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Exam : **UiPath-ADAv1-JPN**

Title : **UiPath Automation
Developer Associate v1
Exam (UiPath-
ADAv1 日本語版)**

Vendor : **UiPath**

Version : **DEMO**

QUESTION NO: 1

ボタンの状態 (有効/無効) を取得するために使用できるアクティビティは次のどれですか?

- A. 要素を検索
- B. テキストを取得
- C. 属性を取得
- D. アプリの状態を確認する

Answer: C

Explanation:

To determine whether a button is enabled or disabled, the best method is to use the "Get Attribute" activity.

Why is Option C Correct?

* Get Attribute retrieves various properties of a UI element, including:

* "enabled" (True/False)

* "visibility"

* "aria-disabled"

* This allows the bot to check if the button is interactable.

Example Use Case:

* Use Get Attribute activity.

* Set "Attribute" = "enabled".

* Store the result in a Boolean variable:

isButtonEnabled = Get Attribute Output

* Use an If condition to check:

If isButtonEnabled Then

Click Button

Else

Log Message: "Button is disabled"

Why Other Options Are Incorrect?

* A (Find Element) #

* Only checks if an element exists but does not retrieve its state.

* B (Get Text) #

* Extracts visible text but cannot detect whether a button is enabled/disabled.

* D (Check App State) #

* Used to detect application states but not specific element attributes.

QUESTION NO: 2

データテーブル内の既存の列のインデックスを変更するにはどのような方法を使用できますか?

- A. インデックスの設定
- B. 移動先
- C. SetColumnIndex
- D. SetOrdinal

Answer: D

Explanation:

The SetOrdinal method of the DataColumn class can be used to change the index or position

of an existing column in a datatable. The method takes an integer argument that specifies the new ordinal or position of the column. For example, to move the first column to the last position, one can use: `yourDataTable.Columns(0).`

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

QUESTION NO: 3

「ライブラリ

A」が現在のプロジェクトに依存関係としてインポートされたら、「ライブラリ A」で定義された UI オブジェクト リポジトリにどのようにアクセスできますか?

- A. オブジェクト リポジトリはライブラリでのみ使用できます。
- B. オブジェクト リポジトリを使用できるようにするには、UI ライブラリとしてエクスポートし、プロセスにインポートする必要があります。
- C. オブジェクト リポジトリはプロセスで自動的に利用可能になります。
- D. オブジェクト リポジトリをプロセスとライブラリの間で受け渡すことはできません。

Answer: C

Explanation:

The UI Object Repository is a feature that allows you to store and reuse UI elements across different automation projects¹. A UI Library is a type of project that contains UI elements and workflows that can be used as dependencies in other projects². When you import a UI Library as a dependency in your current project, the UI Object Repository defined in the UI Library will automatically be available in your current project³. You can access the UI elements from the Object Repository panel in Studio and use them in your activities⁴. Therefore, the correct answer is C. The other options are incorrect because they do not reflect the actual behavior of the UI Object Repository and the UI Library.

QUESTION NO: 4

Studio からのリモート デバッグ要求を受け入れるように Windows ロボット上の UiPath.RemoteDebugging.Agent ユーティリティを構成する、UiPath インストール フォルダー内のコマンドはどれですか?

- A. `dotnet ./UiPath.RemoteDebugging.Agent.dll 有効 -- ポート -- パスワード -- 詳細`
- B. `UiPath.Remote Debugging.Agent.exe 開始 -- ポート -- パスワード -- 詳細`
- C. `UiPath.Remote Debugging.Agent.exe を有効にする -- ポート -- ユーザー名 -- パスワード -- 詳細`
- D. `UiPath.Remote Debugging.Agent.exe 有効化 -- ポート -- パスワード -- 詳細`

Answer: D

Explanation:

The UiPath.RemoteDebugging.Agent utility is a tool that enables remote debugging on a Windows robot¹. To configure the utility to accept remote debugging requests from Studio, you need to run a command in the UiPath installation folder using the Command Prompt².

The command is:

```
UiPath.RemoteDebugging.Agent.exe enable --port <port_number> --password <password> --verbose
```

The arguments in the command are:

* `--port <port_number>`: Specify the port number to use for the remote debugging connection. The default value is 80803.

* `--password <password>`: Specify the password to use for the remote debugging connection.

The password must match the one entered in Studio when creating a Remote Machine Connection.

* --verbose: Enable verbose logging for the utility. This argument is optional.

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

QUESTION NO: 5

開発者は、Get Asset アクティビティを使用して Orchestrator からの Asset 値を利用する自動化を作成しました。この値は、変更される可能性のあるプロセス所有者の電子メール アドレスを表します。

この状況に最も適した資産タイプは何ですか？

- A. プール
- B. 整数
- C. テキスト
- D. 資格情報

Answer: C

Explanation:

The Get Asset activity retrieves stored values from Orchestrator Assets. Since email addresses are text- based values, the most appropriate Asset type is Text.

Why is C Correct?

Text Asset is suitable for:

- * Storing strings such as email addresses, URLs, file paths, or API keys.
- * Easily updated in Orchestrator without modifying the automation.
- * Supports dynamic values that may change over time.

QUESTION NO: 6

開発者は、Google Chrome 内で UI オートメーションを利用する既存のワークフローを開きましたが、Google Chrome 拡張機能がコンピューターにインストールされていません。

UiPath Studio から Google Chrome

拡張機能をインストールするには、開発者はどのような手順を踏む必要がありますか？

手順: 左側にある説明をドラッグし、右側にある正しいステップ

シーケンスにドロップします。

Description

- Click, "UiPath Extensions".
- Navigate to "Home" and click, "Tools"
- Open Google Chrome and click the "Enable extension" pop-up
- Click the "Install" button for Google Chrome.

Step Sequence

- Step 1
- Step 2
- Step 3
- Step 4

Answer:

Description

- Click, "UiPath Extensions".
- Navigate to "Home" and click, "Tools"
- Open Google Chrome and click the "Enable extension" pop-up
- Click the "Install" button for Google Chrome.

Step Sequence

- Step 1: Navigate to "Home" and click, "Tools"
- Step 2: Click, "UiPath Extensions".
- Step 3: Click the "Install" button for Google Chrome.
- Step 4: Open Google Chrome and click the "Enable extension" pop-up

Explanation:

Correct Step Sequence:

- * Navigate to "Home" and click "Tools"
- * Click "UiPath Extensions"
- * Click the "Install" button for Google Chrome
- * Open Google Chrome and click the "Enable extension" pop-up
- * Step 1: First, navigate to the Home tab in UiPath Studio and click on Tools to access the extension settings.
- * Step 2: Then, select UiPath Extensions to find available extensions for different browsers.
- * Step 3: Click on the Install button for Google Chrome to start the installation.
- * Step 4: Finally, open Google Chrome, and a pop-up will appear asking to enable the extension-this step ensures the extension is active.

QUESTION NO: 7

Get IMAP Mail Messages

アクティビティを使用するために開発者が構成する必要がある推奨プロパティは何ですか？

- A. メールフォルダー、ポート、サーバー、電子メール、および出力メッセージ。
- B. アカウント、メールフォルダー、および出力メッセージ。
- C. 宛先、件名、本文、ポート、サーバー、電子メール、パスワードまたはセキュアパスワード

、および名前。

D.

メールフォルダー、ポート、サーバー、電子メール、パスワードまたはセキュアパスワード、およびメッセージ。

Answer: D

Explanation:

When using the "Get IMAP Mail Messages" activity, the minimum recommended properties to configure are:

MailFolder (to specify the folder from which to retrieve the mails), Port (to specify the port used by the IMAP server), Server (the address of the IMAP server), Email (the email address to connect to), Password or SecurePassword (the password used to connect to the email account), and Messages (the output property where the retrieved emails will be stored).

QUESTION NO: 8

DataTable を Excel ファイルに書き込む際の、Workbook Write Range アクティビティと Excel Application Integration Write Range アクティビティの違いは何ですか？

A. (Excel) Excel

へのデータテーブルの書き込みアクティビティはバックグラウンドでのみ機能します。
(ワークブック)

範囲の書き込みアクティビティでは、実行前にユーザーがファイルを開いていないことが必要です。

B. (Excel) Excel

へのデータテーブルの書き込みアクティビティは、ユーザーに表示されるフォアグラウンドでのみ機能します。

(ワークブック) Write Range アクティビティはバックグラウンドでのみ機能します。

C. (Excel) Excel へのデータテーブルの書き込みアクティビティは、WorkbookPath プロパティにファイルが存在しない場合に作成します。

(ワークブック) 範囲の書き込みアクティビティは、Excel がインストールされている場合にのみ使用できます。

D. (Excel) Excel

へのデータテーブルの書き込みアクティビティは、実行前にユーザーがファイルを開いた場合でも正しく実行されます。

(ワークブック) 範囲の書き込みアクティビティは、WorkbookPath プロパティにファイルが存在しない場合に作成します。

Answer: D

Explanation:

The difference between "Workbook Write Range" and "Excel Application Integration Write Range" activities is that the "Excel Application Integration Write Range" (also known as "Excel Write Range") activity can execute correctly even if the Excel file is already opened by the user before running. It interacts with Excel as an application, making it visible and allowing for interaction with the Excel interface. On the other hand, the "Workbook Write Range" activity works in the background, does not require Excel to be installed, and will create the Excel file in the specified path if it does not exist. So, the correct answer is D.

QUESTION NO: 9

プロジェクトの完了後に、設計されたプロセスをテンプレートに変換する最も適切な方法は何ですか？

- A. [名前を付けて保存] オプションを使用してプロジェクトを新しいファイルタイプとして保存し、ファイル拡張子を手動で変更してテンプレートを作成します。
- B. UiPath Studio の [テンプレートとしてエクスポート] オプションを使用します。

C.

新しいテンプレートを作成し、アクティビティを既存のプロセスから新しいテンプレートに移動します。

D. 開発者がこれを行う方法はありません。

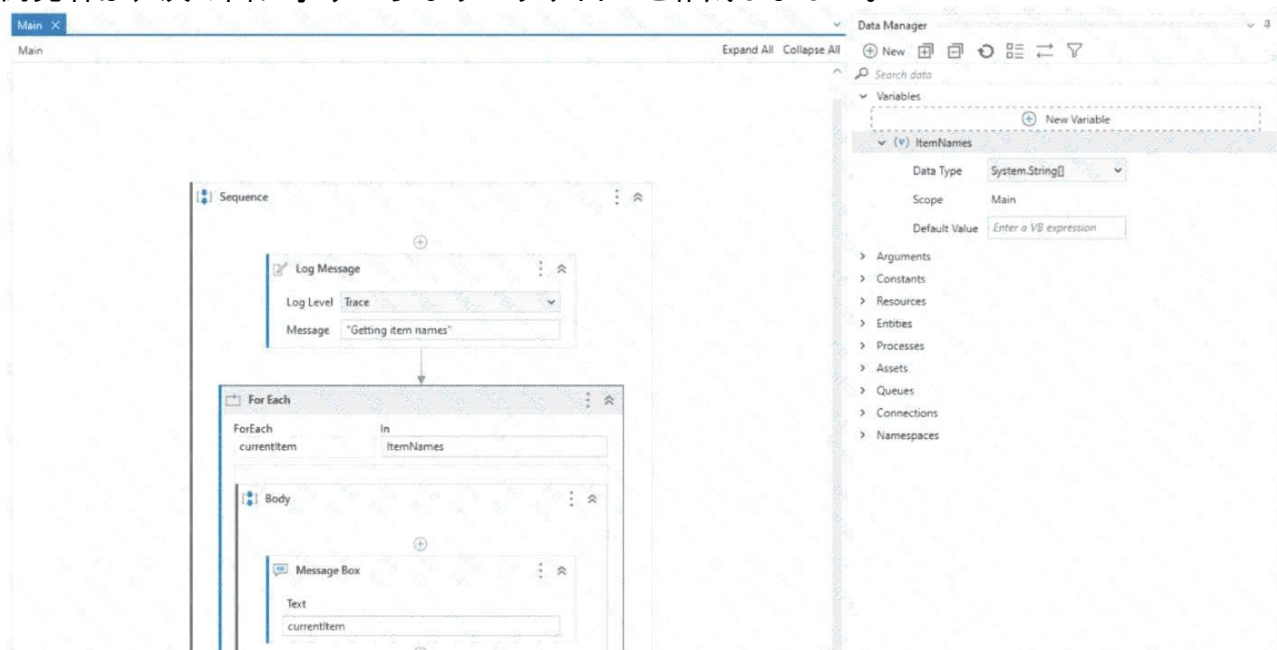
Answer: B

Explanation:

In UiPath Studio, to convert a designed process into a template, you should use the "Export as Template" option. This feature packages the project in such a way that it can be reused as a starting point for other automation projects. Therefore, the correct answer is B.

QUESTION NO: 10

開発者は、次の図に示すようなワークフローを作成しました。



ワークフローの実行時にどの例外がスローされますか？

- A. 引数例外
- B. 無効な操作例外
- C. ビジネスルール例外
- D. Null参照例外

Answer: A

Explanation:

The workflow contains a For Each activity that iterates over the ItemNames variable. However, there is a key issue in the variable definition:

1. Understanding the Issue:

* The ItemNames variable is declared as System.String(), which is an array of strings.

* However, no default value has been assigned to ItemNames. This means the variable is Nothing (null) at runtime.

* When the For Each activity attempts to iterate over a Nothing (null) array, an exception is thrown.

2. Why "ArgumentException" is Thrown?

* The For Each loop requires a valid enumerable collection to iterate through.

* If the collection is Nothing, UiPath will throw an ArgumentException because the input argument (i.

e., the collection) is invalid.

* The ArgumentException occurs when a method receives an argument that is not valid for its expected purpose.

* In this case, the For Each loop expects an initialized array but receives Nothing, leading to an ArgumentException.

3. Why Not Other Options?

* B. InvalidOperationException # This is usually thrown when an operation is not valid in the current state, but For Each expects an iterable object and does not throw this error.

* C. BusinessException # Business Rule Exceptions are used for process-specific validation errors, which do not apply here.

* D. NullReferenceException # This occurs when you try to access a member of an object that is Nothing. However, For Each handles Nothing by throwing an ArgumentException, not a NullReferenceException.

4. Fixing the Issue:

To avoid this error, initialize the ItemNames variable before using it:

```
vb
```

```
CopyEdit
```

```
ItemNames = New String() {"Apple", "Banana", "Cherry"}
```

Or, check if the array is Nothing before the loop:

```
vb
```

```
CopyEdit
```

```
If ItemNames IsNot Nothing Then
```

```
For Each currentItem In ItemNames
```

```
' Process each item
```

```
Next
```

```
End If
```

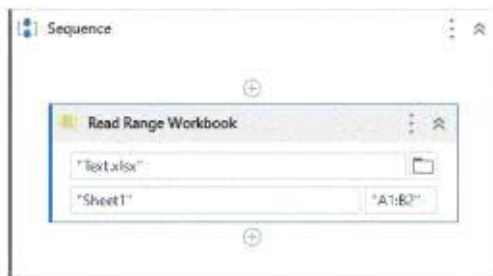
Reference from UiPath Official Documentation:

* Handling For Each Errors

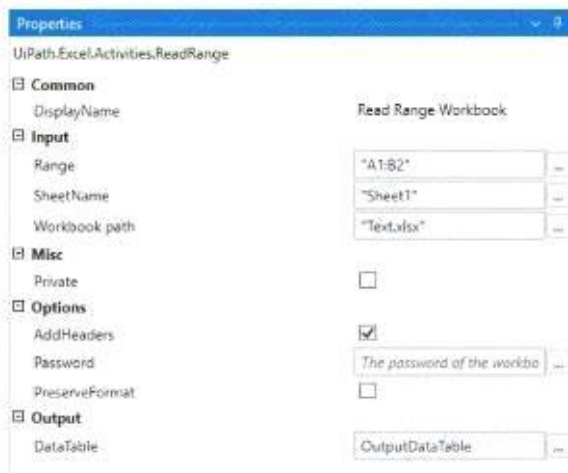
* Managing Null Values in UiPath

QUESTION NO: 11

A developer extracts data from "Sheet1" of the "Text.xlsx" file that contains 10,000 rows of data using the activity shown below:



In addition, the developer configured the following properties of the Workbook Read Range activity:



Based on the exhibits, what is the output of the expression `OutputDataTable.Rows.Count` and what values will be contained in the `OutputDataTable`?

展示物に基づいて、式 `OutputDataTable.Rows.Count` の出力は何ですか？

また、`OutputDataTable` にはどのような値が含まれますか？

- A. `OutputDataTable.Rows.Count` = 1 セル「A2」と「B2」の値が含まれます
- B. `OutputDataTable.Rows.Count` = 10,000 セル「A2」と「B2」の値が含まれます
- C. `OutputDataTable.Rows.Count` = 2 セル「A2」と「B2」の値が含まれます
- D. `OutputDataTable.Rows.Count` = 1 セル「A1」と「B1」の値が含まれます

Answer: A

Explanation:

Understanding the Read Range Activity Configuration:

* The Read Range Workbook activity is configured as follows:

* Range: "A1:B2"

* Sheet Name: "Sheet1"

* Headers Option: Unchecked (This means the first row will not be treated as column headers).

* The Excel file "Text.xlsx" contains 10,000 rows, but the specified range only covers A1 to B2, meaning only two rows of data will be read.

Behavior of Read Range Workbook When "AddHeaders" Is Unchecked:

* When "AddHeaders" is unchecked, all data in the range is considered part of the data table, including what would normally be treated as column headers.

* Since the range is "A1:B2", the extracted data includes:

* Row 1 # A1, B1

* Row 2 # A2, B2

* Since the extracted data is treated without headers, the DataTable starts with A1 and B1 as

the first row and A2 and B2 as the second row.

Determining OutputDataTable.Rows.Count

* The Read Range Workbook activity reads both rows (A1:B1 and A2:B2).

* Since headers are not considered, both rows are stored as data in the DataTable.

* OutputDataTable.Rows.Count = 2.

Corrected Output:

OutputDataTable.Rows.Count = 2

DataTable Contains:

Row 1: [A1, B1]

Row 2: [A2, B2]

Why the Correct Answer Is "A" and Not Others:

* A (OutputDataTable.Rows.Count = 1, Contains A2 and B2) ## Correct if the range was "A2:B2" (Only one row read).

* B (OutputDataTable.Rows.Count = 10,000) ## Incorrect. The range only selects two rows, not the entire sheet.

* C (OutputDataTable.Rows.Count = 2, Contains A2 and B2) ## Incorrect. If the row count is 2, the data would include A1 and B1 too.

* D (OutputDataTable.Rows.Count = 1, Contains A1 and B1) ## Incorrect because two rows were extracted, not one.

QUESTION NO: 12

ベスト

プラクティスに従って、自動化プロジェクトごとにいくつのグローバル例外ハンドラーを確立できますか？

- A. プロジェクト全体に 1 つ。
- B. 制限はありません。
- C. プロジェクト内のワークフローごとに 1 つ。
- D. プロジェクト内のアクティビティごとに 1 つ。

Answer: A

Explanation:

According to best practices in UiPath, there should be a single Global Exception Handler for the entire project, making option A correct. The Global Exception Handler is designed to manage unhandled exceptions in a centralized manner, allowing for a consistent approach to error handling across the entire project. Options B, C, and D suggest multiple handlers, which contradicts the principle of centralized exception management.

QUESTION NO: 13

すべての Get Mail アクティビティの Output

プロパティでサポートされている変数の型は何ですか？

- A. 文字列
- B. リスト<String>
- C. メールメッセージ
- D. リスト<メールメッセージ>

Answer: D

Explanation:

In the Output property of all Get Mail activities, the supported variable type is List<MailMessage>. The Output property is the property that stores the result of the activity in a variable. The Get Mail activities are the activities that retrieve email messages from various mail servers, such as POP3, IMAP, Outlook, or Exchange. The result of the Get Mail activities is a collection of email messages that match the specified criteria, such as the mail folder, the filter, or the top count. The collection of email messages is represented by the List<MailMessage> type, which is a generic list that contains MailMessage objects. A MailMessage object is a class that represents an email message, with properties such as Subject, Body, Attachments, From, To, etc1. For example, if the Get Mail activity is used to retrieve the email messages from the Inbox folder of an Outlook account, the Output property can be configured with a variable of type List<MailMessage>, such as mailList. The mailList variable will store the email messages as a list of MailMessage objects, which can then be accessed or manipulated using other activities, such as For Each, Save Attachments, or Send Mail2.

QUESTION NO: 14

以下の Excel ファイルのデータ駆動型テスト データを持つ 2 つの数値の合計を計算するワークフローをテストすることを検討してください。

| Number1 | Number2 | Sum |
|---------|---------|-----|
| 1 | 2 | 3 |
| 2 | 2 | 4 |
| 5 | 4 | 9 |

ワークフローの機能を拡張して 3

つの数値の合計を計算するには、新しいシナリオに対応するためにデータも更新する必要があります。

| Number1 | Number2 | Number3 | Sum |
|---------|---------|---------|-----|
| 1 | 2 | 2 | 5 |
| 2 | 2 | 3 | 7 |
| 5 | 4 | 1 | 10 |

そのための手順は何ですか？

- A. テスト ケースを右クリックし、[テスト データの更新] を選択します。
- B. テスト ケースを右クリックし、[テスト データの追加] を選択します。
- C. テスト ケースを右クリックし、[テスト データの削除] を選択します。
- D. テスト ケースを右クリックし、[テスト データの更新] を選択します。

Answer: A

Explanation:

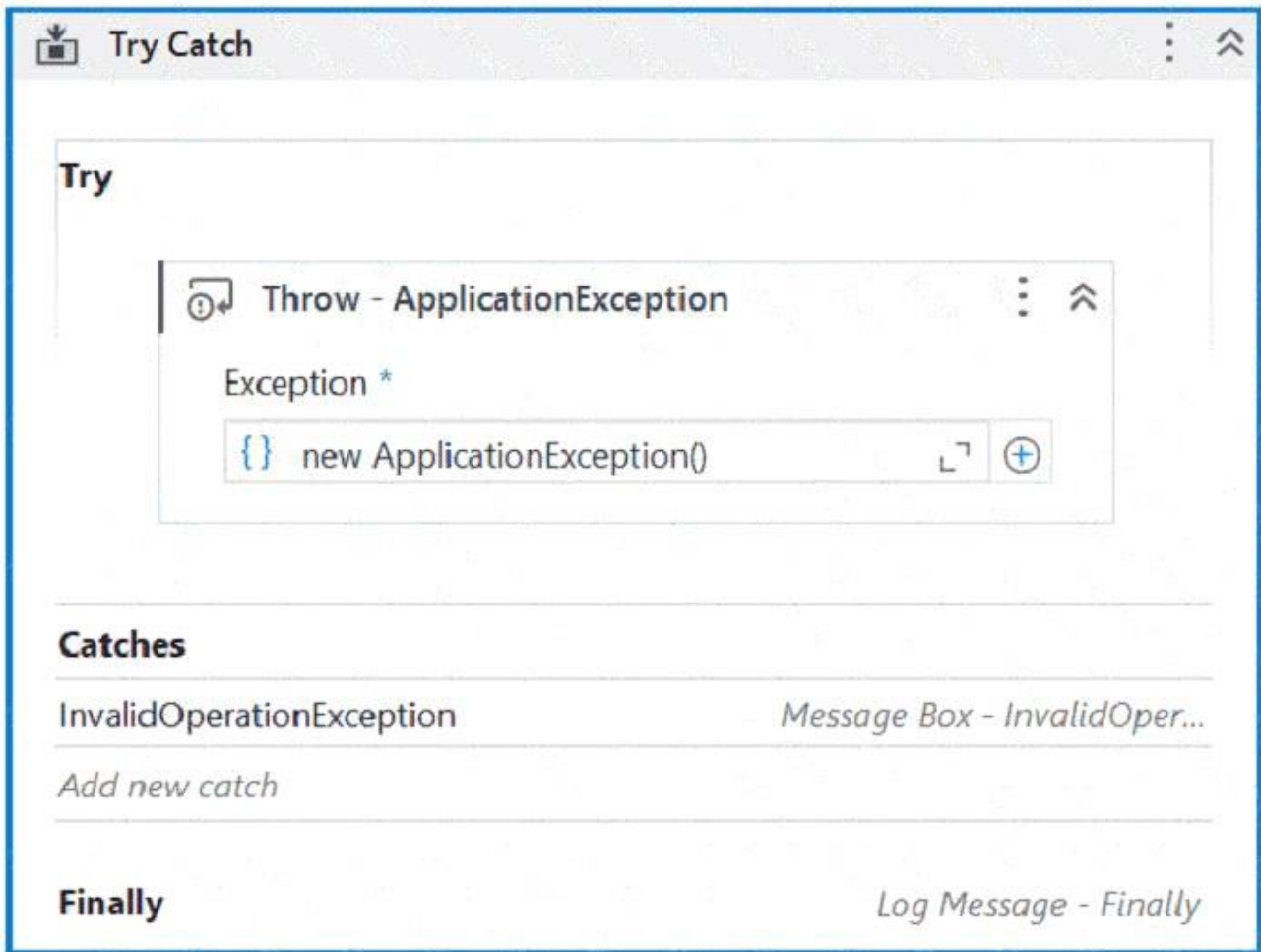
To update the data to accommodate the new scenario, you need to modify the Excel file that contains the test data and then refresh the test case to reflect the changes. The steps are as follows:

- * Open the Excel file that has the test data for the workflow. It should have four columns: Number1, Number2, Sum, and Result.
- * Add a new column after Number2 and name it Number3. This column will store the third number for the sum operation.
- * Update the existing rows in the Excel file to include a value for Number3 and adjust the value of Sum accordingly. For example, if Number1 is 1, Number2 is 2, and Number3 is 3, then Sum should be 6.
- * Save and close the Excel file.
- * In UiPath Studio, right click on the test case that uses the Excel file as the test data source and select Update Test Data. This will open a window where you can edit the test data settings.
- * In the Update Test Data window, make sure that the Excel file path is correct and that the sheet name is selected. You can also change the name and description of the test data if you want.
- * Click OK to save the changes and close the window.
- * Right click on the test case again and select Refresh Test Data. This will reload the test data from the Excel file and update the test case accordingly.

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

QUESTION NO: 15

ApplicationExceptionが発生したとき、開発者が Try Catch アクティビティの Catches セクション内の例外ハンドラーとして InvalidOperationException を選択するとどうなりますか？



- A. Finally ブロックが実行され、Catches セクションが例外をキャッチします。
- B. 実行時エラーが発生し、Finally ブロックは実行されません。
- C. 例外は発生せず、ワークフローは引き続き実行されます。
- D. 例外はスローされず、Finally ブロックが実行されます。

Answer: B

Explanation:

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

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

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

* The Finally section contains the activities that are always executed at the end of the Try Catch activity, regardless of whether an exception or error occurred or not. The Finally section is used to perform cleanup actions, such as closing applications, releasing resources, or logging messages¹.

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

- * The Try section contains a Throw activity with an ApplicationException.
- * The Catches section contains an InvalidOperationException with a Message Box activity and a Log Message activity.
- * The Finally section is empty.

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

Therefore, option B is correct.

QUESTION NO: 16

REFramework テンプレート

プロジェクトのどこで「SetTransactionStatus.xaml」が呼び出されますか?

- A. Process Transaction 状態の Try Catch アクティビティの Final セクション。
- B. End Process 状態の Try Catch アクティビティの Try セクション。
- C. Process Transaction 状態の Try Catch アクティビティの Try セクションと Catches セクション。
- D. Process Transaction 状態の Try Catch アクティビティの「Catches」セクション。

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)

QUESTION NO: 17

アプリケーション アクセスで制御できるデータベース操作はどれですか? (回答を 2 つ選択してください)

- A. 作成
- B. 実行
- C. 更新
- D. クエリ

Answer: C D

Explanation:

Comprehensive and Detailed Explanation:

In ServiceNow, Application Access settings determine which operations external applications can perform on a table within a Scoped Application.

The primary database operations that can be controlled through Application Access settings are:

Update (Option C - Correct)

Query (Option D - Correct)

* Option A (Create) (Incorrect):

* The Application Access settings do not explicitly control record creation. Create permissions

are typically managed through Access Control Lists (ACLs) rather than Application Access settings.

* Option B (Execute) (Incorrect):

* "Execute" is not a valid database operation for Application Access. Execution privileges typically apply to scripted APIs or background scripts rather than database operations.

Example: Controlling Application Access on a Table

In the Table Configuration, under Application Access, you can enable or disable:

Allow access to this table from other applications

Can read (Query)

Can update

Can delete

These settings restrict or allow other applications to perform query and update operations on the table's records.

QUESTION NO: 18

アプリケーションとのやり取りを自動化するために、アンカーベースアクティビティが使用されるのはいつですか？

- A. 要素セレクターが信頼できず、画面上の要素の位置が変わる場合
- B. 要素セレクターは信頼できるが、画面上の要素の位置が変わる場合
- C. アプリケーション内のすべての要素セレクターが信頼できる場合
- D. 自動化されたアプリケーションで要素セレクターが利用できない場合

Answer: A

Explanation:

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

QUESTION NO: 19

デバッグプロセス中の UiPath Studio の即時パネルの機能は何ですか？

A.

変数、引数、またはステートメントを評価することにより、デバッグ中に特定の時点でデータを検査します。

B.

プロジェクトがデバッグで一時停止されているときに、実行される次のアクティビティとその親コンテナを表示します。

C. すべての操作のパフォーマンス分析を表示し、各アクティビティの実行時間を示します。

D. 実行プロセスを表示し、変数と引数の値を変更できるようにします。

Answer: A

Explanation:

The Immediate Panel in UiPath Studio is primarily used during debugging to evaluate expressions, variables, and arguments in real time.

- * It allows developers to inspect values dynamically without needing to stop execution.
 - * Useful for debugging complex expressions and checking the result of statements without modifying the workflow.
 - * Works similarly to debugging consoles in development environments like Visual Studio.
- # Reference: UiPath Official Documentation - Debugging in Studio

QUESTION NO: 20

開発者は、String 変数からフォルダー名の配列を作成する必要があります。ファイルパス = 「C:\ユーザー\UiPathRobot\ドキュメント\テクノロジー」。ベストプラクティスに基づく、フォルダー名のみを返すメソッドはどれですか？

- A. Split(filePath/V)
- B. Spht(filePath, "\": StringSplitOptions.RemoveEmptyEntries)
- C. SplitV, filePath. StringSplitOptions.RemoveEmptyEntries)
- D. SplitV', filePath)

Answer: B

Explanation:

To create an array of folder names from the String variable filePath, the method that will return an array of only the folder names is:

```
Split(filePath, "").StringSplitOptions.RemoveEmptyEntries
```

This method uses the String.Split method, which returns an array of strings that are separated by a specified delimiter. The delimiter in this case is the backslash character (") which is used to separate the folder names in the file path. The StringSplitOptions.RemoveEmptyEntries option is used to remove any empty entries from the resulting array, such as the one before the first backslash or after the last backslash¹. For example, if the filePath variable has the value:

```
filePath = "C:\Users\UiPathRobot\Documents\Technologies"
```

Then the method Split(filePath, "").StringSplitOptions.RemoveEmptyEntries will return an array of four strings:

```
{"C", "Users", "UiPathRobot", "Documents", "Technologies"}
```

These are the folder names in the file path, without any empty entries.

QUESTION NO: 21

UiPath Studio を Orchestrator に接続すると何が可能になりますか？

- A. 自動化パッケージを Orchestrator に公開します。
- B. オートメーションで使用するキューと引数を定義します。
- C. サードパーティ アプリとの統合で使用する API キーを生成します。
- D. オートメーションで使用する要素のオブジェクト リポジトリを作成します。

Answer: A

Explanation:

Connecting UiPath Studio to Orchestrator enables several features, including publishing automation packages directly to Orchestrator. This connection is crucial for deploying processes and managing automation workflows at scale. It does not directly enable defining

queues and arguments for automations (option B), generating API keys for third-party integrations (option C), or creating an Object Repository of elements (option D), although these can be managed within Orchestrator once the package is published.

QUESTION NO: 22

開発フェーズが完了すると、開発者はユーザー受け入れテスト中に、アプリケーション内のUI

要素に関連付けられたセレクターが変更されたことに気が付きます。この中断により、自動化が誤動作し、意図したとおりに動作しなくなります。

UiPath

ガイドラインによれば、この問題をデバッグして解決するために開発者が実行すべき適切な一連のアクションは何ですか？

手順: 左側にある説明をドラッグし、右側にある正しいステップにドロップします。

The screenshot shows the question interface. On the left, under 'Description', there are four text boxes:

- Examine the error logs to determine the error's source and identify the activity that threw the exception.
- Execute the process in Debug mode to confirm that the exception does not occur during runtime.
- Modify the problematic selector to enhance its flexibility and resilience.
- Verify the selector's accuracy, then insert a breakpoint at the activity in question.

 On the right, under 'Order of Steps', there is a vertical list of four empty boxes labeled Step 1, Step 2, Step 3, and Step 4.

Answer:

The screenshot shows the answer interface. The descriptions on the left are the same as in the question. On the right, the 'Order of Steps' list is populated with the following sequence:

- Step 1: Examine the error logs to determine the error's source and identify the activity that threw the exception.
- Step 2: Verify the selector's accuracy, then insert a breakpoint at the activity in question.
- Step 3: Modify the problematic selector to enhance its flexibility and resilience.
- Step 4: Execute the process in Debug mode to confirm that the exception does not occur during runtime.

 The first two steps are enclosed in a red dashed border, indicating the correct order.

Explanation:

| Description (Left) | Correct Order of Steps (Right) |
|--|--------------------------------|
| Examine the error logs to determine the error's source and identify the activity that threw the exception. | Step 1 |
| Verify the selector's accuracy, then insert a breakpoint at the activity in question. | Step 2 |
| Modify the problematic selector to enhance its flexibility and resilience. | Step 3 |
| Execute the process in Debug mode to confirm that the exception does not occur during runtime. | Step 4 |

When a UI element selector changes, it can break automation. The proper debugging sequence ensures an effective fix while preventing future failures.

Step 1: Examine Error Logs

First, review error logs in the Output Panel to locate the failing activity.

* This helps determine which selector is causing the issue.

* Use UiPath's Exception Details to pinpoint the problem.

Step 2: Verify Selector and Insert Breakpoint

Open UI Explorer to inspect the failing selector.

* Compare the new selector vs. old selector.

* Use a Breakpoint at the failing activity to analyze execution in Debug Mode.

Step 3: Modify Selector for Flexibility

Adjust the selector to make it more resilient by:

* Using Wildcards (*) for dynamic attributes.

* Implementing Anchor-based selectors.

* Utilizing Modern UI Automation if applicable.

Step 4: Execute in Debug Mode

Run the automation in Debug Mode to verify that:

* The updated selector correctly identifies the UI element.

* No further exceptions occur during runtime.

QUESTION NO: 23

「Main.xaml」ファイルには、String

型の「In」引数があり、デフォルト値は「String.Empty」です。UiPath Orchestrator の [ジョブの開始] ウィンドウからプロセスを実行するときの引数のランタイム値は何ですか？

A. "Main.xaml" ファイルでは引数が許可されていないため、ランタイムエラーが発生します。

B. デフォルト値の「String.Empty」のみが使用され、Orchestrator で提供される値はすべてオーバーライドされます。

C. @ Orchestrator

で入力引数が指定されている場合は、それらの値が使用されます。それ以外の場合は、デフォルト値の「String.Empty」が使用されます。

D. 入力ダイアログ

ボックスでユーザーに値の入力を求めるプロンプトが表示され、その値が使用されます。

Answer: C

Explanation:

When a process is executed from the Start Job window in UiPath Orchestrator, the runtime value of an "In" argument in the "Main.xaml" file will be the value provided in Orchestrator if specified. If no value is provided in Orchestrator for this argument, then the default value specified in the "Main.xaml" file will be used, in this case, "String.Empty". Therefore, option C is correct. Arguments can be passed to the "Main.xaml" file from Orchestrator, and there is a mechanism to handle default values for arguments in case they are not provided at runtime.

QUESTION NO: 24

デバッグ実行の進行中にリモート デバッグ接続を閉じるとどうなりますか？

- A. デバッグの実行は正常に停止し、接続が閉じられます。
- B. Studio が接続を閉じた後、リモート ロボットは実行を継続します。
- C. デバッグ中は接続を切断できません。
- D. デバッグ実行が例外で終了し、接続が閉じられます。

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)

QUESTION NO: 25

REFramework で機能テスト ケースを実行するための前提条件は何ですか？

- A. プロセス XAML ファイルの呼び出し
- B. InitAllSettings XAML ファイルを呼び出す
- C. SetTransactionStatus XAML ファイルを呼び出します
- D. メイン XAML ファイルを呼び出します

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)

QUESTION NO: 26

クロスプラットフォーム互換性を備えた Studio Web で新しいプロジェクトを作成する場合、プロジェクトがクラウド互換であることを確認するには、式にどの言語を選択する必要がありますか？

- A. VB
- B. C#
- C. ジャワ
- D. パイソン

Answer: B

Explanation:

Studio Web is UiPath's cloud-based automation platform that enables cross-platform compatibility (Windows, Linux, Mac).

Why is B Correct?

C# is the recommended language because:

- * Cloud projects in UiPath are built using .NET Core, which supports C# natively.
- * VB is not supported in cross-platform execution.
- * C# ensures compatibility with Linux-based cloud environments.

QUESTION NO: 27

提供されている展示では、yyyy-mm-dd形式を使用した「期限」フィールドの表現が表示されます。

| Queue Item Name | Deadline | Priority |
|-----------------|------------|----------|
| EmployeeID1 | | Normal |
| EmployeeID2 | 2050-01-01 | High |
| EmployeeID3 | 2050-01-02 | High |
| EmployeeID4 | 2050-01-01 | Normal |
| EmployeeID5 | 2050-01-02 | Low |
| EmployeeID6 | | High |
| EmployeeID7 | 2050-01-01 | Low |
| EmployeeID8 | 2050-01-01 | Normal |
| EmployeeID9 | | Low |

パフォーマーワークフローを実行する1台のロボットによってキューアイテムがどの順序で処理されるべきですか？

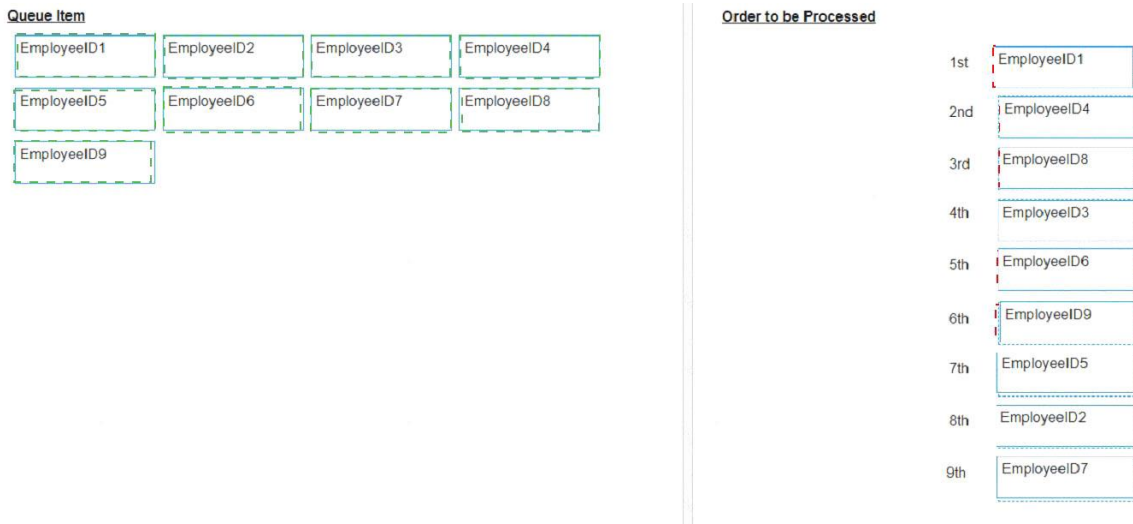
Queue Item

| | | | |
|-------------|-------------|-------------|-------------|
| EmployeeID1 | EmployeeID2 | EmployeeID3 | EmployeeID4 |
| EmployeeID5 | EmployeeID6 | EmployeeID7 | EmployeeID8 |
| EmployeeID9 | | | |

Order to be Processed

| | |
|-----|----------------------|
| 1st | <input type="text"/> |
| 2nd | <input type="text"/> |
| 3rd | <input type="text"/> |
| 4th | <input type="text"/> |
| 5th | <input type="text"/> |
| 6th | <input type="text"/> |
| 7th | <input type="text"/> |
| 8th | <input type="text"/> |
| 9th | <input type="text"/> |

Answer:



Explanation:

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

- * EmployeeID1
- * EmployeeID4
- * EmployeeID8
- * EmployeeID3
- * EmployeeID6
- * EmployeeID9
- * EmployeeID5
- * EmployeeID2
- * EmployeeID7

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

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

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

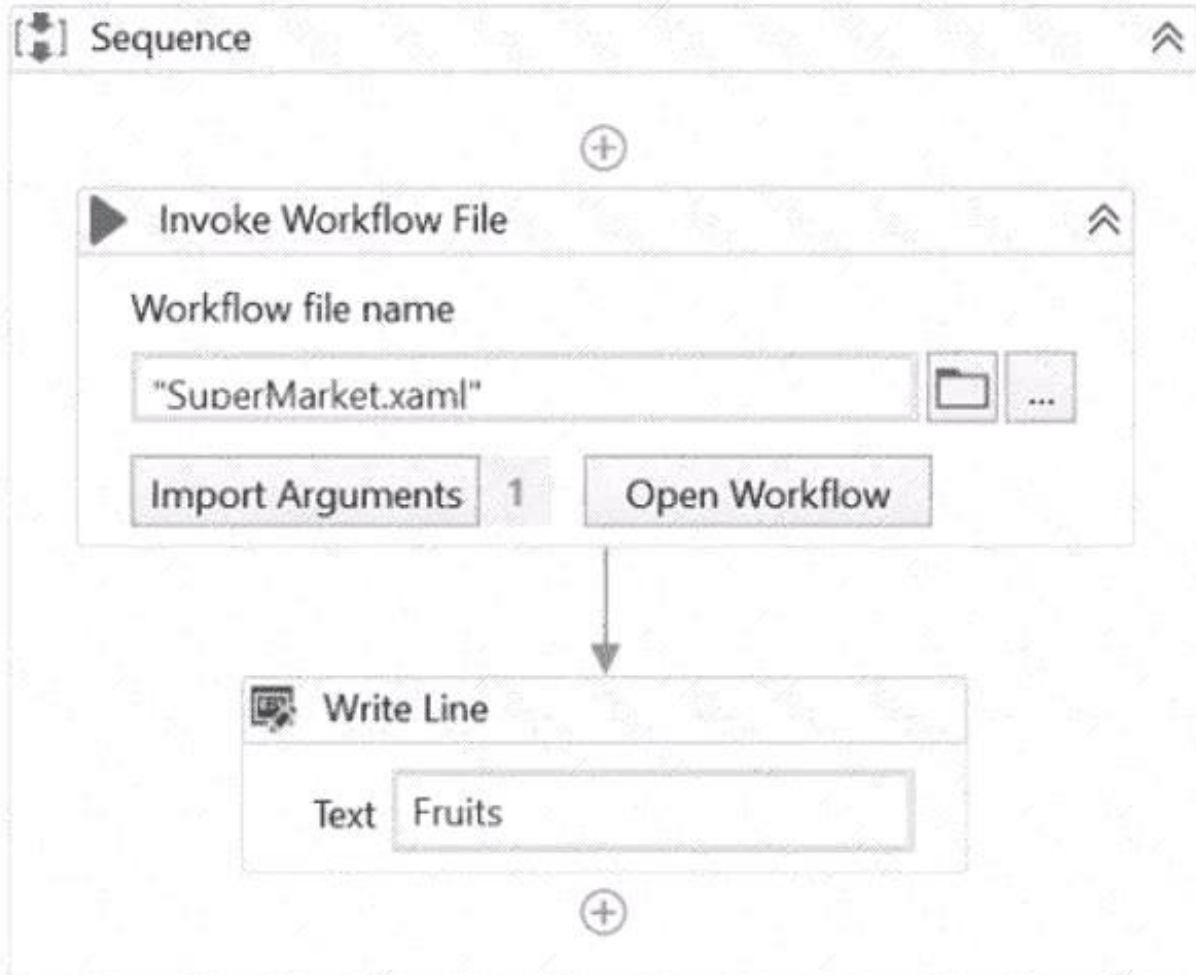
- * EmployeeID1 has the earliest deadline (2050-01-01) and high priority, so it is processed first.
- * EmployeeID4 has the same deadline as EmployeeID1, but normal priority, so it is processed second.
- * EmployeeID8 has the same deadline and priority as EmployeeID4, but it was added later to the queue, so it is processed third.
- * EmployeeID3 has the next earliest deadline (2050-01-02) and high priority, so it is processed fourth.
- * EmployeeID6 has the same deadline as EmployeeID3, but normal priority, so it is processed fifth.
- * EmployeeID9 has the same deadline and priority as EmployeeID6, but it was added later to

the queue, so it is processed sixth.

- * EmployeeID5 has no deadline, but high priority, so it is processed seventh.
- * EmployeeID2 has no deadline and normal priority, so it is processed eighth.
- * EmployeeID7 has no deadline and low priority, so it is processed ninth.

QUESTION NO: 28

開発者は、以下を含む自動化プロセスを作成しました。



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:

The screenshot shows two windows. The top window is titled 'SuperMarket' and contains a sequence of activities. The first activity is 'Assign - Inside SuperMarket Sequence', which has an expression 'out_ShoppingBasket = out_ShoppingBasket'. The bottom window is titled 'Expression Editor' and shows the value '1 out_ShoppingBasket + \", Orange\"' in the 'Value (InArgument)' field.

展示に示されている情報に基づくと、Main.xaml ファイルの Write Line アクティビティの出力は何ですか？

- A. アップル
- B. オレンジ
- C. アップルオレンジ
- D. オレンジアップル

Answer: B

Explanation:

The Write Line activity is used to write a specified text to the Output panel. The text can be a string literal, a variable, or an expression. In this case, the Write Line activity in the Main.xaml file has the text

"out_ShoppingBasket + ", "Orange"". The out_ShoppingBasket is a variable of type String, which is declared in the Main xaml file and has the default value of "Apple". The variable is passed as an argument to the SuperMarket xaml file, where it is assigned a new value of "Orange". The argument direction is Out, which means that the value of the argument is passed back to the Main xaml file after the execution of the SuperMarket xaml file. Therefore, the value of the out_ShoppingBasket variable in the Main xaml file is changed from "Apple" to "Orange". The expression "out_ShoppingBasket + ", "Orange"" concatenates the value of the out_ShoppingBasket variable with a comma and a space, followed by the string literal "Orange".

The result of this expression is "Orange, Orange". The Write Line activity writes this text to the Output panel.

Therefore, the answer is B. Orange. References: Write Line, Variables, Arguments

QUESTION NO: 29

PDF テキストの読み取りアクティビティを使用して .pdf ファイルの最初のページのみを読み取るには、Range プロパティにどのような値を入力する必要がありますか？

- A. "1"
- B. ""
- C. (0)
- D. 1

Answer: A

Explanation:

The Read PDF Text activity in UiPath allows users to extract text from a PDF file. The Range property determines which pages should be read.

* Correct Syntax for Reading a Specific Page:

* To read only page 1, you need to enter "1" in the Range property.

* This tells UiPath to extract text only from the first page of the document.

* Why Other Options Are Incorrect:

* B ("") # An empty string means all pages will be read, which is not what the question asks.

* C ((0)) # Incorrect because UiPath follows 1-based indexing, not 0-based.

* D (1) # Incorrect because the Range property expects a string value ("1"), not a numeric input.

QUESTION NO: 30

UiPath Integration Service でトリガーはどのような役割を果たしますか？

- A. UiPath Studio とサードパーティ アプリケーション間の接続を管理します。
- B. Orchestrator からスケジュールに基づいてプロセスを開始するメカニズムを提供します。
- C. イベントベースのアクティビティを提供することで、自動化プロジェクトの作成を支援します。
- D. サードパーティ アプリケーションから特定のイベントをサブスクライブし、Orchestrator でプロセスを自動的に開始するメカニズムを提供します。

Answer: D

Explanation:

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

QUESTION NO: 31

オンライン

サービス内の複数のドキュメントからデータを抽出して検証するなどのドキュメント処理タスクを自動化したいと考えています。UiPath Studio Web を使用してこれを実現するにはどうすればよいでしょうか。

A. Studio Web

のドキュメント理解機能を使用して、ドキュメントを抽出、処理、検証します。

B. オンライン サービスのネイティブ データ エクスポート機能を利用して、Studio Web を使用せずにドキュメント処理を自動化します。

C. Studio Web

でループを作成してドキュメントの詳細をスプレッドシートに入力し、手動のデータ入力を自動化します。

D. プログラミング コードを使用して Studio Web でカスタム

スクリプトを作成し、ドキュメントからデータを抽出して検証します。

Answer: A

Explanation:

UiPath Studio Web supports Document Understanding for processing structured and unstructured documents in cloud-based automation.

* The Document Understanding feature in Studio Web allows:

* Extracting key data fields from documents.

* Validating and classifying document types.

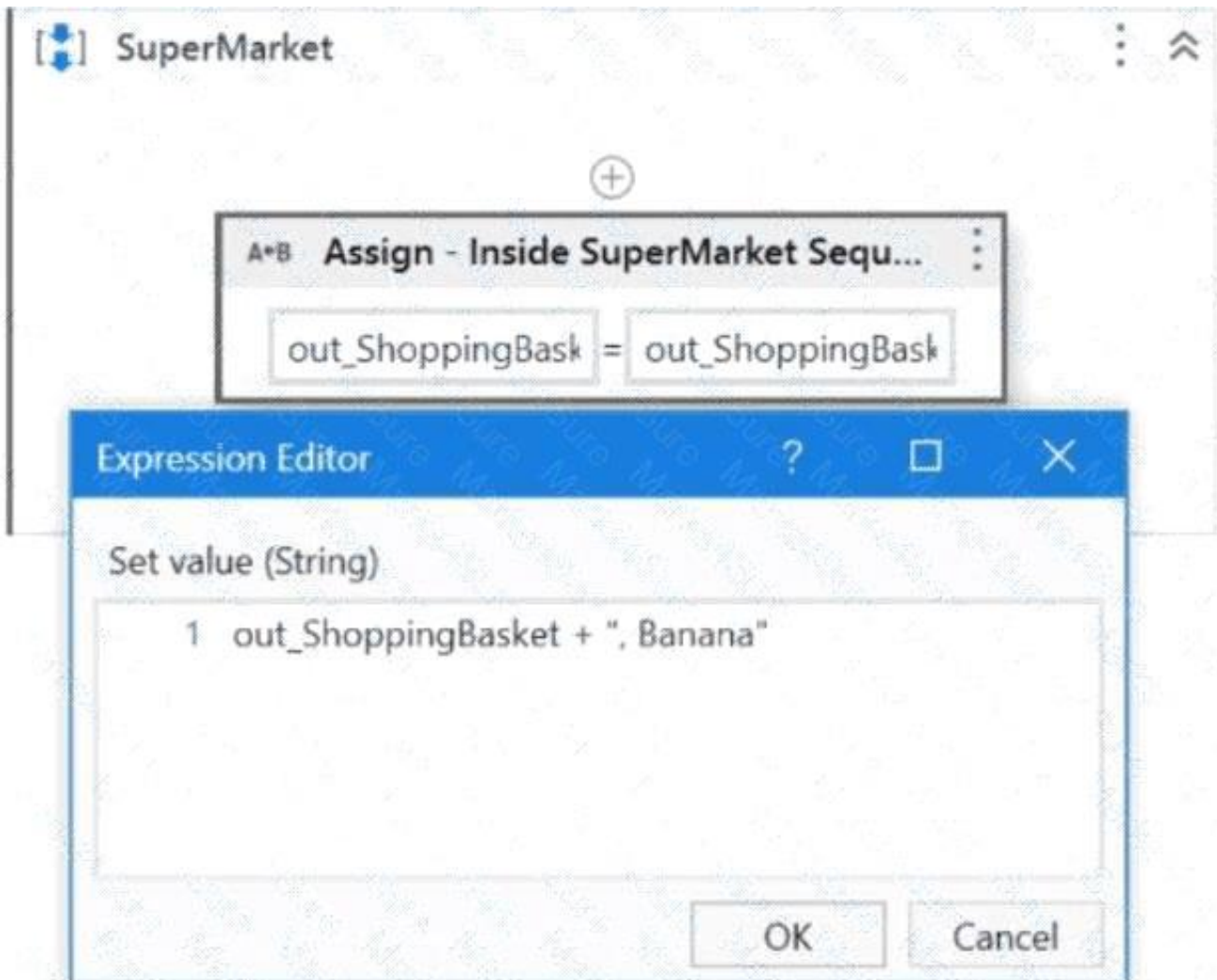
* Using AI models and OCR engines for text extraction.

* This is the most efficient way to handle large-scale document processing without manual intervention.

Reference: UiPath Studio Web - Document Understanding

QUESTION NO: 32

「Main.xaml」ファイルの Write Line アクティビティの出力は何ですか？



- A. 、バナナ
- B. バナナ
- C. スイカ
- D. スイカ、バナナ

Answer: D

Explanation:

Comprehensive and Detailed In-Depth Explanation:

This question is based on passing arguments between workflows in UiPath.

Step-by-Step Execution Guide: Passing Arguments Between Workflows

1## Main.xaml contains:

* A variable Fruits = "Watermelon".

2## SuperMarket.xaml contains:

* An argument out_ShoppingBasket = out_ShoppingBasket + ", Banana".

3## Execution Flow:

* SuperMarket.xaml receives "Watermelon".

* The out_ShoppingBasket variable appends ", Banana" to "Watermelon".

* Main.xaml logs the final value: "Watermelon, Banana".

This demonstrates how arguments modify data across workflows!

Reference:

* UiPath Documentation: Working with Arguments

QUESTION NO: 33

条件に基づいてリストまたはデータ テーブル内のデータをフィルター処理するためにどの LINQ メソッドが使用されますか？

- A. オーダーバイ
- B. Where
- C. グループ化
- D. 選択

Answer: B

Explanation:

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

QUESTION NO: 34

開発者は、公開されたパッケージを UiPath Orchestrator 2021.10 からダウンロードしてローカルで使用します。ダウンロードしたパッケージの拡張子は何ですか？

- A. .csproj
- B. .dll
- C. .nupkg
- D. .zip

Answer: C

Explanation:

The extension of the downloaded package from UiPath Orchestrator 2021.10 to use locally is .nupkg. A package is a file that contains the workflows and the dependencies of a project that is ready to be executed by a robot. A package can be created and published from UiPath Studio, or uploaded manually to UiPath Orchestrator. A package can also be downloaded from UiPath Orchestrator to use locally, such as for debugging or testing purposes. The extension of the package file is .nupkg, which is the standard extension for NuGet packages. NuGet is a package manager that is used to manage the dependencies of a project, such as libraries, frameworks, or components³. A .nupkg file is essentially a ZIP archive that contains the files and metadata of the package⁴. For example, if a package named Process1 is downloaded from UiPath Orchestrator, the file name and extension will be Process1.nupkg. The .nupkg file can be opened or extracted using a ZIP utility, such as 7-Zip or WinZip, or renamed to .zip and extracted using Windows Explorer⁵.

QUESTION NO: 35

UiPath Assistant が提供する機能は次のどれですか？

- A. UiPath Studio での自動化ワークフローの開発。
- B. ユーザーのマシン上で自動化ワークフローを実行、管理、整理します。
- C. Orchestrator でのロボット プロセスのスケジュールと監視。

D. プロセスを分析して最適な自動化ソリューションを決定します。

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.