



UiPath

Exam Questions UiPath-ADAv1

UiPath Automation Developer Associate v1 Exam

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NEW QUESTION 1

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

Number1	Number2	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	Number2	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. 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.

NEW QUESTION 2

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.

NEW QUESTION 3

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.

NEW QUESTION 4

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
9		8 mango	15

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

- A. `dt.AsEnumerabl`
- B. `GroupBy(Function(x)x("Item"). ToString). Max(Function(x)x.Sum(Function(y) Convert.ToInt32(y("Quantity").ToString)))`
- C. `dt.AsEnumerabl`
- D. `Max(Function(x) Conver`
- E. `ToInt32(x("Quantity"). ToString))`
- F. `dt.AsEnumerabl`
- G. `Max(Function(x) Convert.ToInt32(x("Quantity"). ToString))("Item")`
- H. `dt.AsEnumerabl`
- I. `OrderByDescending(Function(x) Conver`
- J. `ToInt32(x("Quantity").ToString)). First.Item("Quantity")`

Answer: A

Explanation:

This LINQ query is used to group the rows in the table by the "Item" column and then find the maximum sum of the "Quantity" column for each group. The result will be the maximum total quantity for any item in the table. (UiPath Studio documentation¹)

References:

? 1: LINQ Queries - UiPath Activities.

NEW QUESTION 5

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.

References:

? Mock Testing documentation from UiPath

? Create Mocks documentation from UiPath

? Feature request: Allow to rename Mock files forum post from UiPath Community

NEW QUESTION 6

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	Step Sequence
Open the ProcessPurchaseOrders.xaml file and create the arguments	Step 1
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

- A. Mastered
- B. Not Mastered

Answer: A

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>

NEW QUESTION 7

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. References:

? 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

NEW QUESTION 8

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

NEW QUESTION 9

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

NEW QUESTION 10

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.

References:

? UiPath Community 2021.10 Stable Release - UIAutomation.

? Capture Elements for Object Repository - UiPath Community Forum.

NEW QUESTION 10

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

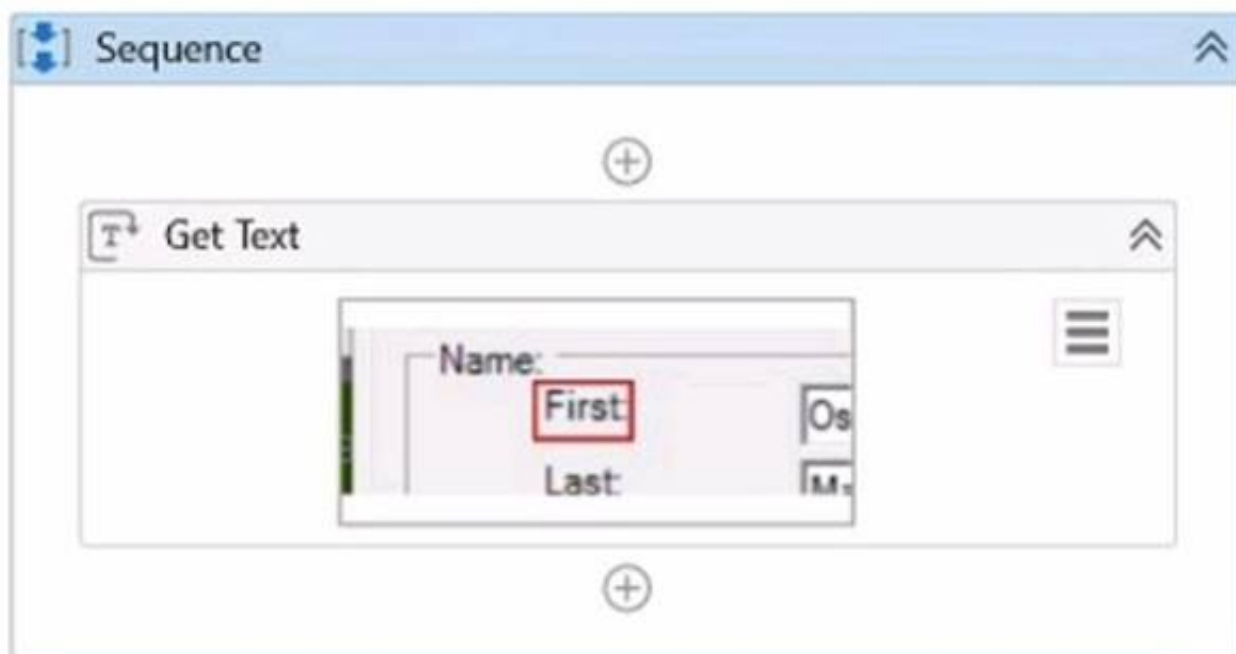
Explanation:

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.

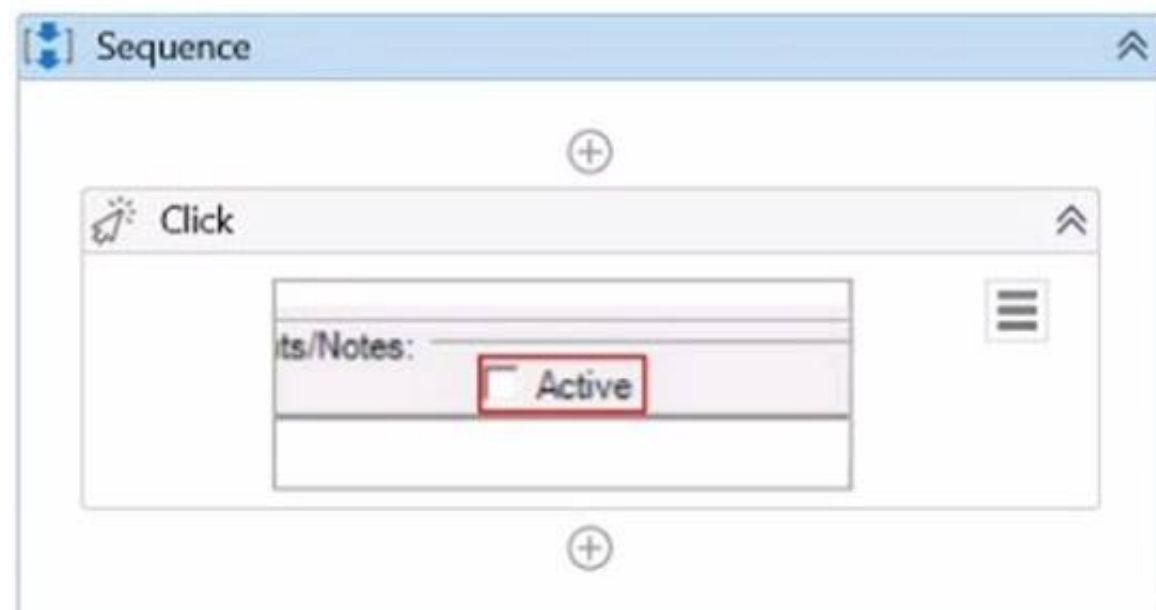
NEW QUESTION 12

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

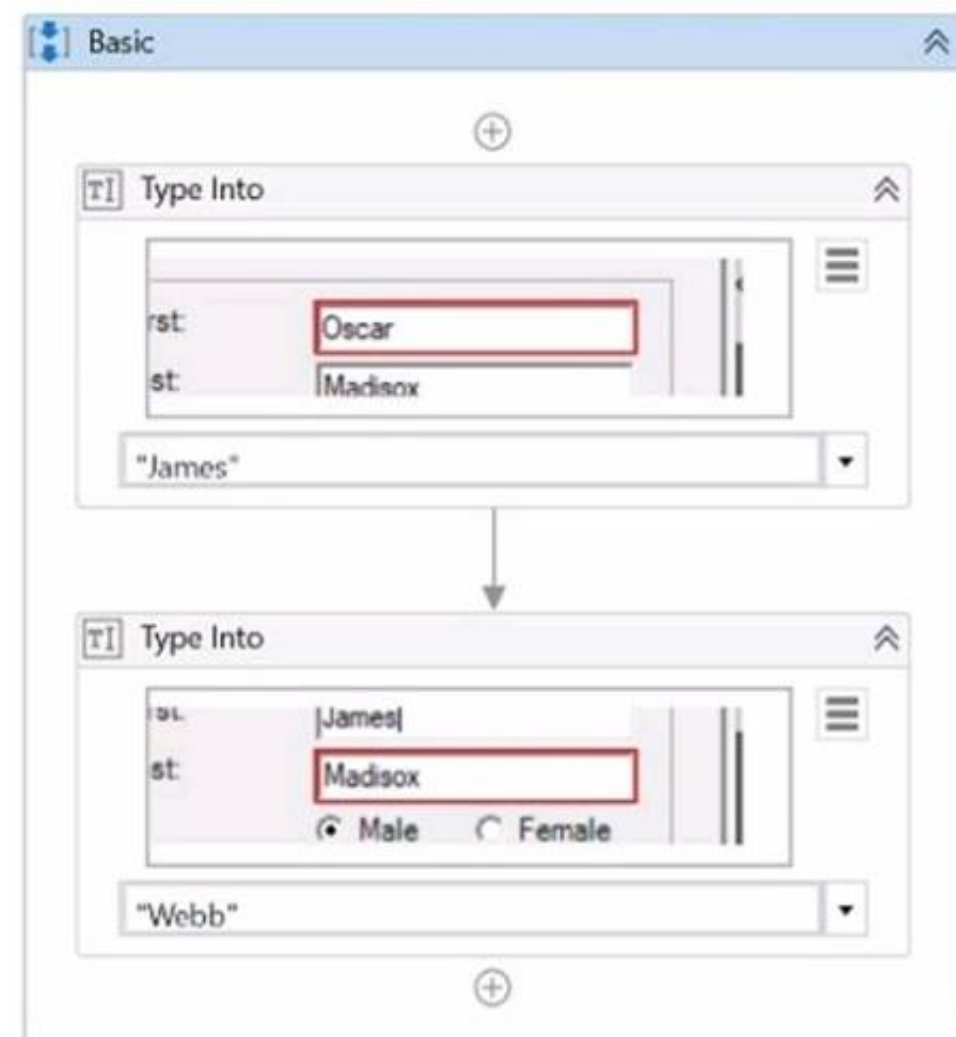
A)



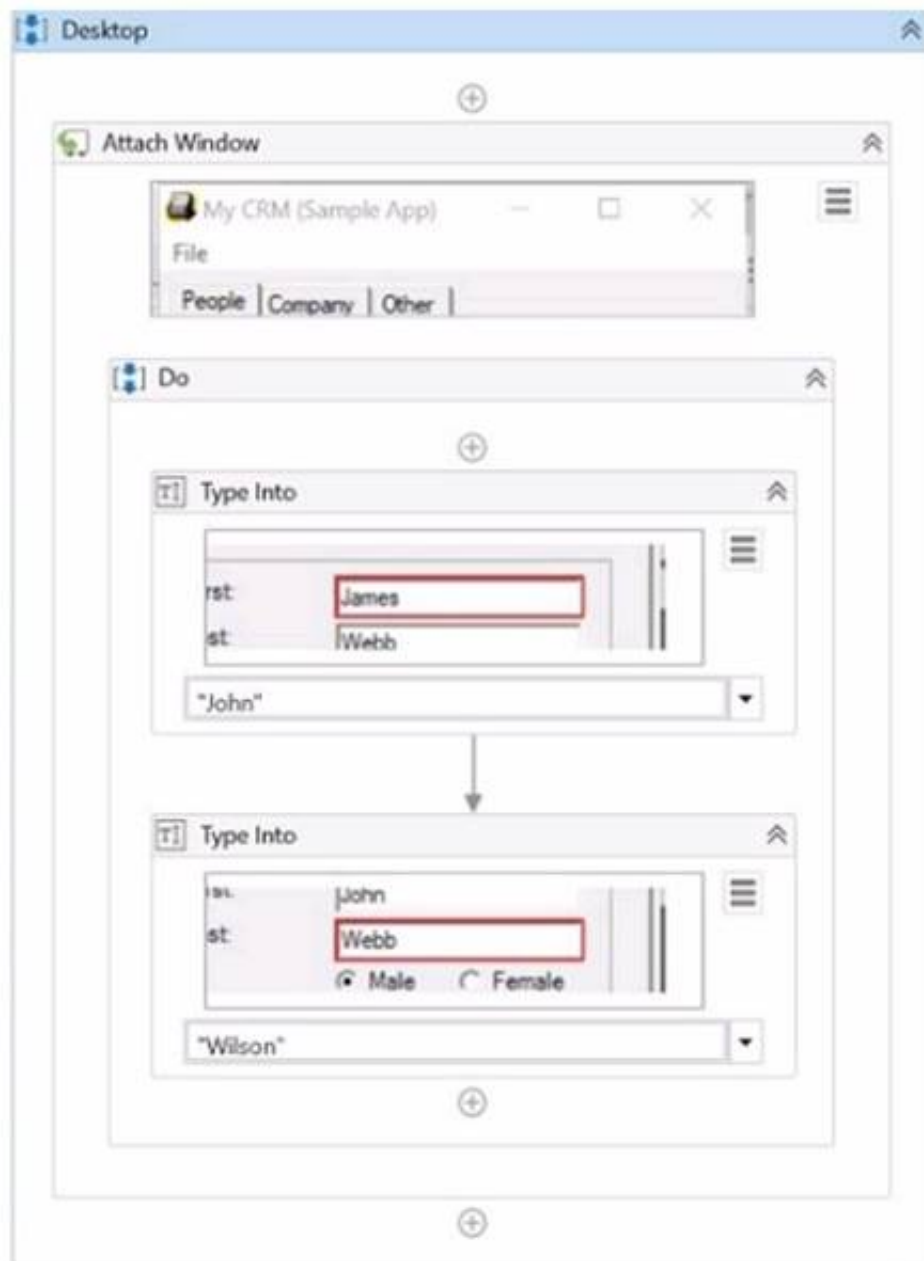
B)



C)



D)



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

NEW QUESTION 14

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 report. 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.

NEW QUESTION 18

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 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. References:

? 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

NEW QUESTION 21

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.

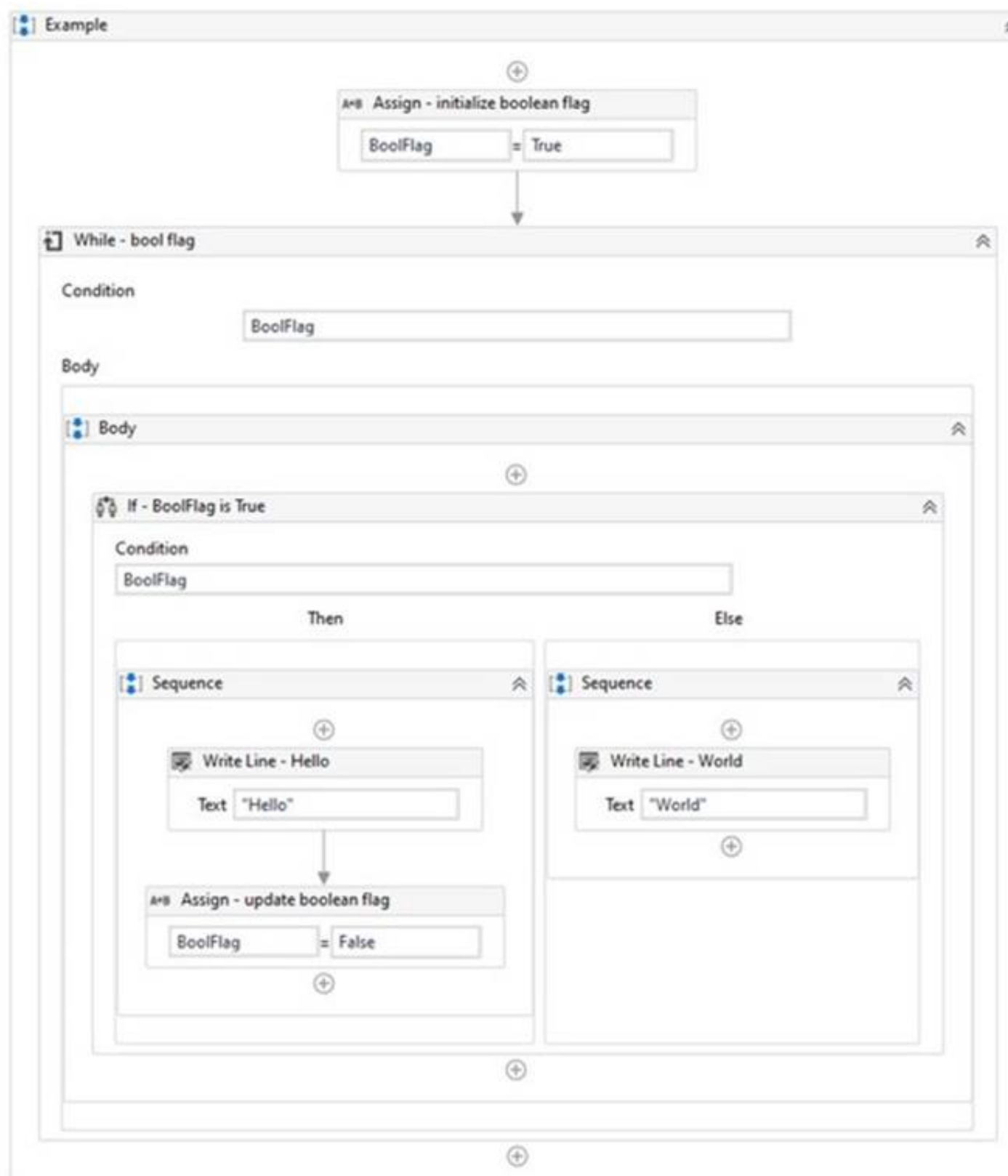
References:

? Introducing UiPath Integration Service | UiPath.

? New UiPath Integration Service | UiPath.

NEW QUESTION 26

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:

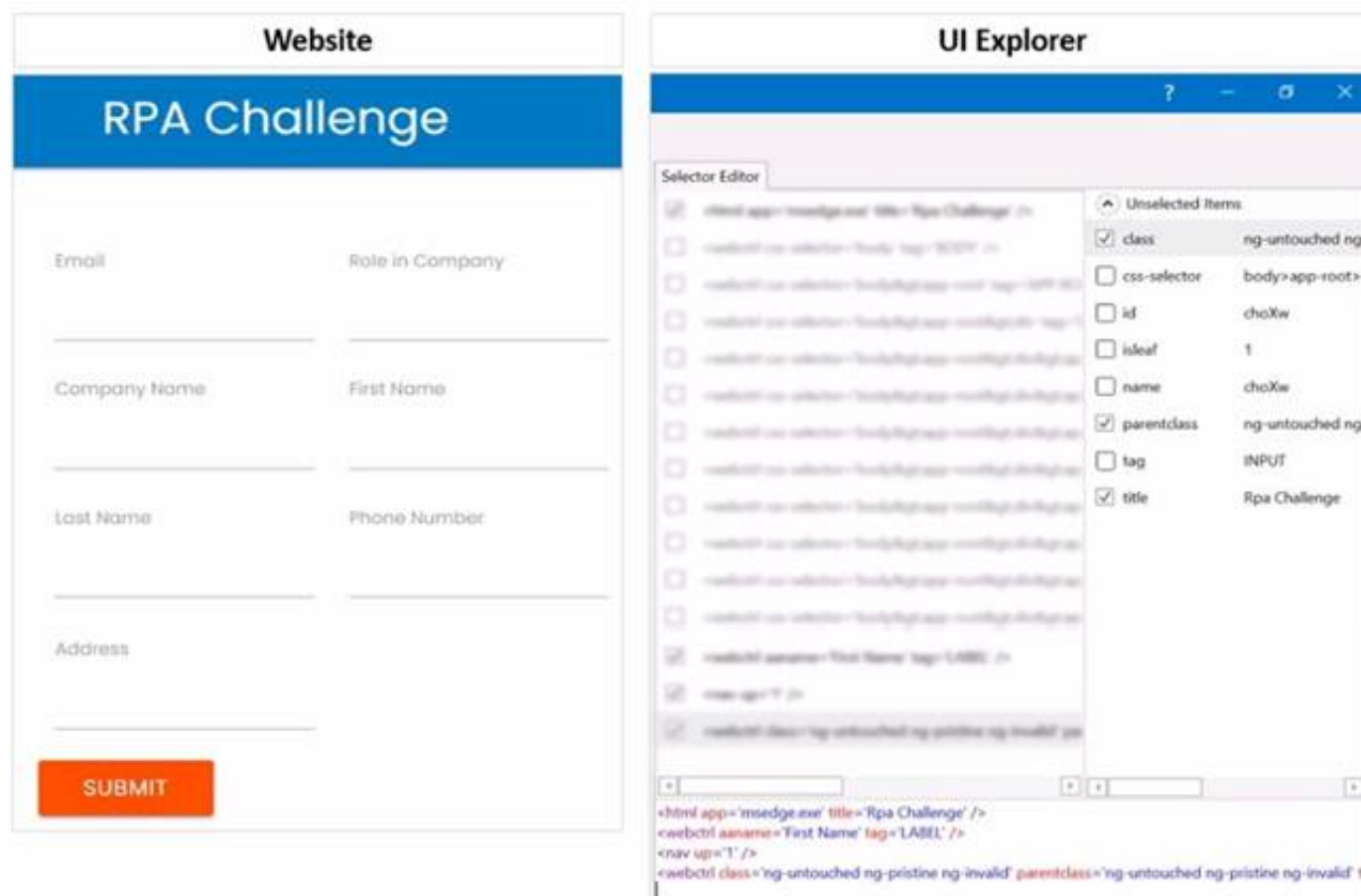
- ? [Assign Activity - UiPath Activities]
- ? [While Activity - UiPath Activities]
- ? [If Activity - UiPath Activities]
- ? [Write Line Activity - UiPath Activities]

NEW QUESTION 28

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.



- A. Mastered
- B. Not Mastered

Answer: A

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>

NEW QUESTION 29

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.

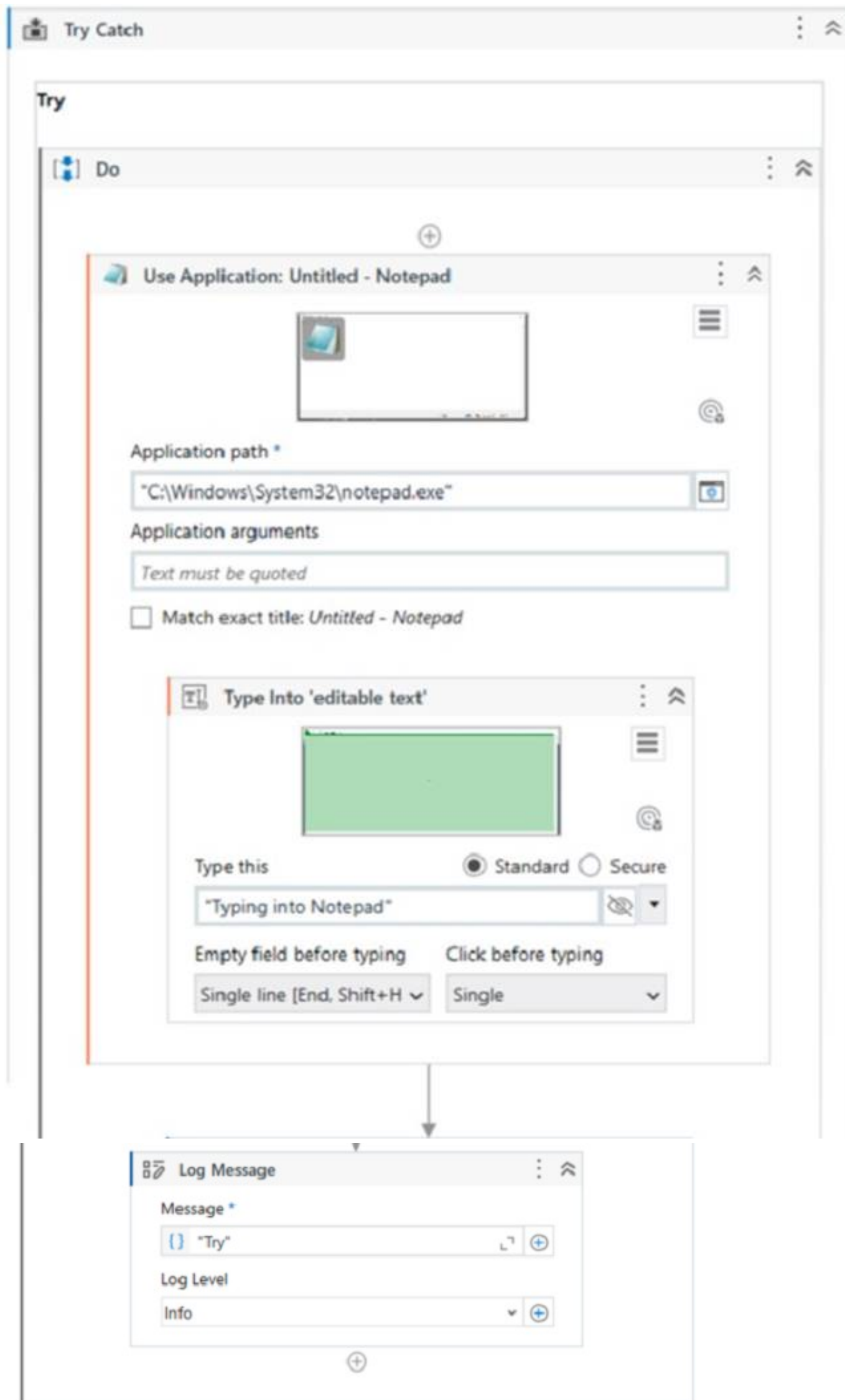
To return four characters starting with the second character, the startIndex should be 1 and the length should be 4. Therefore, the expression should be:

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.

NEW QUESTION 30

Review the following graphics:



The image displays a UiPath workflow diagram within a 'Try Catch' container. The workflow is structured as follows:

- Try** block:
 - Do** loop:
 - Use Application: Untitled - Notepad** activity:
 - Application path: "C:\Windows\System32\notepad.exe"
 - Application arguments: "Text must be quoted"
 - Match exact title: *Untitled - Notepad* (unchecked)
 - Type Into 'editable text'** activity:
 - Type this: "Typing into Notepad" (Standard)
 - Empty field before typing: Single line [End, Shift+H]
 - Click before typing: Single
 - Log Message** activity:
 - Message: "Try"
 - Log Level: Info

SelectorNotFoundException
exception

Log Message
Message *
{"SelectorNotFoundException"}
Log Level
Error

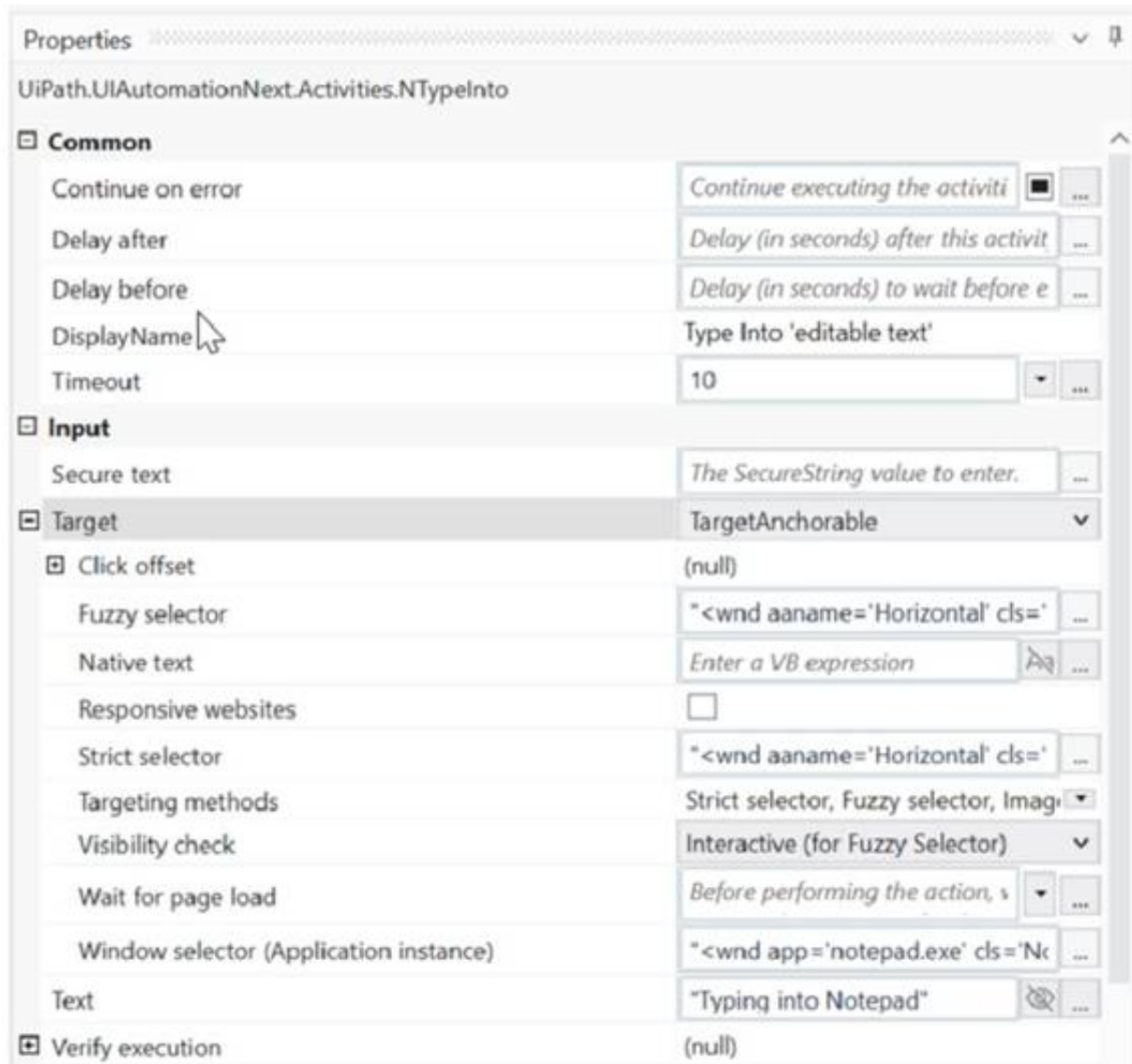
ApplicationNotFoundException
exception

Log Message
Message *
{"ApplicationNotFoundException"}
Log Level
Error

Add new catch

Finally
Drop activity here

Continue on error	Continue executing the activ	<input type="checkbox"/>	...
DisplayName	Use Application: Untitled - Notepad		
Timeout	11		...
Input			
Unified Application Target	TargetApp		
Input/Output Element			
Input element	The Input UI Element defines the		
Output element	Output a UI Element to use in ot		
Misc			
Private	<input type="checkbox"/>		
Options			
Close	NAppCloseMode.Always		...
Input mode	Hardware Events		
Open	NAppOpenMode.Never		...
Resize window	None		
Window attach mode	Application instance		
Options - Browser			
Incognito/private window	Opens the new browser sessi	<input type="checkbox"/>	...
User data folder mode	The user data folder mode y		...
User data folder path	The user data folder that the brc		
WebDriver mode	Indicates how WebDriver is i		...



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.exe1. Therefore, the Log Message text value that is contained in the Output panel is "SelectorNotFoundException", which is option D. References: Open Application documentation.

NEW QUESTION 32

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.

References:

? Add Log Fields documentation, Description section

? Add log field forum post, Answer by @vvaidya

NEW QUESTION 35

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 sequences¹. 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.

NEW QUESTION 36

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.

References:

? Monitoring documentation, Interval Filter section

? UiPath Orchestrator Monitoring video, 2:10 - 2:30

NEW QUESTION 37

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.

NEW QUESTION 39

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

NEW QUESTION 44

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]

NEW QUESTION 47

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 visibility¹. The other activities are not suitable for this purpose.

References:

- ? Background Process Automation documentation, Transitioning a Background Process to Foreground section

NEW QUESTION 48

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	Step Sequence
Click, "Tools" to see "UiPath Extensions"	Step 1
Navigate to "Home"	Step 2
Click, "Enable extension" in the Google Chrome confirmation pop-up	Step 3
Select "Chrome" and then click, "Install"	Step 4

- A. Mastered
- B. Not Mastered

Answer: A

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.

NEW QUESTION 52

How would you define a linear process in UiPath?

- A. The steps of the process repeat multiple times over different data item
- B. However, the automation design is such that each repeatable part processes independently.
- C. The steps of the process are performed multiple times, but each time different data items are used.
- D. 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.
- E. The process steps are performed only once
- F. 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

NEW QUESTION 53

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 value¹. 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.

NEW QUESTION 57

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.

NEW QUESTION 62

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 stopped¹. 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 API². The item can also be deleted manually from the Transactions page, or automatically using the Auto Delete option in the Queue settings³. References: Queue Item Statuses, Changing the abandon status of Queue Transaction, and About Queues and Transactions from UiPath documentation and forum.

NEW QUESTION 64

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.

NEW QUESTION 67

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.

NEW QUESTION 69

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 list1. The modern folders are folders that can have subfolders and support role-based access control2. 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 subfolders3. This filter applies to the Jobs, Queues, Triggers, and Robots pages4. 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>

NEW QUESTION 72

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

NEW QUESTION 74

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.

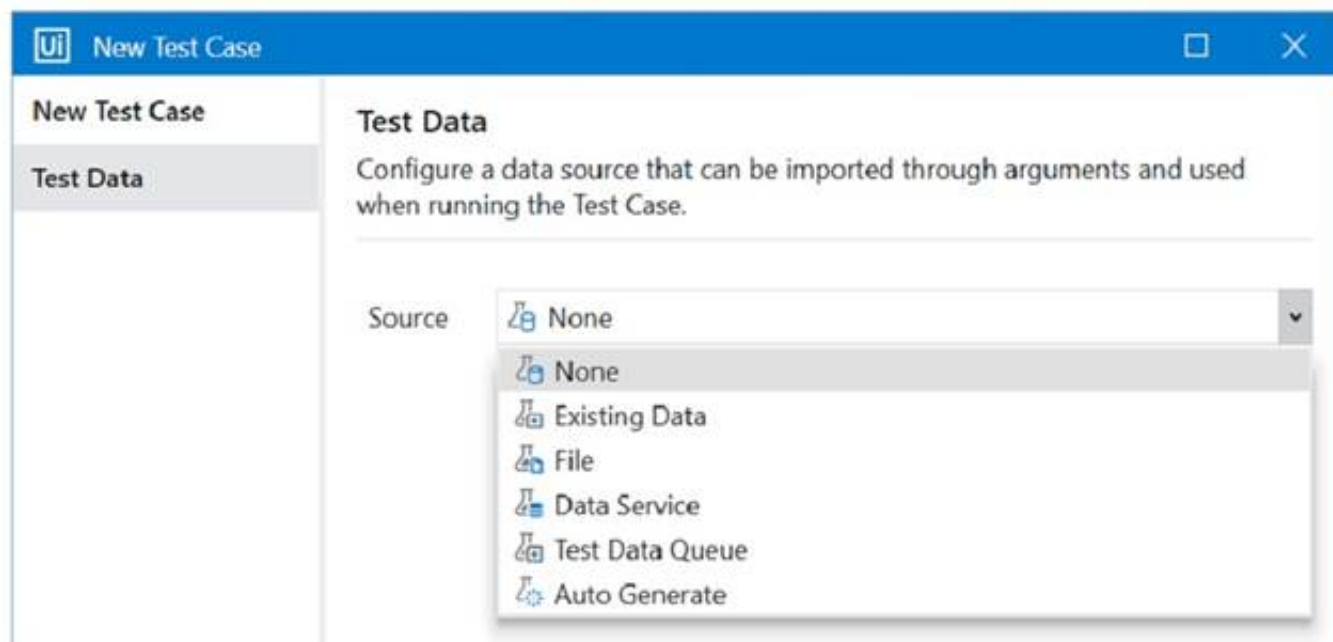
Answer: A

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

NEW QUESTION 77

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. References: Test Cases documentation, New Test Case window description, Updating the test data sets forum post, Data Service documentation.

NEW QUESTION 79

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

NEW QUESTION 80

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.

NEW QUESTION 85

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

NEW QUESTION 90

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 recommendations¹. 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 file². 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.

NEW QUESTION 93

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.Dat
- D. DataTable
- E. System.Data.DataRow[]

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 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.

References:

? 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

NEW QUESTION 94

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.

NEW QUESTION 97

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:

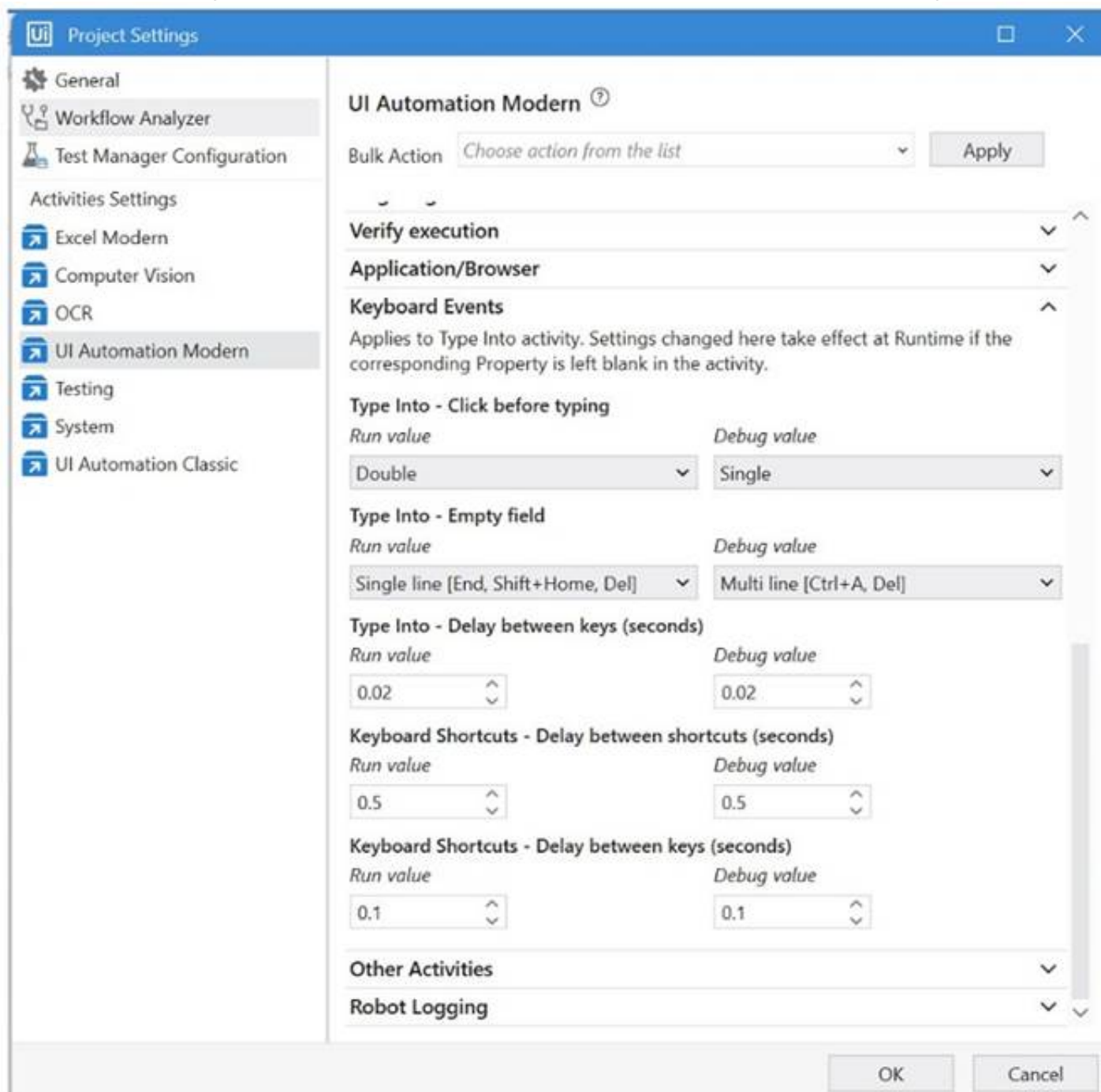
A pre-requisite for running functional test cases in REFramework is to invoke the InitAllSettings XAML file, which initializes the application, reads the configuration file, and sets the log level. This file is invoked in the Init state of the Main XAML file, which is the entry point of the REFramework. 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

NEW QUESTION 100

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 screenshot shows the 'Project Settings' dialog box with the 'UI Automation Modern' tab selected. The settings are as follows:

- Bulk Action:** Choose action from the list (dropdown menu)
- Verify execution:** (dropdown menu)
- Application/Browser:** (dropdown menu)
- Keyboard Events:** Applies to Type Into activity. Settings changed here take effect at Runtime if the corresponding Property is left blank in the activity.
 - Type Into - Click before typing:**
 - Run value: Double (dropdown menu)
 - Debug value: Single (dropdown menu)
 - Type Into - Empty field:**
 - Run value: Single line [End, Shift+Home, Del] (dropdown menu)
 - Debug value: Multi line [Ctrl+A, Del] (dropdown menu)
 - Type Into - Delay between keys (seconds):**
 - Run value: 0.02 (spin box)
 - Debug value: 0.02 (spin box)
 - Keyboard Shortcuts - Delay between shortcuts (seconds):**
 - Run value: 0.5 (spin box)
 - Debug value: 0.5 (spin box)
 - Keyboard Shortcuts - Delay between keys (seconds):**
 - Run value: 0.1 (spin box)
 - Debug value: 0.1 (spin box)
- Other Activities:** (dropdown menu)
- Robot Logging:** (dropdown menu)

Buttons: OK, Cancel

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



Options - Hardware Events / Chromium API	
Activate	True
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.

NEW QUESTION 103

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.Generi
- B. Dictionary
- C. System.Array
- D. Syste
- E. Dat
- F. DataTable
- G. System.Collections.Generic.List

Answer: B

NEW QUESTION 106

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.

NEW QUESTION 111

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.

NEW QUESTION 116

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

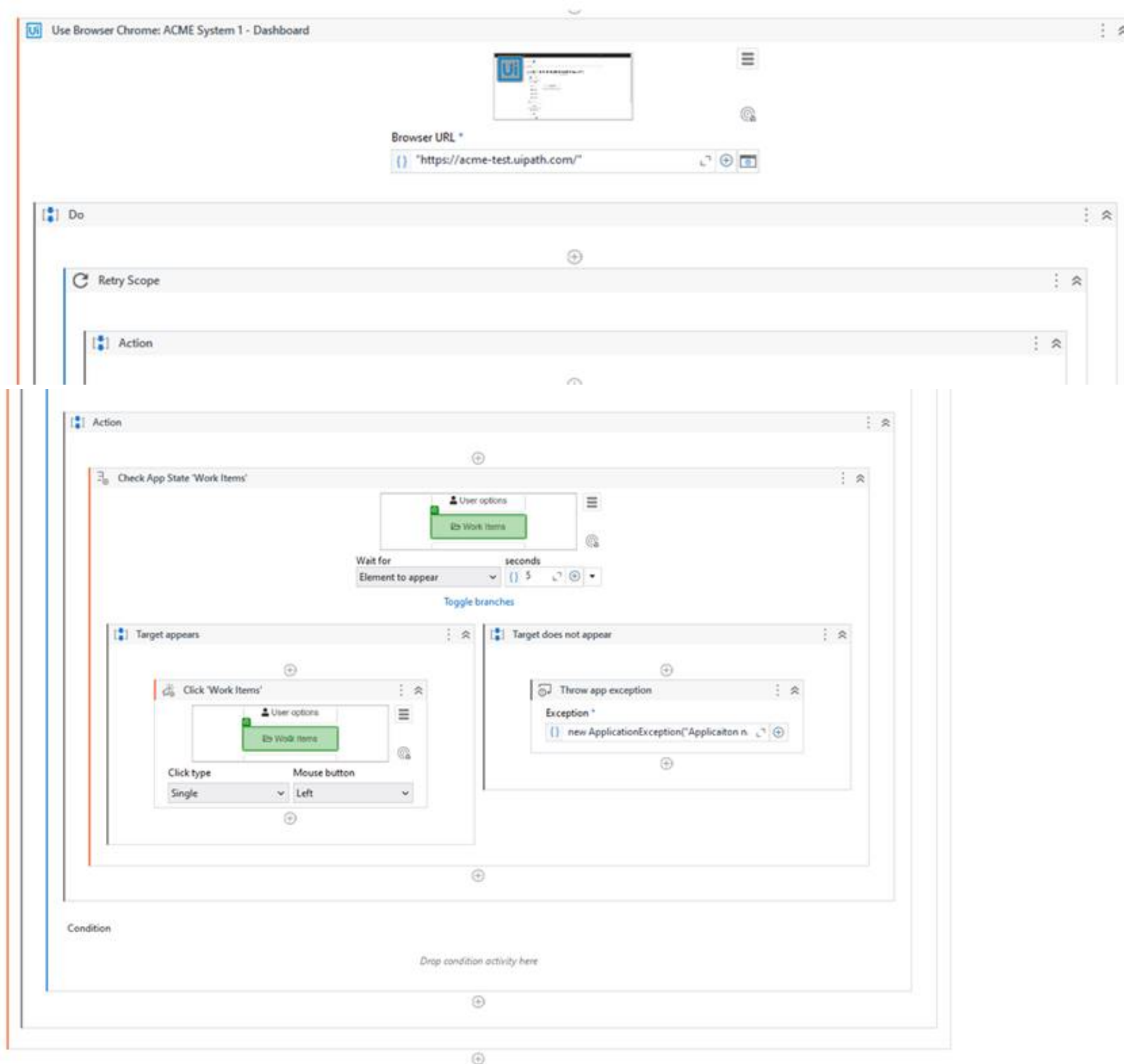
Answer: C

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.

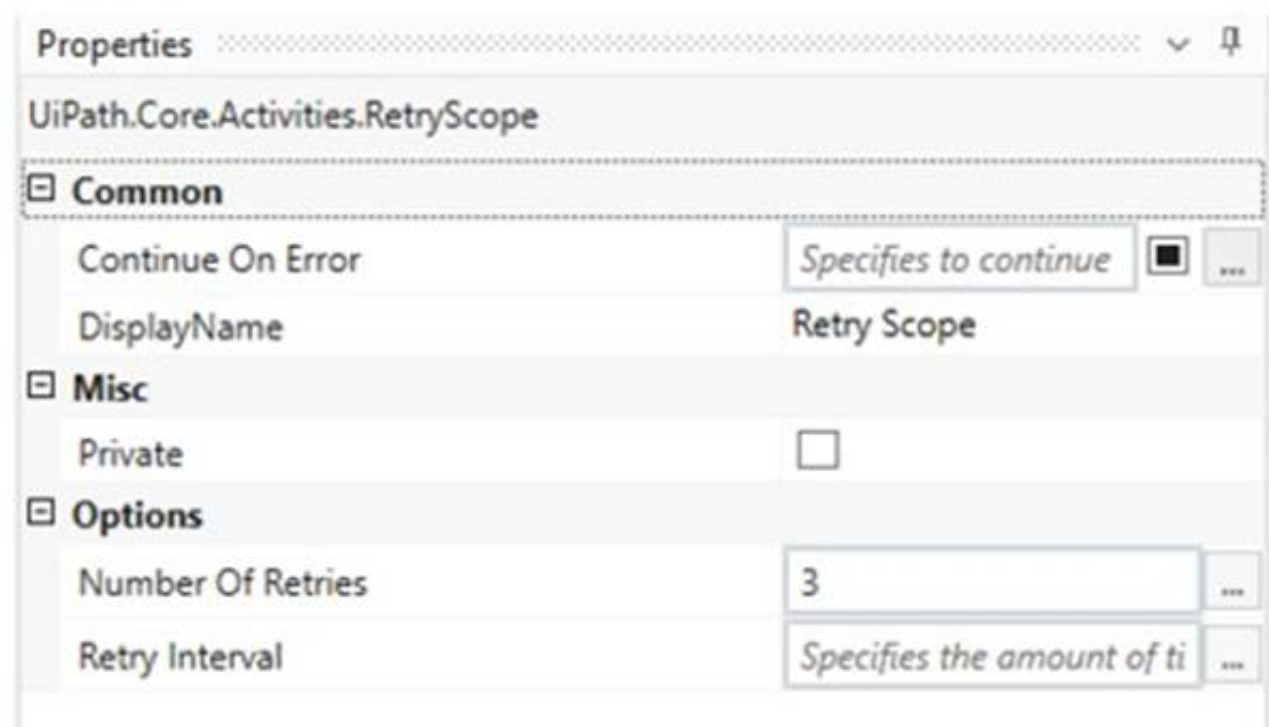
NEW QUESTION 117

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?



The screenshot shows a UiPath workflow with the following structure:

- Do** (Container)
 - Retry Scope**
 - Action**
 - Check App State 'Work Items'**
 - User options**
 - Wait for** (Element to appear, 5 seconds)
 - Toggle branches**
 - Target appears**
 - Click 'Work Items'**
 - User options**
 - Click type**: Single
 - Mouse button**: Left
 - Target does not appear**
 - Throw app exception**
 - Exception ***: new ApplicationException("Application n...")



- 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.

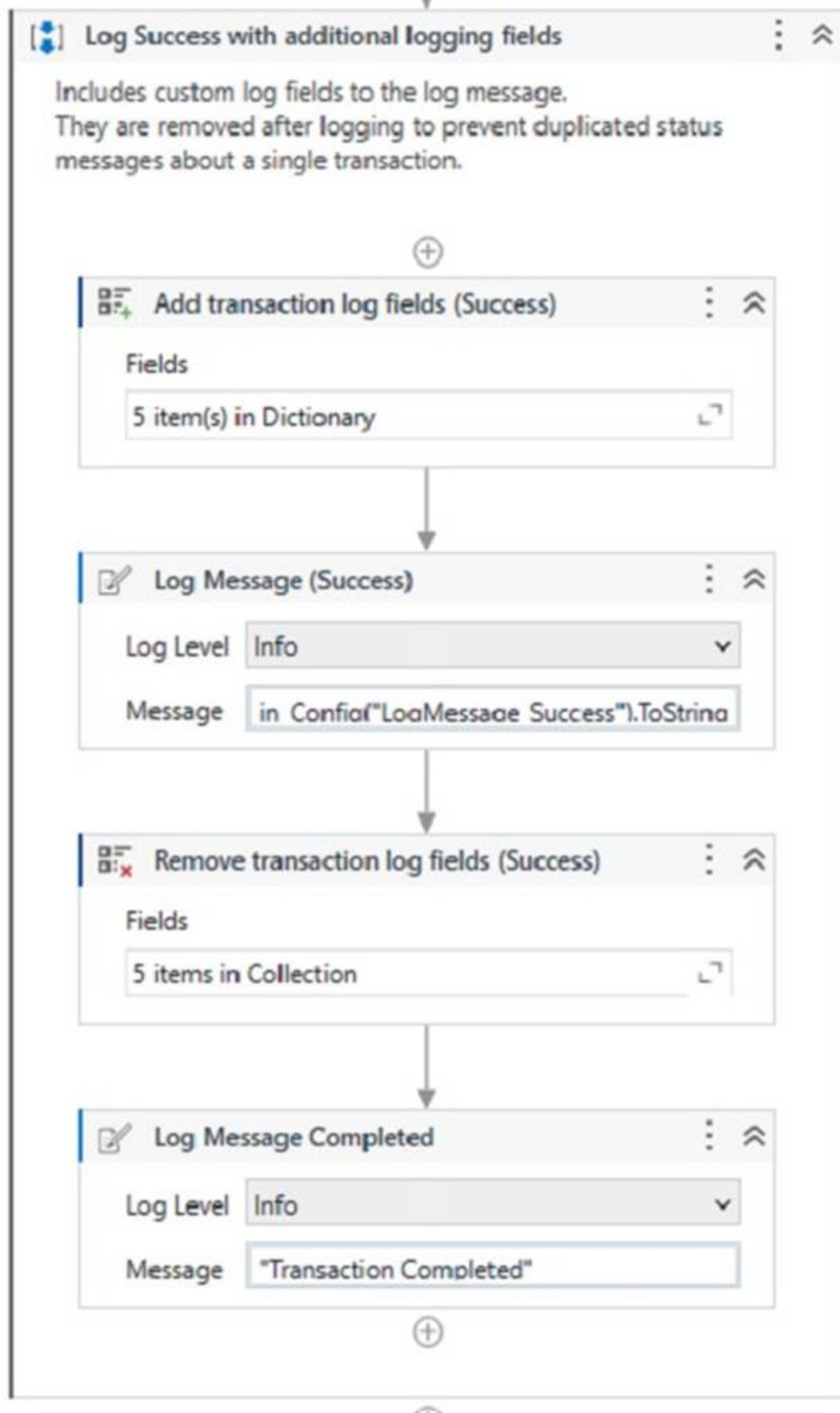
Answer: A

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]

NEW QUESTION 120

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 fields (Success)

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"

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"
```

A. "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.

References:

? Add Log Fields activity documentation from UiPath

? Remove Log Fields activity documentation from UiPath

? Log Message activity documentation from UiPath

NEW QUESTION 125

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 further¹.

Therefore, the transaction item is marked as failed and not retried, regardless of the Max # of retries setting for the queue². However, the process does not stop and continues with the remaining transaction items in the queue³.

References:

? 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

NEW QUESTION 128

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

Properties

UiPath.UIAutomationNext.Activities.NClick

Common

Continue on error: Continue executing the activities in the automat ☒ ...

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

Delay before: Delay (in seconds) to wait before executing this activ ...

DisplayName: Click

Timeout: The amount of time (in seconds) to wait for the ...

Input

Click type: NClickType.Single ...

Cursor motion type: Specifies the type of motion performed by the m ...

Mouse button: NMouseButton.Left ...

Target

Click offset: (null)

Fuzzy selector: "<webctrl aria-role='button' type='submit' tag='IN ...

Native text: Enter a VB expression ...

Responsive websites: ☐

Strict selector: "<webctrl aria-role='button' css-selector='body&g ...

Targeting methods: Strict selector ...

Visibility check: Interactive (for Fuzzy Selector) ...

Wait for page load: NWaitForReady.Interactive ...

Window selector (Application instance): "<html app='msedge.exe' title='*' />" ...

Verify execution: (null)

Input/Output Element

Input element: The Input UI Element defines the screen element tha ...

Output element: Output a UI Element to use in other activities as an ...

Misc

Private: ☐

Options

Alter disabled element: When selected, the activity executes the action e ☒ ...

Input mode: Same as App/Browser ...

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.

References:

? Click - UiPath Documentation Portal.

? What are different Input methods in UiPath - UiPath Community Forum.

NEW QUESTION 129

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. References:

? 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

NEW QUESTION 132

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Relate Links

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