

RPA Specialization

Course 4: Control Flow in RPA

Practice Exercise-Parallel Activity

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Build a workflow using a Parallel activity to do the following:

- Open www.rpachallenge.com
- Fill all the seven fields on the webpage parallelly using seven Type Into activities inside a Parallel Activity

Process Overview

- START
- Use a Sequence activity
- In the Sequence activity, use an Open Browser activity to open the RPAChallenge website "www.rpachallenge.com"
- In the **Do** Section of the Open Browser activity, use a Parallel activity
- Inside the Parallel activity, use seven Type Into activities to fill the seven fields in the webpage
- STOP

Step-by-Step Process

Step 1: Open Studio.

Step 2: Create a new process and name it as "Parallel Activity".

Step 3: Drag and drop a Sequence activity in the designer panel.

Step 4: Name the Sequence activity as "Sequence – 'This code is to understand the working of the parallel activity.'"

Step 5: Right-click on the Sequence activity container and select *Annotations* from the context menu.

Step 6: Enter the annotation "This code is to understand the working of the parallel activity".

Step 7: Drag and Drop an Open Browser activity inside the Sequence activity. Rename the activity as "Open Browser – RPA Challenge Website". Add an annotation "Opens RPAChallenge Website.".

Step 8: In the Properties panel of the Open Browser activity, select 'Edge' from the Browser Type dropdown.

Step 9: In the URL textbox of the Open Browser activity, enter "www.rpachallenge.com" in double quotes.

Step 10: Drag and Drop a Maximize Window activity inside the Do section of the Open Browser activity. This activity will maximize the browser window.

Step 11: In the Design ribbon, click Debug File and select Run from the dropdown menu. The webpage is opened successfully.

Step 12: Drag and drop a Parallel activity below the Maximize Window activity. Rename the activity as "Parallel – RPA Challenge Form" and add an annotation "This activity executes several Type into activities in parallel."

Step 13: Drag and drop seven Type Into activities inside the Parallel activity.

Step 14: Rename the first Type Into activity as "Type Into – First Name".

Step 15: Click the "Indicate element inside browser" link of the first Type Into activity and select the First Name textbox of the RPA Challenge webpage.

Step 16: Click the Hamburger icon of the first Type Into activity and select Open in UiExplorer.

Step 17: Click the Indicate anchor option of the UiExplorer window and select the First Name label of the RPA Challenge webpage.

Step 18: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 19: In the text area of the first Type Into activity, enter "John" as first name in double quotes.

Step 20: Navigate to the Properties Panel of the first Type Into activity and check the "Simulate Type" option to set its value to True.

Step 21: Now, we will repeat step 13 to step 18 for the next six Type Into activities.

Step 22: Rename the second Type Into activity as "Type Into – Last Name".

Step 23: Click the "Indicate element inside browser" link of the second Type Into activity and select the Last Name textbox of the RPA Challenge webpage.

Step 24: Click the Hamburger icon of the second Type Into activity and select Open in UiExplorer.

Step 25: Click the Indicate anchor option of the UiExplorer window and select the Last Name label of the RPA Challenge webpage.

Step 26: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 27: In the text area of the second Type Into activity, enter "Smith" as last name in double quotes.

Step 28: Navigate to the Properties Panel of the second Type Into activity and check the "Simulate Type" option to set its value to True.

Step 29: Rename the third Type Into activity as "Type Into – Company Name".

Step 30: Click the "Indicate element inside browser" link of the third Type Into activity and select the Company Name textbox of the RPA Challenge webpage.

Step 31: Click the Hamburger icon of the third Type Into activity and select Open in UiExplorer.

Step 32: Click the Indicate anchor option of the UiExplorer window and select the Company Name label of the RPA Challenge webpage.

Step 33: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 34: In the text area of the third Type Into activity, enter "UiPath" as company name in double quotes.

Step 35: Navigate to the Properties Panel of the third Type Into activity and check the "Simulate Type" option to set its value to True.

Step 36: Rename the fourth Type Into activity as "Type Into – Role in Company".

Step 37: Click the "Indicate element inside browser" link of the fourth Type Into activity and select the Role in Company textbox of the RPA Challenge webpage.

Step 38: Click the Hamburger icon of the fourth Type Into activity and select Open in UiExplorer.

Step 39: Click the Indicate anchor option of the UiExplorer window and select the Role in Company label of the RPA Challenge webpage.

Step 40: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 41: In the text area of the fourth Type Into activity, enter "Developer" as role in company in double quotes.

Step 42: Navigate to the Properties Panel of the fourth Type Into activity and check the "Simulate Type" option to set its value to True.

Step 43: Rename the fifth Type Into activity as "Type Into – Address".

Step 44: Click the "Indicate elment inside browser" link of the fifth Type Into activity and select the Address textbox of the RPA Challenge webpage.

Step 45: Click the Hamburger icon of the fifth Type Into activity and select Open in UiExplorer.

Step 46: Click the Indicate anchor option of the UiExplorer window and select the Address label of the RPA Challenge webpage.

Step 47: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 48: In the text area of the fifth Type Into activity, enter "Street 12, Midway 45" as address in double quotes.

Step 49: Navigate to the Properties Panel of the fifth Type Into activity and check the "Simulate Type" option to set its value to True.

Step 50: Rename the sixth Type Into activity as "Type Into – Address".

Step 51: Click the "Indicate elment inside browser" link of the sixth Type Into activity and select the Phone Number textbox of the RPA Challenge webpage.

Step 52: Click the Hamburger icon of the sixth Type Into activity and select Open in UiExplorer.

Step 53: Click the Indicate anchor option of the UiExplorer window and select the Phone Number label of the RPA Challenge webpage.

Step 54: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 55: In the text area of the sixth Type Into activity, enter "9876543210" as phone number in double quotes.

Step 56: Navigate to the Properties Panel of the sixth Type Into activity and check the "Simulate Type" option to set its value to True.

Step 57: Rename the seventh Type Into activity as "Type Into – Email".

Step 58: Click the "Indicate elment inside browser" link of the seventh Type Into activity and select the Email textbox of the RPA Challenge webpage.

Step 59: Click the Hamburger icon of the seventh Type Into activity and select Open in UiExplorer.

Step 60: Click the Indicate anchor option of the UiExplorer window and select the Email label of the RPA Challenge webpage.

Step 61: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 62: In the text area of the seventh Type Into activity, enter "john.smith@mail.com" as Email in double quotes.

Step 63: Navigate to the Properties Panel of the seventh Type Into activity and check the "Simulate Type" option to set its value to True.

Step 64: Save and Run the workflow.