:

1: `Convert.ToInt32` Method

Question: 198

How many Global Exception Handlers can be established per automation project, according to best practices?

A. A single one for the entire project.

- B. There is no limit.
- C. One for each workflow in the project.
- D. One for each activity in the project.

Answer: A

Explanation:

According to best practices in UiPath, there should be a single Global Exception Handler for the entire project, making option A correct. The Global Exception Handler is designed to manage unhandled exceptions in a centralized manner, allowing for a consistent approach to error handling across the entire project. Options B, C, and D suggest multiple handlers, which contradicts the principle of centralized exception management.

Reference:

UiPath Documentation: Global Exception Handler

Question: 199

What is the purpose of Breakpoints when debugging a project in UiPath Studio?

- A. To purposely pause the debugging process on an activity which may trigger execution issues.
- B. To automatically restart the debugging process when an error is encountered.
- C. To measure the execution time of each activity in the workflow.
- D. To export debugging results in different formats.

Answer: A

Explanation:

Breakpoints are used in debugging to pause the execution of the project at specific activities, which may potentially cause execution issues, making option A correct. This allows developers to inspect the state of the application at that point, aiding in the identification and resolution of issues. Options B, C, and D do not accurately describe the purpose of breakpoints in the debugging process.

Reference:

UiPath Documentation: Debugging

Question: 200

When choosing a process for automation, what factor contributes to its increased complexity?

- A. Unstructured input data source.
- B. Standard desktop applications.
- C. Low number of decision points.
- D. Low number of steps required in the automation.

Answer: A

Explanation:

Unstructured input data sources significantly contribute to the complexity of an automation process, making option A correct. Unstructured data is more challenging to interpret and process, requiring more sophisticated methods for data extraction and handling, thus increasing the complexity of the automation. Standard desktop applications (option B), a low number of decision points (option C), and a low number of steps (option D) typically reduce complexity.

Reference:

UiPath Documentation: Input Methods

Question: 201

The "Main.xaml" file has an "In" argument of type String with a default value of "String.Empty". What is the runtime value of the argument when executing the process from the Start Job window in UiPath Orchestrator?

- A. A runtime error will occur as arguments are not allowed in the "Main.xaml" file.
- B. Only the default value of "String.Empty" will be used, overriding any values provided in Orchestrator.
- C. @ If any input arguments are provided in Orchestrator, those values will be used; otherwise, the default value of "String.Empty" will be used.
- D. An Input Dialog box will prompt the user to input a value and that value will be used.

Answer: C

Explanation:

When a process is executed from the Start Job window in UiPath Orchestrator, the runtime value of an "In" argument in the "Main.xaml" file will be the value provided in Orchestrator if specified. If no value is provided in Orchestrator for this argument, then the default value specified in the "Main.xaml" file will be used, in this case, "String.Empty". Therefore, option C is correct. Arguments can be passed to the "Main.xaml" file from Orchestrator, and there is a mechanism to handle default values for arguments in case they are not provided at runtime.

Reference:

UiPath Orchestrator Guide: Starting a Job

UiPath Studio Guide: Managing Arguments

Question: 202

A Credential asset is created by a developer in Orchestrator as seen in the below image:

The screenshot shows the 'General details' and 'Asset value' sections of the Orchestrator interface. In the 'General details' section, the 'Asset name' is 'SAP_Credential' and the 'Type' is 'Credential'. The 'Description' field is empty. In the 'Asset value' section, the 'Global Value' toggle is turned on. The 'Username' is 'UserOneRobot' and the 'Password' is masked with asterisks. A note below the password field states: 'When the global value is enabled every user will receive it, unless specifically overridden in the table below.' Below this note is a table with columns 'User', 'Machine', and 'Value', which is currently empty. A '+ Add robot asset value' button is located above the table. At the bottom right, there are 'Cancel' and 'Create' buttons.

After the asset is created, if you change the Username value, what field must also be changed?

- A. Asset Name
- B. Description
- C. Type
- D. Password

Answer: D

Explanation:

In Orchestrator, when a Credential asset is created and the username value is changed, the password must also be changed to ensure that the credential set remains valid. The username and password are linked as they represent the credential pair used for authentication. Changing one without the other would result in mismatched credentials that cannot be used for logging in to the system that these credentials are associated with. Therefore, the correct answer is D.

Reference:

UiPath Orchestrator Guide: Managing Assets in Orchestrator

Question: 203

You are invoking a workflow file called "SecondaryWorkflow.xaml" from "PrimaryWorkflow.xaml". The following shows the Import Arguments panel of the Invoke Workflow File activity:



In addition, the following reflects the Arguments panel in "SecondaryWorkflow.xaml":

> Variables

v Arguments @ New Argument v (a) in Message

Direction In v

Data Type String *

Is Required

Default Value 'This is the second file'

You use a Log Message activity in "SecondaryWorkflow.xaml" to print the value of the argument "in_Message".

What is the expected result of executing "PrimaryWorkflow.xaml"?

- A. Log message "This is the second file".
- B. Log message "Invoked from the first file".
- C. A System.ArgumentException is thrown at the Invoke Workflow File activity.
- D. The Log Message activity displays an empty string.

Answer: B

Explanation:

In the given scenario, the "SecondaryWorkflow.xaml" is invoked from "PrimaryWorkflow.xaml" with an argument "in_Message". The Import Arguments panel of the Invoke Workflow File activity in "PrimaryWorkflow.xaml" is showing that the value "Invoked from the first file" is passed to "SecondaryWorkflow.xaml". Since the "SecondaryWorkflow.xaml" has an argument "in_Message" with the default value "This is the second file", this default value is overridden by the value provided during the invoke action. Therefore, when the Log Message activity in "SecondaryWorkflow.xaml" is executed, it will log "Invoked from the first file", making option B correct.

Reference:

UiPath Studio Guide: Invoking a Workflow

Question: 204

Which of the following is a characteristic of source control in UiPath Studio?

- A. Connects the files in a single Studio project to different GIT remote repositories.
- B. Shows the history for all versions of a file in a Studio project.
- C. Analyzes each file in a Studio project before publishing a package.

D. Connects a single Studio project to multiple GIT remote repositories at the same time.

Answer: B

Explanation:

Source control in UiPath Studio, particularly with GIT integration, allows users to track changes and view the history for all versions of a file within a Studio project. This is a crucial feature for understanding the development and changes made over time, making option B correct. It is not possible to connect the files in a single Studio project to different GIT remote repositories (option A) or multiple GIT remote repositories at the same time (option D). Analyzing each file before publishing a package is not a characteristic of source control but part of the publishing process.

Reference:

UiPath Studio Guide: Version Control Systems Integration

Question: 205

Which variable field is optional when creating a variable, in UiPath Studio?

A. Default

B. Variable type

C. Name

D. Scope

Answer: A

Explanation:

In UiPath Studio, when creating a variable, the "Default" field is optional. The "Default" field is where you can assign an initial value to the variable, which it will hold until changed during the execution of the workflow. The "Variable type" must be specified to determine what kind of data the variable will hold. The "Name" is required to reference the variable within the workflow, and the "Scope" determines where the variable can be accessed from within the project.

Reference:

UiPath Studio Guide: Managing Variables

Question: 206

To read only the first page of a .pdf file using the Read PDF Text activity, what value should be entered into the Range property?

- A. "1"
- B. ""
- C. 1
- D. (0)

Answer: A

Explanation:

To read only the first page of a PDF file using the "Read PDF Text" activity in UiPath, the value that should be entered into the "Range" property is "1". This specifies that only the first page of the PDF should be read by

the activity. Options B, C, and D do not represent the correct syntax for specifying a single-page range in the activity property.

Reference:

UiPath Activities Guide: Read PDF Text

Question: 207

A developer sets a breakpoint on one of the activities in the workflow. When deploying the code to production, the developer published the package and created a process in

UiPath Orchestrator. At the time the process is executed in unattended mode from a UiPath Robot, what is the expected behavior?

- A. Robot will crash and execution will stop because of the breakpoint.
- B. When encountering the breakpoint the execution will pause until it is resumed manually.
- C. Execution will proceed without taking into consideration the breakpoint.
- D. Execution will throw an exception because of the breakpoint.

Answer: C

Explanation:

When a UiPath process is executed in unattended mode from a UiPath Robot, breakpoints set during the development phase do not affect the execution. The Robot ignores any breakpoints that have been left in the workflow, and execution proceeds as if the breakpoints were not there. Therefore, the correct answer is C.

Breakpoints are meant for debugging purposes during development and do not cause crashes, pauses, or exceptions during unattended execution in a production environment.

Reference:

UiPath Orchestrator Guide: About Processes

Question: 208

Consider the following automation steps:

1. Open the Web Browser.
2. Scrape the data.
3. Store the data in Microsoft Excel.
4. Close the Web Browser.

In accordance with UiPath best practices, which section of the Try Catch activity ensures that Step 4 (closing the web browser) is executed regardless of any exceptions

occurring in Step 2 (data scraping) or Step 3 (storing data in Microsoft Excel)?

- A. Try Block
- B. Business Exception Catch Block
- C. Finally Block
- D. Application Exception Catch Block

Answer: C

Explanation:

In UiPath best practices, to ensure that an action is executed regardless of any exceptions, you should place such steps in the "Finally" block of the Try Catch activity. The "Finally" block is designed to run after the "Try" and any "Catch" blocks have completed, whether an exception was thrown or not. This ensures that step 4 (closing the web browser) is executed even if exceptions occur in steps 2 (data scraping) or 3 (storing data in Microsoft Excel). Therefore, the correct answer is C.

Reference:

UiPath Studio Guide: Exception Handling

Question: 209

What are the differences between the Workbook Write Range and Excel Application Integration Write Range activities in writing a DataTable to an Excel file?

- A. (Excel) Write Datatable to Excel activity only works in the background.
(Workbook) Write Range activity requires that the file is not opened by the user before running.
- B. (Excel) Write Datatable to Excel activity only works in the foreground, visible to the user.
(Workbook) Write Range activity only works in the background.
- C. (Excel) Write Datatable to Excel activity will create the file in the WorkbookPath property if it does NOT exist.
(Workbook) Write Range activity can only be used when Excel is installed.
- D. (Excel) Write Datatable to Excel activity will execute correctly even if the file is opened by the user before running.
(Workbook) Write Range activity will create the file in the WorkbookPath property if it does not exist.

Answer: D

Explanation:

The difference between "Workbook Write Range" and "Excel Application Integration Write Range" activities is that the "Excel Application Integration Write Range" (also known as "Excel Write Range") activity can execute correctly even if the Excel file is already opened by the user before running. It interacts with Excel as an application, making it visible and allowing for interaction with the Excel interface. On the other hand, the "Workbook Write Range" activity works in the background, does not require Excel to be installed, and will create the Excel file in the specified path if it does not exist. So, the correct answer is D.

Reference:

UiPath Activities Guide: Excel Write Range

UiPath Activities Guide: Workbook Write Range

Question: 210

Which activity should be used to iterate through all the files in a local folder?

- A. For Each File in Folder
- B. For Each File Info
- C. For Each Row in Datable
- D. Do For Each File

Answer: A

Explanation:

The "For Each File in Folder" activity is the appropriate choice for iterating through all the files in a local folder in UiPath. This activity allows you to specify the folder path and then iterates through each file within that folder, performing actions on each file as needed. Options B, C, and D are not standard UiPath activities for this purpose.

Reference:

UiPath Activities Guide: For Each File in Folder

Question: 211

During the debugging process, a developer paused the execution. To alter the characteristics of the ongoing flow and change the values of variables within the existing scope.

which panel of the UiPath interface is recommended to be accessed?

A. Variables Panel

B. Locals Panel

C. Information Window

D. Execution Flow Panel

Answer: B

Explanation:

During debugging, when the execution is paused, the "Locals" panel in UiPath Studio is the place to go to alter the characteristics of the ongoing flow and change the values of variables within the existing scope. The Locals panel shows the current state of all variables and arguments in the current scope and allows their values to be changed on-the-fly.

Reference:

UiPath Studio Guide: Debugging

Question: 212

What is enabled by connecting UiPath Studio to Orchestrator?

- A. Publishing automation packages to Orchestrator.
- B. Defining queues and arguments for use in automations.
- C. Generating API keys for use in integrations with third party apps.
- D. Creating an Object Repository of elements for use in automations.

Answer: A

Explanation:

Connecting UiPath Studio to Orchestrator enables several features, including publishing automation packages directly to Orchestrator. This connection is crucial for deploying processes and managing automation workflows at scale. It does not directly enable defining queues and arguments for automations (option B), generating API keys for third-party integrations (option C), or creating an Object Repository of elements (option D), although these can be managed within Orchestrator once the package is published.

Reference:

UiPath Orchestrator Guide: Connecting Robots to Orchestrator

Question: 213

Which activity should be used inside a Use Excel File scope to be able to sort a table directly in an ".xlsx" file?

A. Get Table Range

B. Sort Data Table

C. Read Range

D. Sort Range

Answer: D

Explanation:

Within a "Use Excel File" scope, the "Sort Range" activity should be used to sort a table directly in an ".xlsx" file. This activity allows you to specify the range to sort, the field to sort by, and the sort order. The "Sort Data Table" activity (option B) operates on DataTable objects in memory and does not interact directly with Excel files.

Reference:

UiPath Activities Guide: Sort Range

Question: 214

What is the difference between the UiPath Studio and UiPath StudioX development profiles?

A. UiPath Studio allows the user to split the automation into smaller workflows that can be invoked, while StudioX doesn't offer this functionality.

B. UiPath Studio is meant for business users looking to automate tasks for themselves and their immediate teams, while StudioX is meant for Automation developers.

C. UiPath Studio can only build unattended automations, while StudioX can only build attended automations.

D. UiPath Studio can save values into variables for later use, while StudioX doesn't offer this functionality.

Answer: A

Explanation:

The main difference between UiPath Studio and UiPath StudioX is their target audience and functionality. UiPath Studio is aimed at technical users and allows for complex automation development, including the ability to split automations into smaller workflows that can be invoked from within other workflows. On the other hand, StudioX is designed for non-technical business users to automate tasks without writing code, and while it does allow for simpler workflows, it does not have the same depth of functionality as Studio for modularizing workflows.

Reference:

UiPath Studio Guide: Introduction to StudioX

Question: 215

What is the main difference between an array and a list in UiPath?

A. An array is a fixed-size collection of elements of the same type while a list is a dynamic-sized collection of elements of the same type,

B. An array is a dynamic-sized collection of elements of the same type while a list is a fixed-size collection of elements of the same type.

C. An array is a fixed-size collection of elements of different types while a list is a dynamic-sized collection of elements of the same type.

D. An array is a fixed-size collection of elements of the same type while a list is a dynamic-sized collection of elements of different types.

Answer: A

Explanation:

The main difference between an array and a list in UiPath (and .NET in general) is that an array is a fixed-size collection of elements of the same type, whereas a list is a dynamic-sized collection, meaning it can grow or shrink in size as needed. Both arrays and lists hold elements of the same type, but lists offer more flexibility in terms of adding or removing elements after the collection has been created.

Reference:

UiPath Studio Guide: The Main Data Types in Studio

Question: 216

What is a function of unattended robots?

A. Unattended robots must be triggered manually.

B. Unattended robots can only work if they are not connected to Orchestrator.

C. Unattended robots only run on a workstation operated by a human.

D. Unattended robots can run independently without human interaction.

Answer: D

Explanation:

Unattended robots are designed to run without human interaction. They can be triggered by events, schedules, or via a command from Orchestrator and are capable of executing processes independently. This is particularly useful for batch processing or automations that need to run at specific times without requiring a human to initiate them. Hence, the correct answer is D.

Reference:

UiPath Orchestrator Guide: About Robots

Question: 217

Which activity is part of the Modern Excel Activities in UiPath Studio?

A. Write Range

B. Execute Macro

C. Read Cell

D. For Each Excel Row

Answer: D

Explanation:

"For Each Excel Row" is an activity that belongs to the Modern Excel Activities package in UiPath Studio. It is used to iterate through each row of an Excel file, allowing for operations to be performed on each row. This activity is part of the modern design experience and offers enhanced capabilities compared to classic Excel activities. Therefore, the correct answer is D.

Reference:

UiPath Activities Guide: For Each Excel Row

Question: 218

While working on a project that utilizes Object Repository, you have one linked UI Element that is used across multiple activities. What needs to happen to edit a selector for

only one activity without modifying it in Object Repository?

A. Unlink from Object Repository.

B. Show in Object Repository.

C. Edit target.

D. Indicate target on screen.

Answer: A

Explanation:

To edit a selector for only one activity without modifying it in the Object Repository, you would need to "Unlink from Object Repository". This allows you to make changes to the selector for that specific activity without affecting the linked UI element in the Object Repository, which might be used by other activities as well. Therefore, the correct answer is A.

Reference:

UiPath Studio Guide: Object Repository

Question: 219

What is the most appropriate way to convert a designed process into a template after completing the project?

- A. Use the "Save As" option to save the project as a new file type and manually change the file extension to create a template.
- B. Use the Export as Template option from the UiPath Studio.
- C. Create a new Template and move the activities from the existing process to the new Template.
- D. There is no way the developer can do this.

Answer: B

Explanation:

In UiPath Studio, to convert a designed process into a template, you should use the "Export as Template" option. This feature packages the project in such a way that it can be reused as a starting point for other automation projects. Therefore, the correct answer is B.

Reference:

UiPath Studio Guide: Project Templates

Question: 220

A developer needs to create a workflow that manipulates items related to invoices inside a web application.

The following selector represents a UI element inside an invoice

represented by an 8-alphanumeric system-generated vendor tax ID.

```
<html app='chrome.exe' title='ACME System - Invoice - RO123456' />
```

```
<webctrl tag='DIV' aaname='RO123456' class='InvoiceNumber' />
```

Assuming only the Vendor Tax ID value changes in the selector, what represents an example of a good selector that matches only specific invoices with the vendor tax ID

defined in a pre-selected existing list?

A.

```
<html app='chrome.exe' title='ACME System - Invoice - {{VendorTaxID}}' />
```

```
<webctrl tag='DIV' aaname='{{VendorTaxID}}' class='InvoiceNumber' />
```

Where VendorTaxID is a 8-alphanumeric element.

B.

```
<html app='chrome.exe' title='ACME System - Invoice - " />
```

```
<webctrl tag='DIV' aaname='**' class='InvoiceNumber' />
```

Where VendorTaxID is a 8-alphanumeric element.

C.

```
<html app='chrome.exe' title='ACME System - Invoice - RO123456' />
```

```
<webctrl tag='DIV' aaname='{{VendorTaxID}}' class='InvoiceNumber' />
```

Where VendorTaxID is a 8-alphanumeric element.

D.

```
<html app='chrome.exe' title='ACME System - Invoice - RO123456' />
```

```
<webctrl tag='DIV' aaname='RO123456' class='InvoiceNumber' />
```

Where VendorTaxID is a 8-alphanumeric element.

Answer: A

Explanation:

A good selector for matching specific invoices with the vendor tax ID defined in a pre-selected existing list would use variables or arguments to replace the specific vendor tax ID. The correct syntax for dynamic selectors in UiPath uses double braces `{{VendorTaxID}}` to represent variables within the selector. Therefore,

the correct answer is A, as it correctly uses a variable placeholder for the VendorTaxID.

Reference:

UiPath Studio Guide: Selectors with Variables

Question: 221

What is a true statement regarding the characteristics of dictionaries in UiPath?

- A. Dictionaries can have repeated keys.
- B. Dictionaries allow keys and values to be of different data types.
- C. Dictionaries must have unique values.
- D. Dictionaries provide automatic sorting of key-value pairs, ensuring efficient retrieval of data.

Answer: B

Explanation:

Dictionaries in UiPath, as in other .NET environments, allow for keys and values to be of different data types. Keys must be unique within a dictionary, but the values can be duplicates. Dictionaries do not provide automatic sorting; they are collections designed for quick lookup of values based on a key. Therefore, the correct answer is B.

Reference:

UiPath Studio Guide: The Dictionary Data Type

targeted UI element?

- A. Properties Panel
- B. Open in UI Explorer
- C. Output Panel
- D. Debug Mode

Answer: B

Explanation:

To view the complete list of attributes for the targeted UI element after generating a selector, the developer should use the "Open in UI Explorer" option. UI Explorer is a tool that provides a detailed view of the UI elements' properties and their full selectors. It allows for editing, validating, and testing selectors for better accuracy and reliability. Therefore, the correct answer is B.

Reference:

UiPath Studio Guide: UI Explorer

Question: 224

Which compatibility option should be selected when creating a new project to use .NET 6 with Windows support?

- A. Windows - Legacy

B. Linux & MacOS

C. Windows

D. Cross-platform

Answer: C

Explanation:

When creating a new project in UiPath Studio and you want to use .NET 6 with Windows support, you should select the "Windows" compatibility option. This option is designed to work with Windows-specific features and the newer .NET versions, including .NET 6. Hence, the correct answer is C.

Reference:

[UiPath Studio Guide: Project Compatibility](#)

Question: 225

Which of the following is the correct method to manage assets for a specific folder in UiPath Orchestrator?

A. Open the folder's contextual menu by clicking the three-dot icon, then select "Link Resources" and choose "Asset".

B. Select "Tenant" from the sidebar menu, then click the "Assets" tab.

C. Navigate to "Tenant" > "Folders", choose the desired folder, and click the "Manage Access" tab.

D. Select the folder from the sidebar menu, then click the "Assets" tab.

Answer: D

Explanation:

To manage assets for a specific folder in UiPath Orchestrator, you should select the folder from the sidebar menu and then click the "Assets" tab. This allows you to manage assets that are available to the processes running within the selected folder. Therefore, the correct answer is D.

Reference:

UiPath Orchestrator Guide: Managing Assets in Orchestrator

Question: 226

Which activity should the developer utilize in order to retrieve all UI elements from a form based on a filter criterion?

A. Get Ancestor

B. Export UI Tree

C. Find Element

D. Find Children

Answer: D

Explanation:

The "Find Children" activity should be used to retrieve all UI elements from a form based on a filter criterion. This activity can be used to find all UI elements that are children of a specified UI element, and it allows for

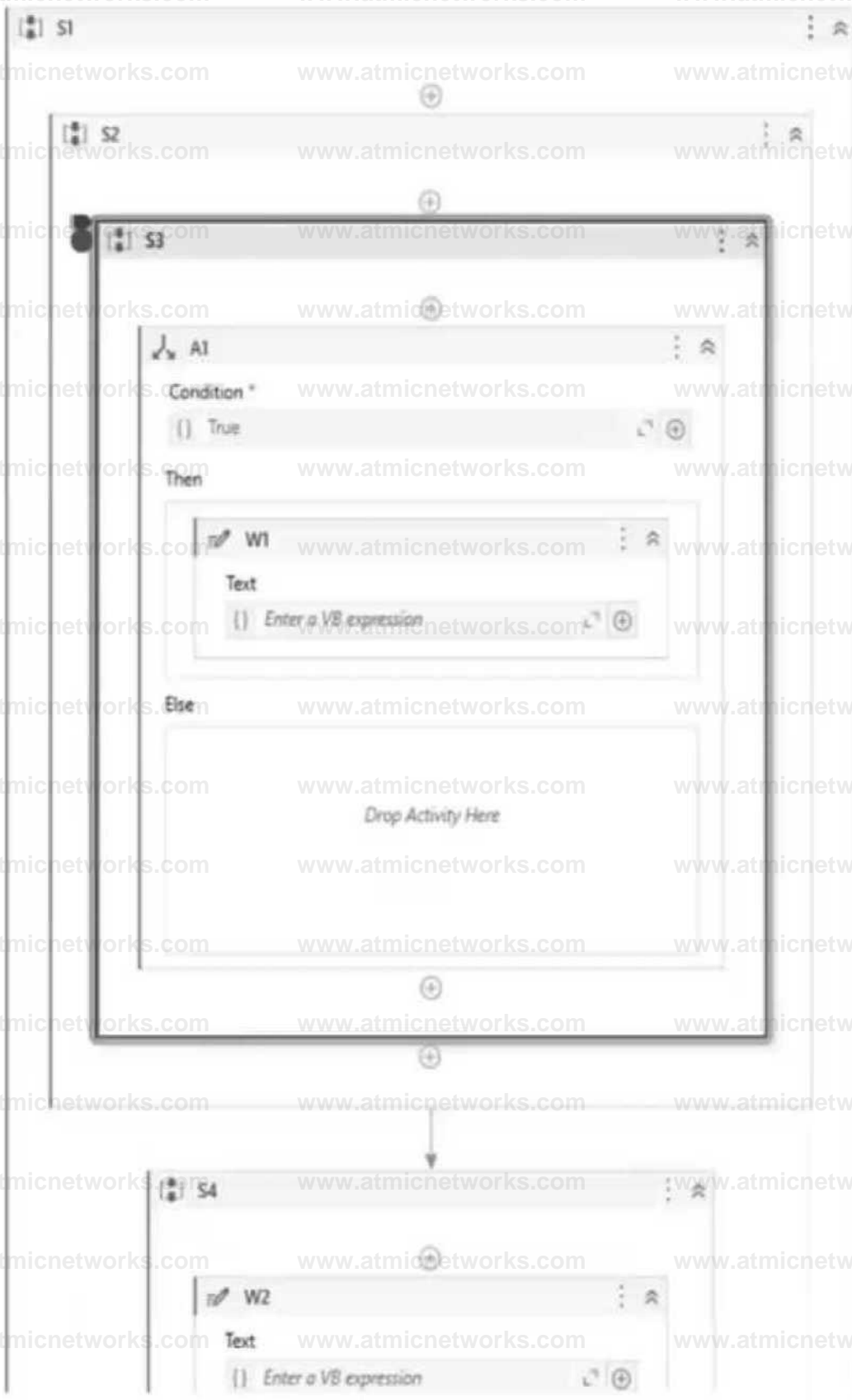
filtering these children according to specified criteria. Therefore, the correct answer is D.

Reference:

UiPath Activities Guide: Find Children

Question: 227

When a developer is examining a suspended state upon reaching a breakpoint, which activity will the Executor be directed to if Step Out is selected from the Debug section in UiPath Studio's ribbon interface?



A. W1

B. S1

C. A1

D. S2

Answer: B

Explanation:

When a developer selects "Step Out" from the Debug section in UiPath Studio's ribbon interface while examining a suspended state upon reaching a breakpoint, the executor will be directed to the activity that called the current container (or the next activity in the higher scope). In the context of the provided sequence structure, stepping out from A1 (assuming that's where the breakpoint is) would go to the next higher scope, which is S2, as it is the sequence that contains A1. Therefore, the correct answer is D (S2 in the image).

Reference:

UiPath Studio Guide: Debugging Actions

Question: 228

How can a user change the profile from UiPath Studio to UiPath StudioX from the backstage view?

A. By going to Home - Settings - Design - Change profile and clicking on the UiPath StudioX profile, then clicking "Yes" when prompted to restart the application.

B. By going to Home - Tools - Design - Change profile and clicking on the UiPath StudioX profile, then clicking "Yes" when prompted to restart the application.

C. By going to Home - Settings - License and profile - Change profile and clicking on the UiPath StudioX profile, then clicking "Yes" when prompted to restart the application.

D. By going to Home - Settings - Locations - Change profile and clicking on the UiPath StudioX profile, then clicking "Yes" when prompted to restart the application.

Answer: C

Explanation:

To change the profile from UiPath Studio to UiPath StudioX, a user needs to go to Home, then Settings, select License and Profile, choose Change Profile, and click on the UiPath StudioX profile. After that, the user must confirm the profile change and agree to restart the application for the changes to take effect. Thus, the correct answer is C.

Reference:

[UiPath Studio Guide: Switching Between Profiles](#)

Question: 229

DRAG DROP

A developer aims to set up a single Click activity that can click on all menu items within the Notepad application's Menu Bar.

Certification.txt - Notepad

[File Edit Format View Help

Referring to the exhibit, what is the proper order of steps to update the dynamic variable?

Instructions: Drag the Description found on the left and drop on the correct Step Sequence found on the right.

Description

From the context menu, choose to "Use Variable" and specify the name for the new variable in the "Variable Name" field as MenuOption.

Indicate the element "File" from the Menu Bar in Notepad.

Click the Validate button in the Selection Options window.

Select and right-click the File property of the name attribute.

Step Sequence

Step 1

Step 2

Step 3

Step 4

Answer:

Explanation:

STEP 1: Indicate the element "File" from the Menu Bar in Notepad.

STEP 2: Select and right-click the File property of the name attribute.

STEP 3: From the context menu, choose to "Use Variable" and specify the name for the new variable in the "Variable Name" field as MenuOption.

STEP 4: Click the Validate button in the Selection Options window.

Step Sequence

Step 1

Indicate the element "File" from the Menu Bar in Notepad.

Step 2

Select and right-click the File property of the name attribute.

Step 3

From the context menu, choose to "Use Variable" and specify the name for the new variable in the "Variable Name" field as MenuOption.

Step 4

Click the Validate button in the Selection Options window.

Question: 230

Which activity is best suited for a developer to create a process that finds images on a website and stores them in a local folder, accounting for the need to potentially search for

an image repeatedly due to errors on the website?

A. Get Attribute

B. Check App State

C. Retry Scope

D. Delay

Answer: C

Explanation:

For a process that involves finding images on a website and storing them, especially when accounting for potential errors on the website that may require repeated attempts, the "Retry Scope" activity is the best choice. This activity allows for the specification of a number of retries and a condition that must be met for the retry to occur. If the image is not found or if there is an error during the process, the "Retry Scope" will attempt the operation again as specified by the developer.

Reference:

UiPath Activities Guide: Retry Scope

Question: 231

What is an advantage of utilizing UiPath Orchestrator queues?

- A. Capability to modify the retry count at the queue level after its creation.
- B. Capability to track the status of Queue Items.
- C. Allows several robots to handle the same Queue Item simultaneously.
- D. Guarantees each queue is exclusively processed by a single robot, by default.

Answer: B

Explanation:

One of the key advantages of using UiPath Orchestrator queues is the ability to track the status of Queue Items. This feature allows for monitoring the progress of items as they are processed by robots, including whether they are new, in progress, successful, failed, or retried, among other statuses.

Reference:

UiPath Orchestrator Guide: About Queues and Transactions

Question: 232

In order to make the selector specifically target the "First Name" text field during runtime, the developer needs to select one additional Property checkbox from the

Unselected Items column in the UI Explorer.

Which is the additional Property checkbox in the following UI Explorer "Unselected Items" column that should be used for the First Name text field.

Website

RPA Challenge

Email <input type="text"/>	Role in Company <input type="text"/>
Company Name <input type="text"/>	First Name <input type="text"/>
Last Name <input type="text"/>	Phone Number <input type="text"/>
Address <input type="text"/>	
<input type="button" value="SUBMIT"/>	

UI Explorer

Selector Editor

- class ng-untouched ng-
- css-selector body>app-root>
- id choXw
- isleaf 1
- name choXw
- parentclass ng-untouched ng-
- tag INPUT
- title Rpa Challenge

Unselected Items

```

<html app='msedge.exe' title='Rpa Challenge' />
<webctrl aaname='First Name' tag='LABEL' />
<nav up='1' />
<webctrl class='ng-untouched ng-pristine ng-invalid' parentclass='ng-untouched ng-pristine ng-invalid' />

```

A. tag

B. id

C. isleaf

D. name

Answer: B

Explanation:

To make a selector specifically target the "First Name" text field during runtime in the UI Explorer, the property that uniquely identifies the "First Name" field should be used. Based on the information

provided, the most suitable property to use is the "id" as it is likely to be unique for each field in a form, which helps in precisely identifying the UI element.

Reference:

UiPath Studio Guide: Selectors

Question: 233

What are the components of a process?

- A. Procedures, Dependencies, Variations, Resources.
- B. Compliance, Operational Needs, Risk Management, Improvement.
- C. Inputs, Process Flows, Source Applications, Outputs.
- D. Technical Skills, Business Processes, Decision Points.

Answer: C

Explanation:

The components of a process typically include "Inputs, Process Flows, Source Applications, Outputs". This refers to what the process takes as input (data/files), the sequence of steps or activities that define the process (process flows), the applications involved in the process (source applications), and what the process produces or affects (outputs).

Reference:

UiPath Studio Guide: Project Organization Best Practices

Question: 234

A developer has created an automation that utilizes an Asset value from Orchestrator with the Get Asset activity. This value represents the email addresses of the process owners, which are subject to change.

What Asset type is most suitable for this situation?

- A. Integer
- B. Bool
- C. Text
- D. Credential

Answer: C

Explanation:

In the context of an automation that utilizes Asset values from Orchestrator representing email addresses, the most suitable Asset type is "Text". The "Text" type allows for the storage of string values, which is appropriate for email addresses. Other types like Integer, Bool, and Credential are not suitable for storing email addresses.

Reference:

UiPath Orchestrator Guide: About Assets

Question: 235

A variable should be created and used for storing one or multiple IDs. The collection of IDs can be updated

during the execution of the robot by adding elements. Which should be the data type of this variable, taking into account that each of the IDs has the following format: XX-XX-XX (where X is a digit)?

- A. List<Int32>
- B. List<String>
- C. String
- D. String[]

Answer: B

Explanation:

For storing one or multiple IDs with the format XX-XX-XX (where X is a digit) and allowing for updates during execution, the appropriate data type is List<String>. This is because you need a collection that can dynamically expand as more IDs are added, and the IDs are in a string format due to the inclusion of the hyphen characters.

Reference:

UiPath Studio Guide: The Main Data Types in Studio

Question: 236

A developer has designed an automation workflow which comprises:

1. Mam xaml file

J Mair Sequence ©

> SuperMadulxaml Invoke Workflow He • † Wkxtflow filename • SuperMarket^mf Q

† (*) Fruits

Data Type	String	*
-----------	--------	---

Import Argument! 1 Open Workflow

| ■ Log Meuege

• ft

Log Level Into

* 9

Menage Hets

2. Variables panel in the Main.xaml file:

Data Manager

* 9

©N« S 9 O g: 2 V

P Storch Oota

v Variables

© New Vanable

3 Main xaml file invokes the SuperMarket workflow using the following argument:

invoked workflow s arguments			
Name	Direction	Type	Value
io.ShoppingBasket In/Out		String	Fruits

OK Cancel

4 Detailed SuperMarket sequence and right-hand side expression shown below

*• Assign Shopping Basket

•o.ShopptngBaskei = io_Shoppmg8a\$kei

Expression Editor	
	? D

Scope

Main

Default Value "Pieces. Strawberries"

Set value (String)

1 |io_ShoppingBasket ◆ ", Oranges*

OK Cancel

Based on the information shown in the exhibits, what is the output of the Write Line activity in the "Main.xaml" file?

A. Pieces, Strawberries, Oranges

B. Oranges

C. , Oranges

D. Pieces, Strawberries

Answer: A

Explanation:

Based on the information from the exhibits, the "Main.xaml" file has a variable Fruits with a default value "Pieces, Strawberries". This variable is passed as an in/out argument io_ShoppingBasket to the "SuperMarket.xaml" workflow. Inside the "SuperMarket.xaml" workflow, "Oranges" is appended to io_ShoppingBasket. Since io_ShoppingBasket is an in/out argument, the value of Fruits in the "Main.xaml" file will be updated to "Pieces, Strawberries, Oranges". Therefore, the output of the Write Line activity in the "Main.xaml" file will be "Pieces, Strawberries, Oranges".

Reference:

UiPath Studio Guide: Arguments

Question: 237

In the case of accidentally starting a process from UiPath Assistant, where should the user manually terminate the execution?

- A. The user should end the execution by terminating the UiPath Robot service from the Task Manager.
- B. The user should end the execution from the "Home" tab and locate the running process associated with the execution.
- C. The user should end the execution by closing the UiPath Assistant application.
- D. The user should end the execution from the "Jobs" tab in UiPath Assistant.

Answer: D

Explanation:

If a process is accidentally started from UiPath Assistant, the user should manually terminate the execution from the "Jobs" tab in UiPath Assistant. This tab shows the list of running processes, where the user can stop the unintended process.

Reference:

UiPath Assistant Guide: Managing Jobs

Question: 238

Which of the following statements correctly describes the characteristics of Unattended Automation?

- A. Unattended Automations are automations that run under human supervision and are typically used for

tasks requiring a clear audit chain.

B. Unattended Automations are automations intended for more complex and highly repetitive tasks, usually performed in batches, and can be decided based on predefined rules.

C. Unattended Automations are intended for smaller, fragmented tasks and run with user supervision, requiring the user's credentials for access.

D. Unattended Automation are automations that run under human supervision and, because of this, are best suited for small tasks.

Answer: B

Explanation:

Unattended Automations are intended for complex, highly repetitive tasks that are usually performed in batches. They can operate without human supervision and decisions can be made based on predefined rules.

These tasks can run on virtual environments and do not require human input once started.

Reference:

UiPath Studio Guide: Unattended Automation

Question: 239

A developer has stored a birth date in a String variable and must input this value into a custom form.

The developer must ensure the date format corresponds to the accepted

input format.

Which method or activity is best suited to validate the format?

A. RegEx Check Activity

B. Is Match Activity

C. String.Equals() Method

D. String.Contains() Method

Answer: B

Explanation:

The "Is Match Activity" is best suited to validate the format of a date stored in a string variable. This activity uses regular expressions (RegEx) to check if the string matches a specific pattern, which in this case would be the date format required by the custom form.

Reference:

UiPath Studio Guide: Is Match Activity

Question: 240

What is a valid way to install a custom activity package in UiPath Studio?

A. Double-click on the activity in the "Activities" panel of UiPath Studio.

B. Search for the package in the UiPath Marketplace and then manually install it.

C. Download the package from an external source and drag it into UiPath Studio.

D. Go to Package Manager, click on "All Packages," search for the package, and click "Install".

Answer: D

Explanation:

A valid way to install a custom activity package in UiPath Studio is to go to the Package Manager, click on "All Packages," search for the package you want to install, and click "Install". This allows you to add custom activities to your project from the managed packages available.

Reference:

UiPath Studio Guide: Managing Activities Packages

Question: 241

Which of the following activities can be used to get the state of a button (enabled/disabled)?

A. Get Attribute

B. Check App State

C. Find Element

D. Get Text

Answer: A

Explanation:

The "Get Attribute" activity can be used to get the state of a button (enabled/disabled). This activity retrieves the value of a specified attribute of a UI element, and the "enabled" attribute can be used to determine if a button is currently enabled or disabled.

Reference:

Question: 242

Which is the recommended variable type for storing password values that are composed solely of numbers?

- A. SecureString
- B. Int32
- C. String
- D. Int64

Answer: A

Explanation:

The recommended variable type for storing password values, even if they are composed solely of numbers, is SecureString. A SecureString is designed to provide a more secure way to handle sensitive information as it keeps the data encrypted in memory, making it less vulnerable to potential risks such as memory dumps compared to regular string types.

Reference:

UiPath Activities Guide: SecureString Activities

Question: 243

A developer needs to create an unattended automation process that extracts the information from emails from a centralized mailbox. The developer needs to use the mail

folder, port, server, username, and password values, with no email client accessible on the unattended machine.

Which activity should the developer use to fetch unread emails with the subject "Email for Robot"

- A. Save Mail Message
- B. Get Outlook Mail Messages
- C. Save Outlook Mail Message
- D. Get IMAP Mail Messages

Answer: D

Explanation:

For an unattended automation process that extracts information from emails on an unattended machine without an email client, the "Get IMAP Mail Messages" activity should be used. This activity allows the developer to fetch emails from an IMAP server using the mail folder, port, server, username, and password, which are suitable for scenarios where email clients are not accessible. Reference:

UiPath Activities Guide: Get IMAP Mail Messages

Question: 244

The "DataTable_Users" variable of the data table type contains the following columns: "First Name". "Last Name", "Date of Birth", and "Username".

How can the argument "in_UserName" from "BuildUserID.xaml" be mapped to the appropriate values in "Main.xaml"?

The screenshot shows a workflow editor with a 'BuildUserDaam - Invoke Workflow File' dialog box open. The dialog box has a 'Workflow file name' field containing 'BuildUserDaam' and an 'Import Arguments' button. Below the dialog box, a table lists variables for 'Sequence 2':

Name	Variable type	Scope	Default
DataTable_Users	DataTable	Sequence 2	Enter a VB expression
UserID	String	Sequence 2	Enter a VB expression
UserNames	String[]	Sequence 2	Enter a VB expression

At the top of the image, another dialog box titled 'Invoked workflow's arguments' is visible, showing the following table:

Name	Direction	Type	Value
in_UserName	In	String	Enter a VB expression
out_UserID	Out	String	Enter a VB expression

A. `CurrentRow("Username").ToString`

B. `DataTable_Users("Username").ToString`

C. `UserID`

D. `Usernames`

Answer: A

Explanation:

The argument "in_UserName" from "BuildUserID.xaml" should be mapped to the "Username" column of the current row in the "DataTable_Users" data table. The correct expression for accessing this value is

CurrentRow("Username").ToString, which converts the value in the "Username" column of the current row to a string suitable for the argument.

Reference:

UiPath Studio Guide: The Variables Panel

Question: 245

At a minimum, what are the recommended properties a developer should configure to use the Get IMAP Mail Messages activity?

- A. MailFolder, Port, Server, Email, and Output Messages.
- B. Account, MailFolder, and Output Messages.
- C. To, Subject, Body, Port, Server, Email, Password or SecurePassword, and Name.
- D. MailFolder, Port, Server, Email, Password or SecurePassword, and Messages.

Answer: D

Explanation:

When using the "Get IMAP Mail Messages" activity, the minimum recommended properties to configure are: MailFolder (to specify the folder from which to retrieve the mails), Port (to specify the port used by the IMAP server), Server (the address of the IMAP server), Email (the email address to

connect to), Password or SecurePassword (the password used to connect to the email account), and Messages (the output property where the retrieved emails will be stored).

Reference:

UiPath Activities Guide: Get IMAP Mail Messages Properties

Question: 246

A developer stores value "25.11" in a String variable called "InvoiceTotal". Which expression should be used to convert "InvoiceTotal" to a numeric format with the decimals

included?

A. `String.ToNumeric(Invoice Total)`

B. `Clnt(Invoice Total)`

C. `Invoice Total.IsNumeric`

D. `Double.Parse(InvoiceTotal)`

Answer: D

Explanation:

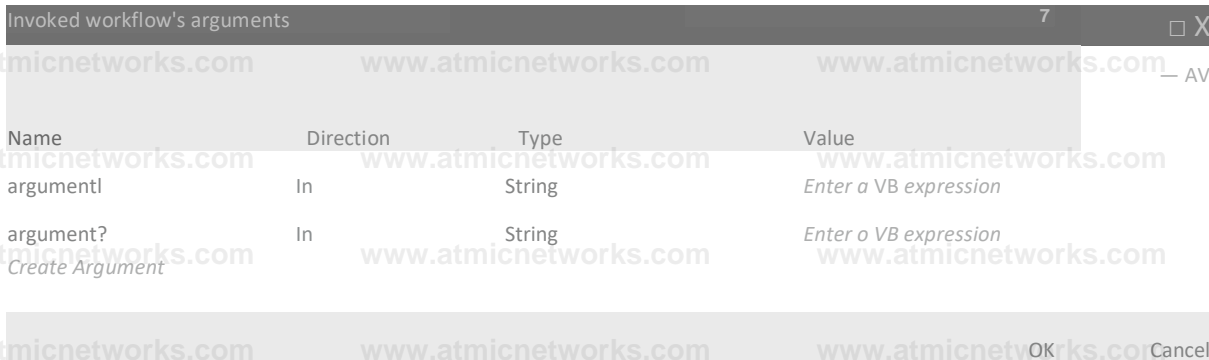
To convert a string variable "InvoiceTotal" to a numeric format that includes decimals, the expression `Double.Parse(InvoiceTotal)` should be used. This method converts the string representation of a number in a specified style and culture-specific format to its double-precision floating-point number equivalent.

Reference:

Microsoft .NET Documentation: Double.Parse Method

Question: 247

When using Invoke Workflow File, in the import arguments panel, what types of expressions can be used in the value column?



- A. In arguments can be given Hard-coded values or variables. In/out and out arguments can only be given variables.
- B. In arguments can only be given Hard-coded values. In/out and out arguments can only be given variables.
- C. In/out and out arguments can be given Hard-coded values or variables. In arguments can only be given variables.
- D. Only variables can be configured for all types of arguments.

Answer: A

Explanation:

In the Import Arguments panel of the Invoke Workflow File activity, in arguments can be given either hard-coded values or variables. In contrast, in/out and out arguments can only be given variables. This is because in/out and out arguments are designed to return data, so they need to be stored in variables to capture any changes made during the invoked workflow execution.

Reference:

UiPath Studio Guide: Invoking Workflows and Managing Arguments

Question: 248

In which stage of the UiPath implementation model are the chosen processes analyzed in their AS-IS state?

A. Process Analysis

B. Development

C. Kick-Off

D. Solution Design

Answer: A

Explanation:

In the UiPath implementation model, the stage where the chosen processes are analyzed in their ASIS state is during the "Process Analysis" phase. This phase involves understanding the current state of the processes to be automated, identifying their challenges, and determining the requirements for the automation solution.

Reference:

Question: 249

DRAG DROP

What is the correct sequence of steps to perform when trying to pass and get data from an invoked workflow in Main.xaml?

Instructions: Drag the Description found on the left and drop on the correct Step Sequence found on the right.

Description

- Open the workflow file and create the arguments.
- Pass the values of the arguments to/from the variables in the Main.xaml file
- Create the workflow file.
- Invoke the workflow file in the Main.xaml file and click Import Arguments.

- Step 1
- Step 2
- Step 3
- Step 4

Step Sequence

Answer:

Explanation:

Step.Je.quenc»

- | | |
|--------|---|
| Step 1 | Create the workflow file |
| Step 2 | Open the workflow file and create the arguments |
| Step 3 | Invoke the workflow file in the Main xami file and click Import Arguments |
| Step 4 | Pass the values of the arguments from the variables in the Main xami file |

Question: 250

In a process, a variable called "Timestamp" of type Date Time is used. The developer wants to print in the Output panel the variable in the format "yyyy-MM-dd hh:mm". Which expression should be used to display the value?

- A. `Timestamp.ToString("yyyy-MM-dd hh:mm")`
- B. `Timestamp.ToDateTime("yyyy-MM-dd hh:mm")`
- C. `Timestamp.CompareTo("yyyy-MM-dd hh:mm")`
- D. `Timestamp.ToString("yyyy MM dd hh mm")`

Answer: A

Explanation:

To display the value of a DateTime variable in a specific format, the ToString method should be used with the format specified as a string argument. The correct expression for the "Timestamp" variable to display it in the format "yyyy-MM-dd hh:mm" is `Timestamp.ToString("yyyy-MM-dd hh:mm")`.

Reference:

Microsoft .NET Documentation: [DateTime.ToString Method](#)

Question: 251

What types of authentication are supported by Connector Builder for Integration Service?

- A. OAuth 2.0 Authorization Code, OAuth 2.0 Client Credentials, SSL, OAuth 2.0 Implicit Grant, LDAP, RADIUS.
- B. OAuth 2.0 Authorization Code, OAuth 2.0 Authorization code with PKCE, OAuth 2.0 Client Credentials, Basic, API Key, Personal Access Token (PAT), No Authentication.
- C. OAuth 2.0 Authorization Code, OAuth 2.0 Authorization code with PKCE, Basic, Windows Authentication, API Key, Kerberos.
- D. OAuth 1.0, OAuth 2.0 Authorization Code, OAuth 2.0 Client Credentials, SAML, JWT, Lightweight Directory Access Protocol.

Answer: B

Explanation:

The types of authentication supported by Connector Builder for Integration Service include various OAuth 2.0 flows, Basic authentication, API Key, and Personal Access Token (PAT). The correct option that lists these authentication types is B, which includes OAuth 2.0 Authorization Code, OAuth 2.0 Authorization code with PKCE (Proof Key for Code Exchange), OAuth 2.0 Client Credentials, Basic, API Key, and Personal Access Token (PAT), along with No Authentication.

Reference:

UiPath Integration Service Documentation: Authentication Types in Integration Service

Question: 252

Which option from the UiPath Studio backstage view prohibits debugging projects with Workflow Analyzer errors?

A. Enforce Analyzer before remote execution.

B. Enforce Analyzer before Push/Check-in.

C. Enforce Analyzer before Publish,

D. Enforce Analyzer before Run.

Answer: D

Explanation:

In UiPath Studio, the option that prohibits debugging projects with Workflow Analyzer errors is "Enforce Analyzer before Run." When this option is enabled in the backstage view, the Workflow Analyzer runs before the execution of the project, and if there are errors, the project will not run.

Reference:

UiPath Studio Guide: Workflow Analyzer

Question: 253

A process workflow contains a Try Catch activity that is designed to catch and stop when any unknown System Exceptions occur. What would be the recommended Log Level for the Log Message contained in the System Exception block?

A. Info

B. Warn

C. Fatal

D. Error

Answer: C

Explanation:

The recommended Log Level for the Log Message activity that is contained within the System Exception block of a Try Catch activity designed to catch and stop for any unknown System Exceptions is "Fatal." This level is used to indicate that a critical error has occurred, typically one that leads to a termination of the application.

Reference:

UiPath Studio Guide: Logging Levels