

## Exam Questions UiPath-ADAv1

UiPath Automation Developer Associate v1 Exam

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### NEW QUESTION 1

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 value. 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.

### NEW QUESTION 2

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 variations.

### NEW QUESTION 3

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<sup>3</sup>. 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<sup>4</sup>. References: Flowchart and Understanding the Concept of Workflow of UiPath from UiPath documentation and Medium.

**NEW QUESTION 4**

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
- B. Exclude the three SetTransactionStatus activities from the SetTransactionStatus workflow & change the variable type.
- C. Eliminate the Get Transaction Data state from the Main state machine
- D. Exclude the Get Transaction Item activity from the project & change the variable type.
- E. Exclude the Get Transaction Item activity from the project
- F. Eliminate the three SetTransactionStatus activities from the SetTransactionStatus workflow & change the variable type.
- G. Remove the Get Transaction Data state from the Main state machine
- H. 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

**NEW QUESTION 5**

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
- B. In the Imports Panel in Studio, search for the package by name, and then install the package.
- C. Open the Manage Packages Window and install UiPath.System.Activities
- D. Drag and Drop the Invoke COM Method activity and input the library name as a parameter.
- E. Open the Manage Packages Window and install UiPath.System.Activities
- F. Drag and Drop the Invoke Method activity and input the library name as a parameter.
- G. Open the Manage Packages Window and ensure the Orchestrator feed is enabled
- H. 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

**NEW QUESTION 6**

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 documentation<sup>1</sup>)

References:

? 1: Get Test Data Queue Item - UiPath Activities.

#### NEW QUESTION 7

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. 1
- B. 9
- C. 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

#### NEW QUESTION 8

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. 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. References: Dictionaries and How to use dictionary? from UiPath documentation and forum.

#### NEW QUESTION 9

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:

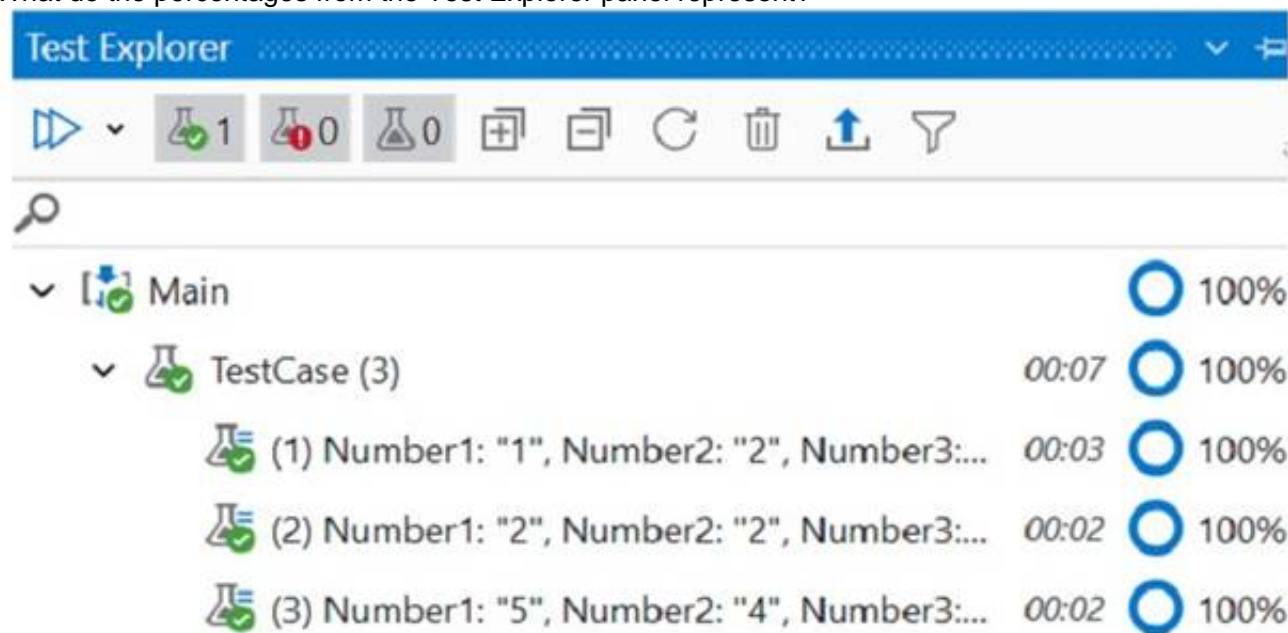
A State Machine layout is a type of workflow that allows developers to create complex and dynamic automation processes that can branch based on user input or predefined conditions. A State Machine layout consists of states, transitions, and triggers. A state represents a specific step or action in the 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

#### NEW QUESTION 10

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.

References:

? Test Explorer documentation from UiPath

**NEW QUESTION 10**

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

**NEW QUESTION 15**

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 18**

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 21**

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

**NEW QUESTION 24**

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 29**

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.

**NEW QUESTION 33**

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

**NEW QUESTION 34**

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.

#### NEW QUESTION 35

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

#### NEW QUESTION 40

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 file<sup>1</sup>. The OutputFileName argument is required and specifies the path and name of the new PDF file<sup>1</sup>. The Range argument accepts complex range values or "All" to indicate which pages to extract<sup>12</sup>. 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 pages<sup>1</sup>. Password-protected PDF files can be processed with this activity by using the Password argument to provide the password<sup>1</sup>. References: Extract PDF Page Range documentation, Extract PDF Page Range example.

#### NEW QUESTION 45

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?

The screenshot shows the 'Invoke code arguments' dialog box with the following table:

Name	Direction	Type	Value
Users_List	In	List<String>	Users_List

Below the table is a 'Create Argument' button. The 'OK' and 'Cancel' buttons are at the bottom right.

The 'Invoke Code' activity is shown with the following code:

```
Users_List.Add("User1")
Users_List.Add("User2")
```

The 'Log Message' activity is shown with the following configuration:

- Log Level: Info
- Message: Users\_List.Count

- A. 2
- B. Object reference not set to an instance exception is thrown
- C. 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.

References:

? 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

#### NEW QUESTION 47

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<sup>1</sup>. 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

#### NEW QUESTION 49

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. Activit
- E. 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

#### NEW QUESTION 50

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, etc<sup>1</sup>. 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 Mail<sup>2</sup>.

References: MailMessage Class and Get Outlook Mail Messages from UiPath documentation

#### NEW QUESTION 54

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

#### NEW QUESTION 55

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

**NEW QUESTION 58**

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 dashboard<sup>1</sup>. You can choose between Last Day and Last Hour options to view the performance and health indicators of your system at different levels of detail<sup>2</sup>.

References:

? Monitoring documentation, Interval Filter section

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

**NEW QUESTION 60**

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

**NEW QUESTION 64**

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

**NEW QUESTION 67**

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:**

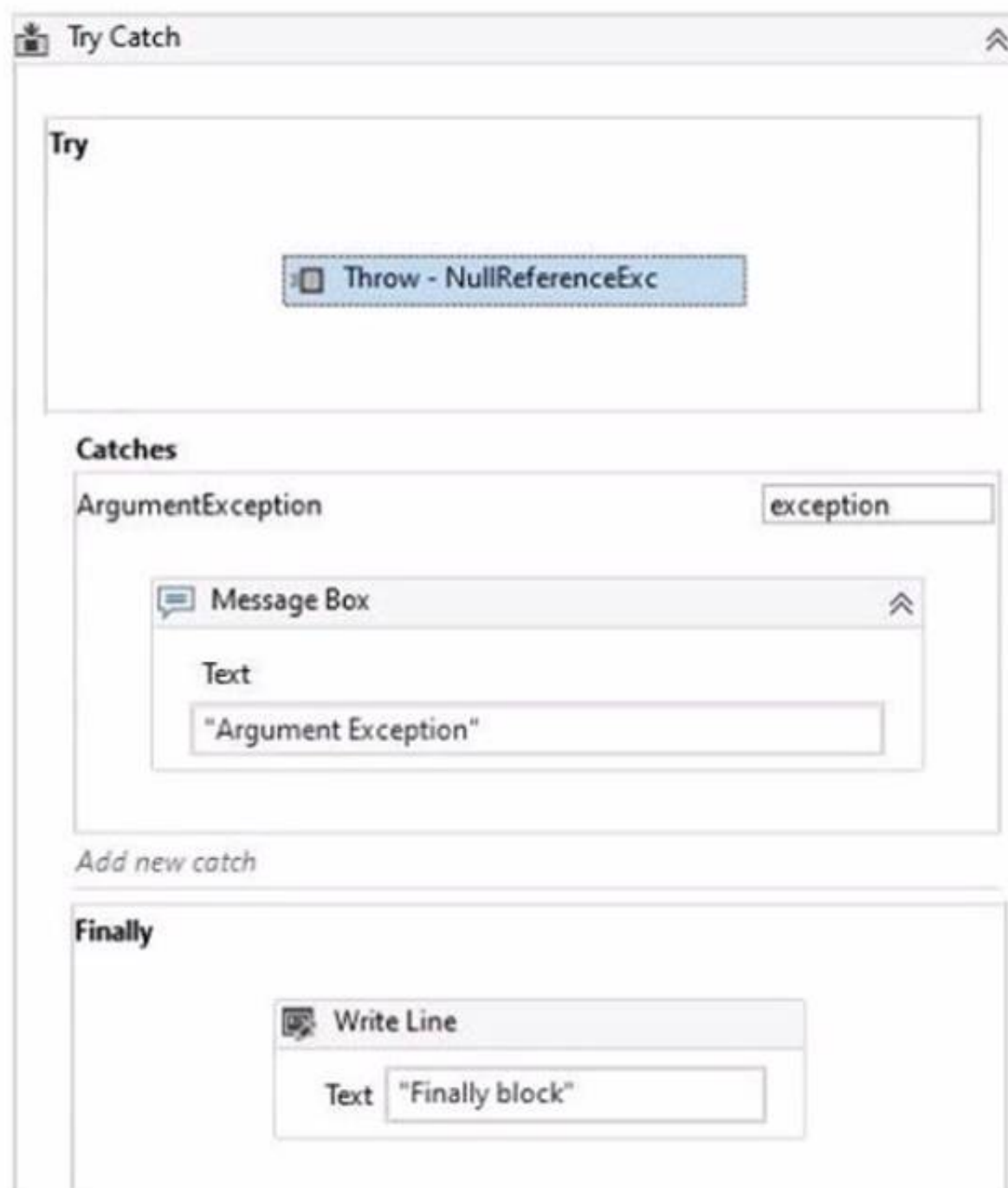
The Simulate option is a property of the Type Into activity that enables the fastest execution of the activity. This is because the Simulate option does not rely on the hardware drivers or the UI elements to perform the typing action. Instead, it uses the technology of the target application to directly 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

**NEW QUESTION 72**

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



What happens when the activity encounters a NullReferenceException?

- 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 NullReferenceException, 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 `NullReferenceException` 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 `NullReferenceException` 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, `NullReferenceException` Class, and `Try Catch` from UiPath documentation.

#### NEW QUESTION 76

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.

#### NEW QUESTION 80

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

#### NEW QUESTION 85

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

#### NEW QUESTION 88

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.

References: REFramework documentation, REFramework best practices

#### NEW QUESTION 93

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 96**

**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 98**

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 UiExplorer<sup>1</sup>. This way, you can create and manage tasks and exchanges between users and external applications using the authentication process of the API provider<sup>2</sup>. 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 activities<sup>3</sup>.

References:

? Studio - About UiPath Remote Runtime - UiPath Documentation Portal.

? Integration Service - Connections - UiPath Documentation Portal.

? UiPath UiPath Runtime - Citrix Ready Marketplace.

**NEW QUESTION 101**

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.

**NEW QUESTION 105**

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 109**

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

**NEW QUESTION 112**

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	Step Sequence
Retrieve the X-UiPath-Signature HTTP header.	
Compare the computed signature to the value from 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).	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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.

**NEW QUESTION 113**

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 114**

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 118**

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

**NEW QUESTION 119**

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 121**

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 Valu
- D. 2
- E. Data Typ
- F. 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.

**NEW QUESTION 122**

The following 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

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

A\*B Assign

qty = dt.AsEnumerable.

Expression Editor

Set value (String)

```
1 dt.AsEnumerable.
2 SkipWhile(Function(x) x["Item"].ToString.Equals("mango"))(0)(["Quantity"].ToString
```

OK Cancel

- 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).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].

**NEW QUESTION 123**

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 activit
- B. Highlight an element using the Highlight activity.
- C. 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 image
- D. Type text in a text area such as a text box. Select or clear a check box.
- E. Select or clear a check box. Send keyboard shortcuts using your keyboard
- F. Select an item from a drop-down.
- G. Click on buttons, links, and other clickable elements such as icons or image
- H. Type text in a text area such as a text box. Select or clear a check box. Send keyboard shortcuts using your keyboard
- I. 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 automatically<sup>1</sup>. The App/Web Recorder has a toolbar that contains different actions that you can select before recording a step<sup>2</sup>. 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<sup>3</sup>. 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<sup>4</sup>. 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<sup>5</sup>.

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.

**NEW QUESTION 127**

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 documentation<sup>1</sup>)

? 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 documentation<sup>1</sup>)

? 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. (UiPath ReFramework documentation<sup>1</sup>)

? 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 documentation<sup>1</sup>)

References:

? 1: Robotic Enterprise Framework Template - UiPath Studio.

**NEW QUESTION 129**



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 components<sup>3</sup>. A .nupkg file is essentially a ZIP archive that contains the files and metadata of the package<sup>4</sup>. 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 Explorer<sup>5</sup>.

**NEW QUESTION 133**

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 projects<sup>1</sup>. It uses a state machine to handle the different stages of the automation process<sup>2</sup>. One of the states is the Process Transaction state, where the main actions are performed on each transaction item<sup>3</sup>. 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:

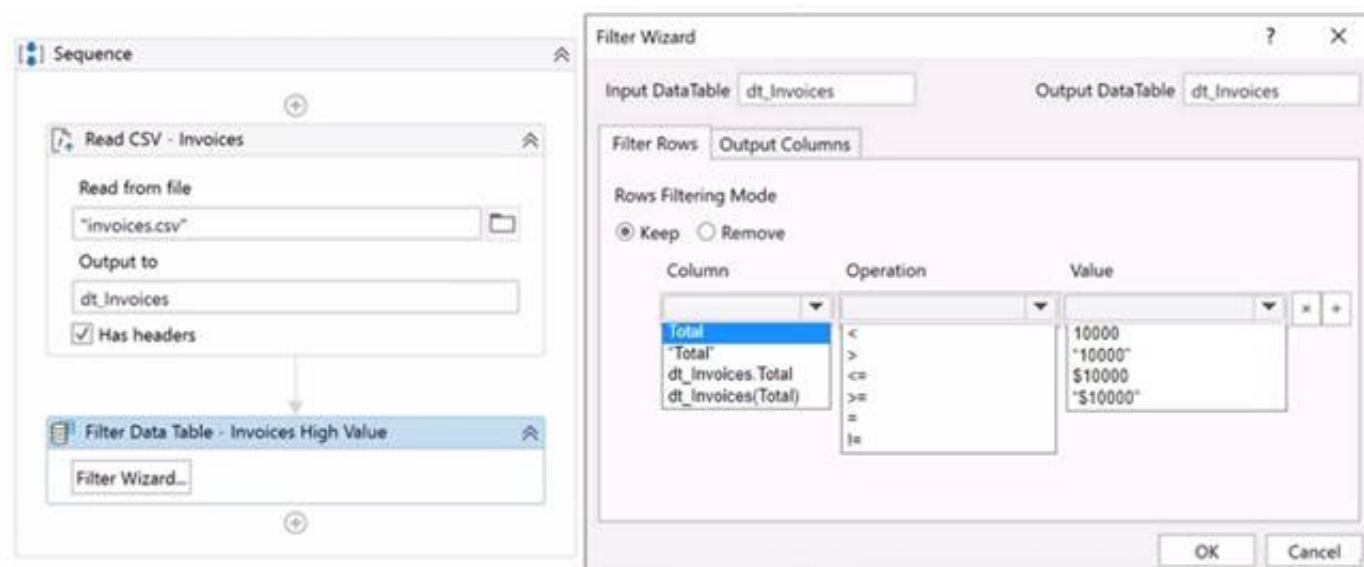
- ? The UiPath ReFramework documentation from UiPath
- ? State Machines documentation from UiPath
- ? Process.xaml documentation from UiPath
- ? [TransactionItem Variable] documentation from UiPath
- ? [DataRow Class] documentation from Microsoft
- ? [Excel Activities] documentation from UiPath
- ? [QueueItem Class] documentation from UiPath
- ? [DataRow[] Structure] documentation from Microsoft
- ? [Array Class] documentation from Microsoft

**NEW QUESTION 137**

**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.



- A. Mastered
- B. Not Mastered

**Answer:** A

**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

**NEW QUESTION 140**

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 143**

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

**NEW QUESTION 146**

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 148**

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 documentation<sup>2</sup>. 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<sup>3</sup>.

References: Managing Dependencies and Project Dependencies Mass Update from UiPath documentation and forum.

**NEW QUESTION 151**

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 153**

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 assets<sup>1</sup>. Orchestrator supports the use of multiple credential stores and has built-in integrations with the following ones<sup>2</sup>:

? Azure Key Vault: A cloud-based service that provides secure storage and management of secrets, keys, and certificates<sup>3</sup>.

? CyberArk CCP: A component of the CyberArk Privileged Access Security Solution that provides centralized management and distribution of credentials to applications and robots<sup>4</sup>.

? HashiCorp Vault: A tool that enables secure access to secrets and encryption keys across dynamic environments<sup>5</sup>.

? 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.

**NEW QUESTION 158**

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 documentation<sup>1</sup>)

References:

? 1: Starting a Job - UiPath Orchestrator.

**NEW QUESTION 159**

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

#### NEW QUESTION 164

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 more<sup>1</sup>. The alerts are displayed in descending order of severity and time<sup>2</sup>. The Alerts panel can be accessed by clicking the Alerts bell icon on the top-right corner of the Orchestrator dashboard<sup>3</sup>. Clicking an alert in the panel redirects the user to the custom filtered page of the associated component<sup>4</sup>.

#### NEW QUESTION 169

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 projects<sup>1</sup>. It uses a state machine to handle the different stages of the automation process<sup>2</sup>. One of the states is the Process Transaction state, where the main actions are performed on each transaction item<sup>3</sup>. 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<sup>4</sup>. 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. References:

? 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

#### NEW QUESTION 174

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

#### NEW QUESTION 176

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

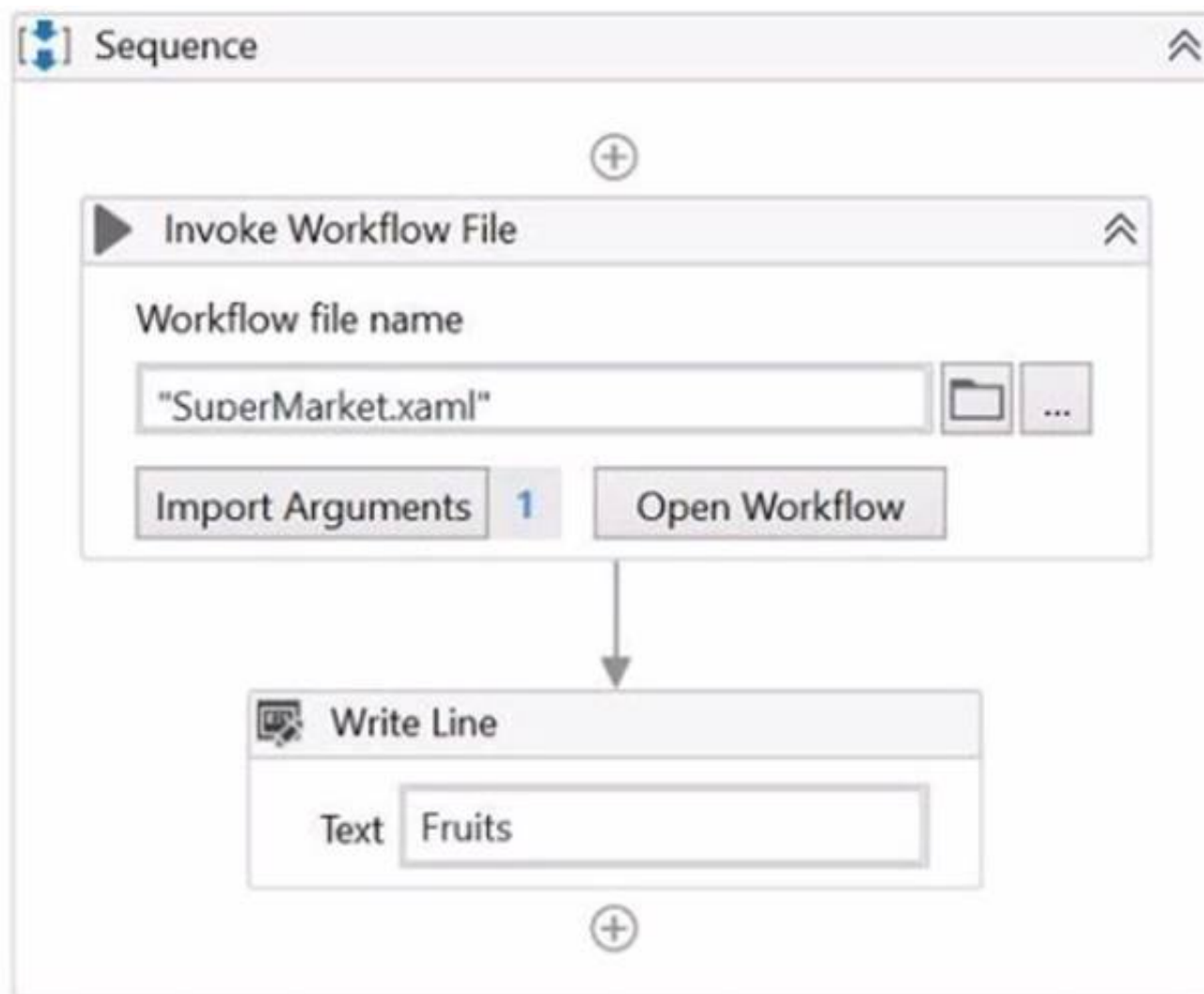
#### Explanation:

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 181

A developer has created an automation process that includes:





2. Variables in the Variable panel in the Main.xaml file:

Name	Variable type	Scope	Default
Fruits	String	Sequence	"Apple"

Create Variable

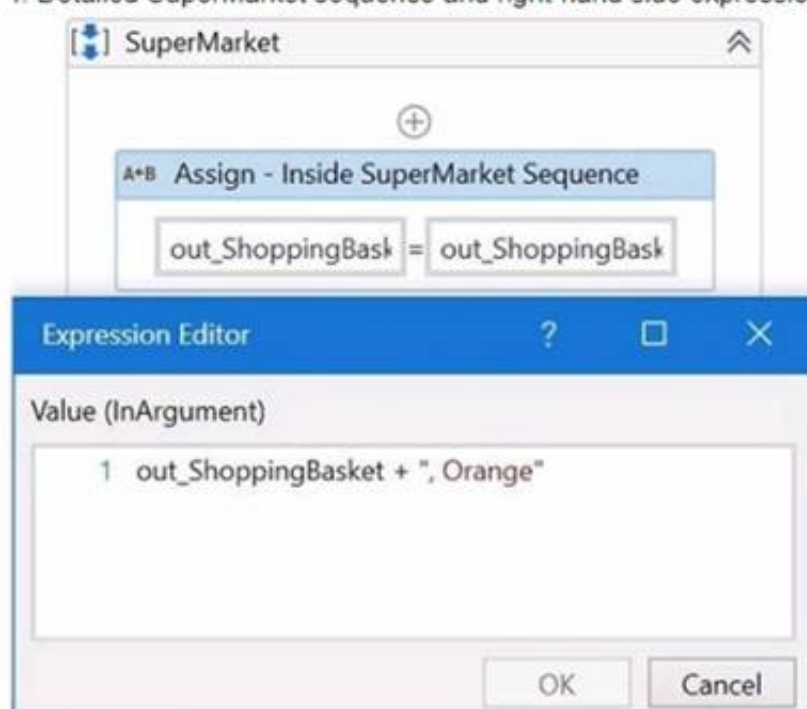
3. Main.xaml file invokes the SuperMarket workflow using the following argument:

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

**NEW QUESTION 184**

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

**NEW QUESTION 186**

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

**NEW QUESTION 187**

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

**NEW QUESTION 191**

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 written<sup>1</sup>.

This property is useful when the web form fields are not visible or focused by default.

#### NEW QUESTION 194

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 permissions<sup>1</sup>.

References: Integration Service - Connections - UiPath Documentation Portal

#### NEW QUESTION 195

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 field<sup>3</sup>. 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 workflow<sup>4</sup>. 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 value<sup>5</sup>. 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.

#### NEW QUESTION 199

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

#### NEW QUESTION 203

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 t ...

**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 i ...

**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 link<sup>1</sup>. 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 ready<sup>1</sup>.

? 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 minimized<sup>2</sup>.

? 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 button<sup>1</sup>.

? 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 TimeoutException<sup>1</sup>.

? 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 loaded<sup>1</sup>.

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 207

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