

PRACTICAL NO. 7

A. Aim: Implement the attach window activity.

Table Extraction:

Steps: -

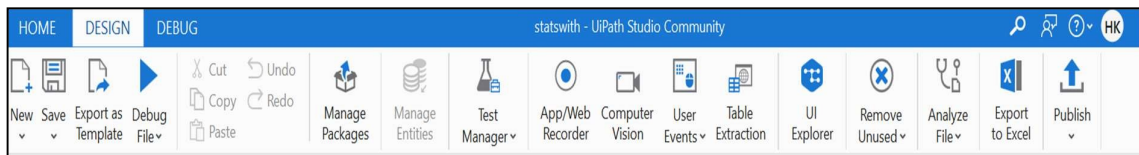
Step 1: Open UiPath Studio.

Step 2: Start a BlankProcess. Give the BlankProcess a name.

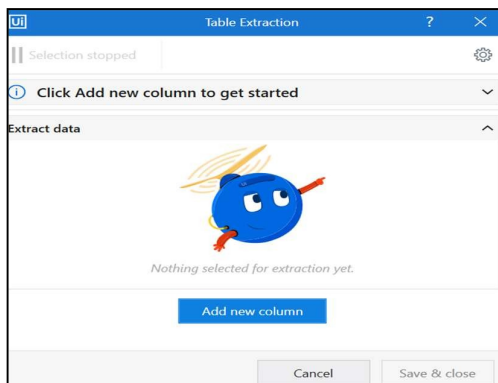
Step 3: Drag and drop the Sequence Activity from the Activity Panel.

Step 4: Now drag and drop the Use Application/Browser. Indicate the screen where you want to extract data(Google Chrome -> https://www.w3schools.com/html/html_tables.asp).

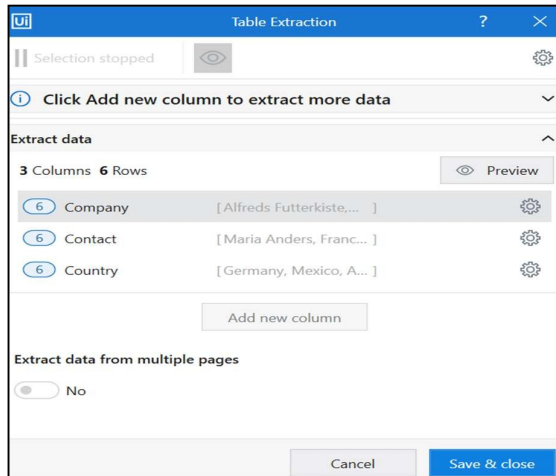
Step 5: In Ribbon Panel go to the Design and click on Table Extraction. Add Table Extraction in Do part of Use Application/Browser.



Step 6: Open the website where you want to extract data. Click on Add new Column then click on Extract data.



Step 7: It will display all the data as shown in the image below.



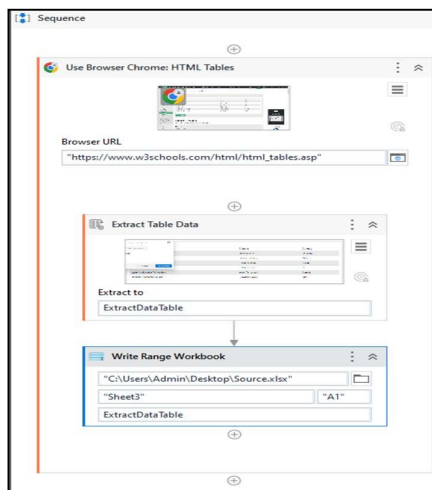
Step 7: Next click on Save and Close. If you wish to extract multiple pages then press the on button for Extract data for Multiple pages

Sep 8: A default variable of Sytem.Datatable “ExtractData Table” is created, set its scope from Sequence.

Step 9: Take Write Range Workbook Activity.

Step 10: Create an empty excel file with and save it. Give a desired path of excel file in the Write Range Workbook. Also give the “sheet name” (Sheet3) and assign the cell you want to write from(“A1”). Type the created variable ExtractData Table in the text field.

Step 11: Run.



	A	B	C	D	E
1	Company	Contact	Country		
2	Alfreds Futterkiste	Maria Anders	Germany		
3	Centro comercial	Antonio	Mexico		
4	Ernst Handel	Roland Maier	Austria		
5	Island Trading	Helen Bennett	UK		
6	Laughing l	Yoshi Tanaka	Canada		
7	Magazzini	Giovanni Rossi	Italy		
8					

Conclusion

The practical to implement attach window was successfully executed.

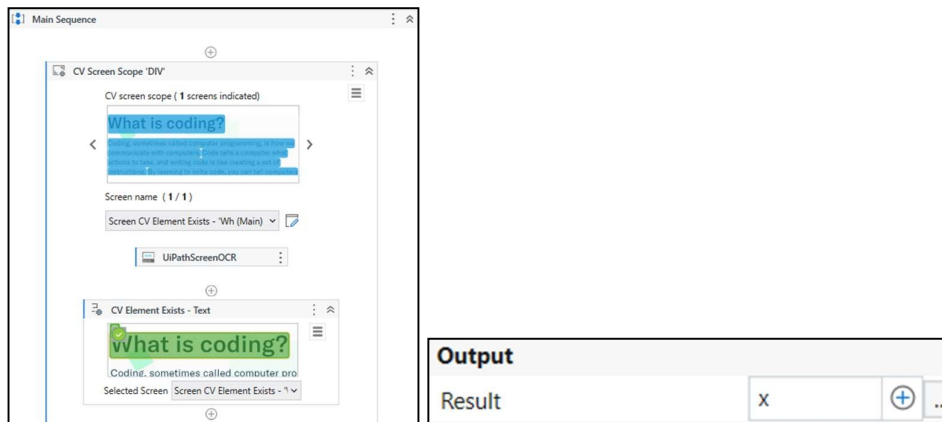
B. Aim: Find different controls using UiPath.

1. Element Exists:

Step 1: Drag and drop sequence activity in the workflow.

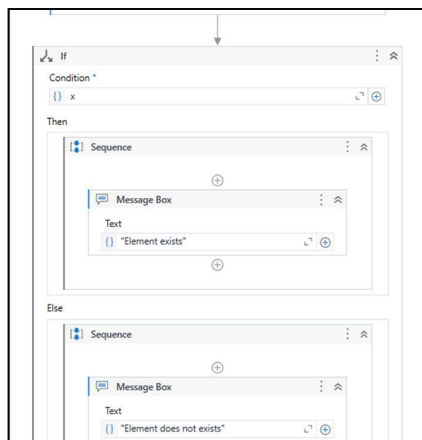
Step 2: Drag and drop “CV Screen Scope” Activity. Indicate the screen.

Step 3: Drag and drop “CV Element Exists” Activity. Indicate the Element. Create and set an output variable to store the Boolean Value Output.

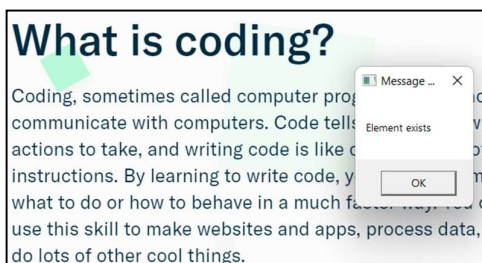


Step 4: drag and drop If activity and set its condition.

Step 5: Add two Message Box: one in Then part and another in Else Part to check whether element is exists or not. And Run.



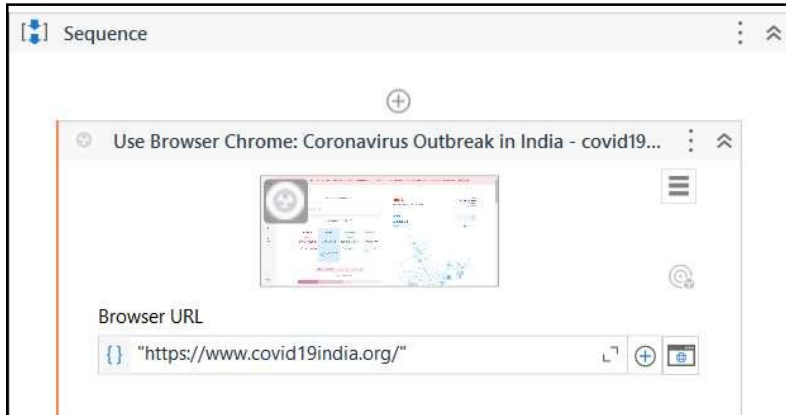
Output:



2. Find Element:

Step 2: Drag and drop “Sequence” in the Activities panel and then drag and drop it onto the Designer Panel.

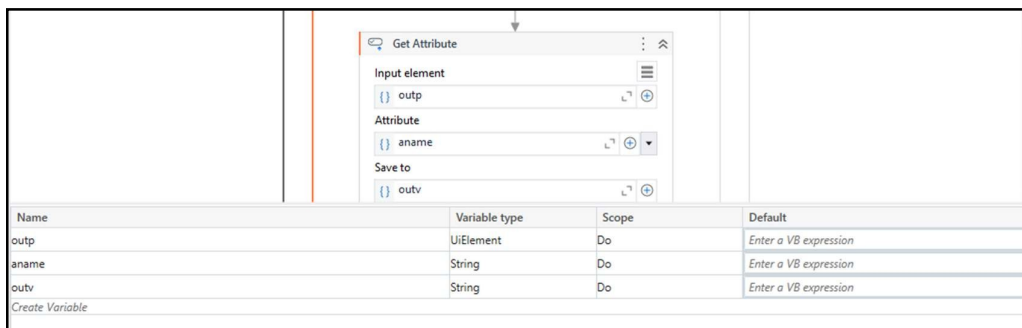
Step 3: Drag and drop “Use Browser/ Application” activity Indicate the screen you want to include in the workflow.



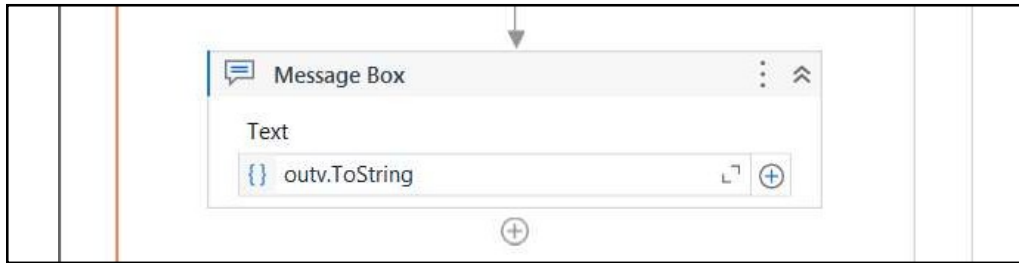
Step 4: Add “Find Element” Activity in the Activities Panel and drag it inside the sequence workflow. Indicate the Element you want to look for and Click on Save & Close. Create and set an output variable to store the Attribute Value Output.



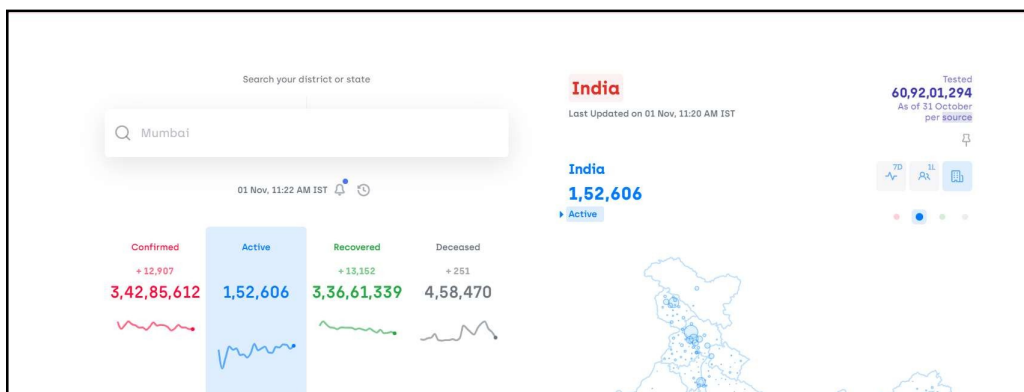
Step 5: Search for “Get Attribute” Activity in the Activities Panel and drag it inside the sequence workflow. Input element as the Find Element output, create and set an attribute value and String output variable.



Step 6: Search for “Message Box” Activity in the Activities Panel and drag it inside the sequence. Enter the Output value.



Step 7: Click the Run button and see the result.

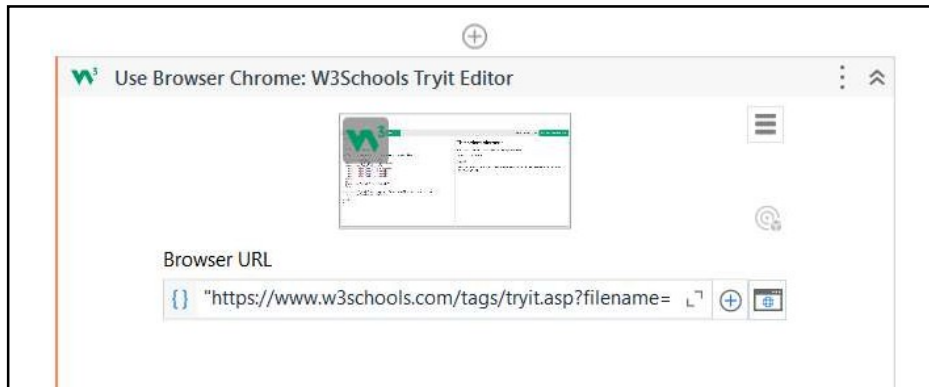


3. Find Children

Steps: -

Step 1: Drag and drop “Sequence” activity in main workflow.

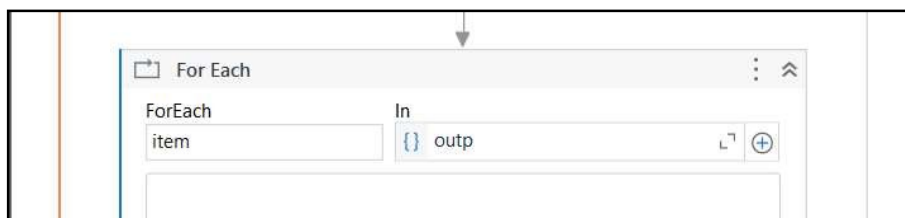
Step 2: Drag and drop “Use Browser/ Application” Activity inside sequence. Indicate the screen you want to include in the workflow.



Step 4: Add “Find Children” Activity in the Activities Panel and drag it inside the sequence workflow. Indicate the Element you want to look for and Click on Save & Close. Create and set an output variable to store the Attribute Value Output.



Step 6: Search for “For Each” Activity in the Activities Panel and drag it inside the sequence workflow.



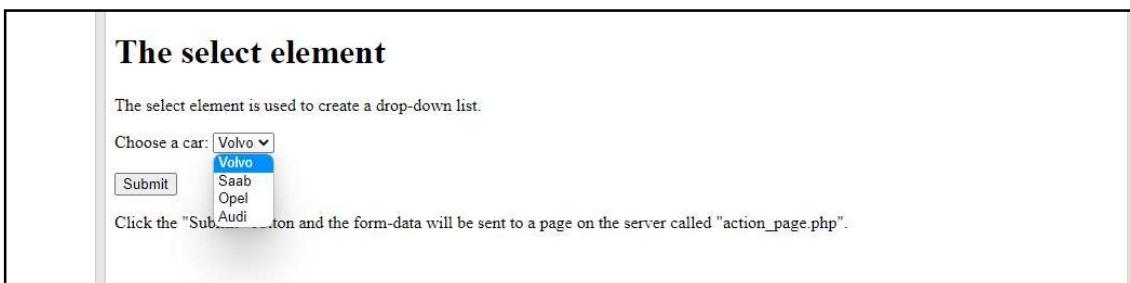
Step 6: Search for “Get Attribute” Activity in the Activities Panel and drag it inside the sequence workflow. Input element as the Find Element output, create and set an attribute value and and String output variable.



Step 6: Search for “Write Line” Activity in the Activities Panel and drag it inside the sequence. Enter the Output value.



Step 7: Click the Run button and see the result.



Conclusion: The practical to find different controls using UiPath is successfully completed.

C. Aim: Demonstrate the following activities in UiPath:

1. Mouse (click, double click and hover)

- **Mouse Click**

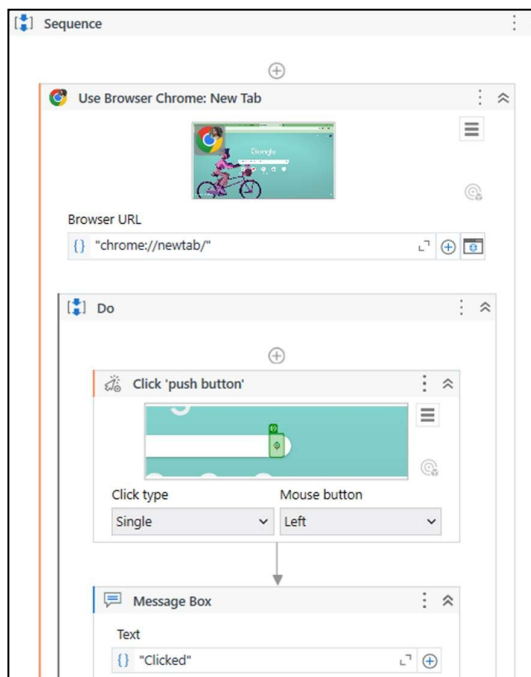
Steps: -

Step 1: Drag and drop a Sequence activity on the Designer panel.

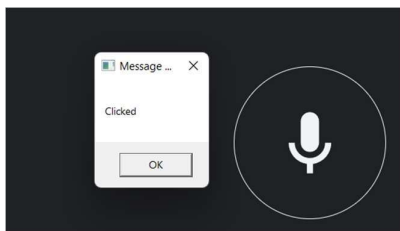
Step 2: Drag and drop use Application/Browser activity.

Step 3: Drag and drop the Click activity.

Step 4: Click on Indicate on screen and indicate the UI element you want to click on:
Hit the Run button to see the result.



Output:



- **Double Click**

Steps: -

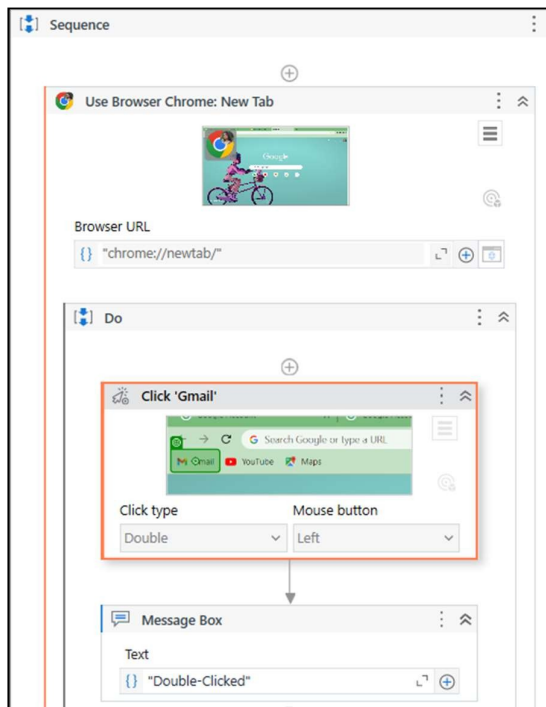
Step 1: Drag and drop a Sequence activity in the Designer panel.

Step 2: Drag and drop use Application/Browser activity.

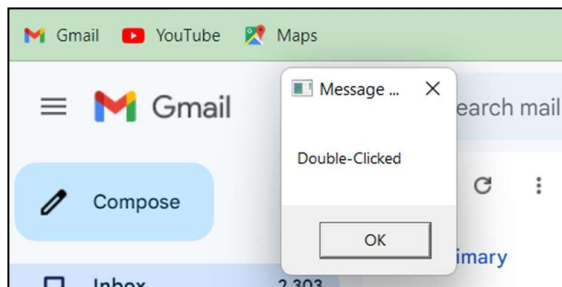
Step 3: Drag and drop the Click activity

Step 4: Indicate the Element you want to double-click on and Click on Save & Close. Select Click Type as “Double”. Click on Indicate on screen and indicate the UI element you want to double-click on

Step 5: Run



Output:



- **Mouse Hover:**

Steps: -

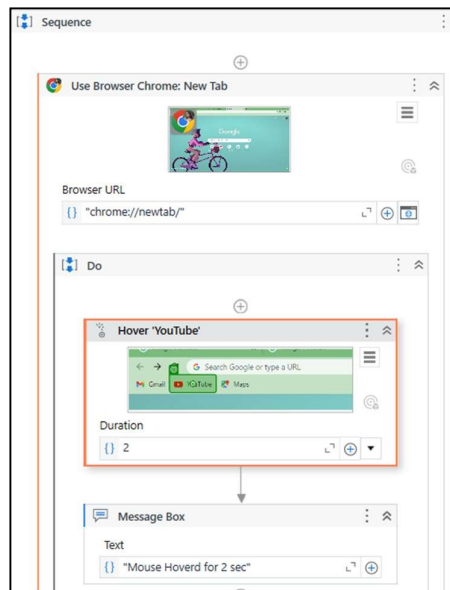
Step 1: Drag and drop a Sequence activity in the Designer panel.

Step 2: Drag and drop use Application/Browser activity.

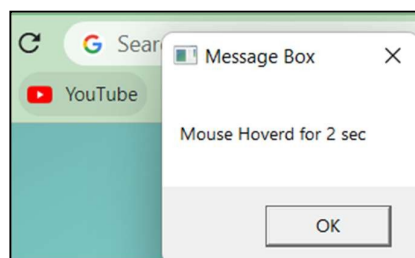
Step 3: Drag and drop the Hover activity.

Step 4: Click on Indicate on screen and indicate the UI element you want to hover on and set duration of 2 sec.

Step 5: Hit the Run button to see the result.



Output:



2. Type into:

Steps: -

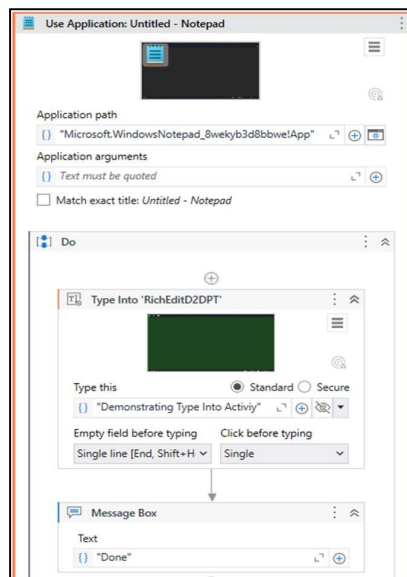
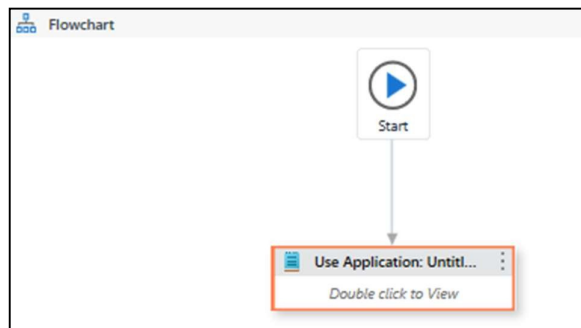
Step 1: Drag and drop Flowchart activity in workflow.

Step 2: Drag and drop Use Application/Browser.

Step 3: Click on “Indicate on screen”. Locate the Notepad screen.

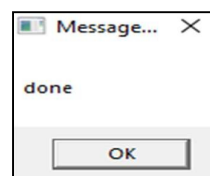
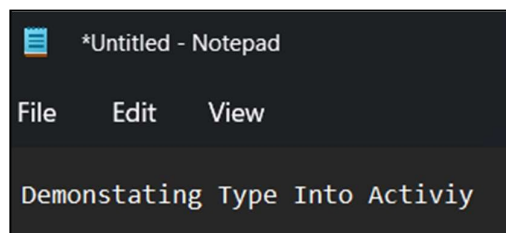
Step 4: Add a Type into Activity and again indicate your screen to Notepad window.

Step 5: Add message box activity to check the project is successful.



Step 6: Run

Output



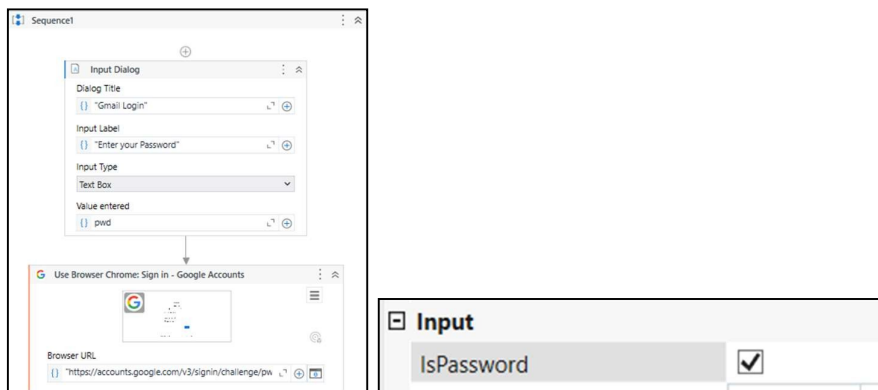
3. Type secure text:

Steps: -

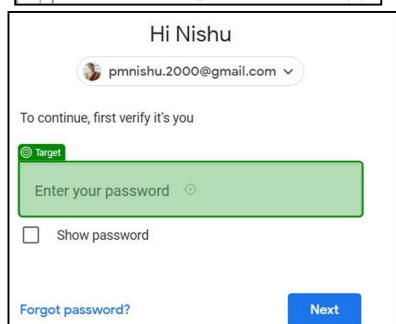
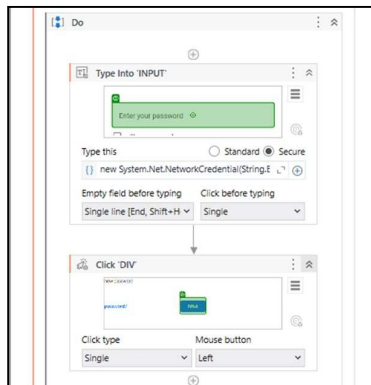
Step 1: Select sequence activity

Step 2: Drag and drop Input dialog activity inside the Sequence. Write the appropriate message on the Label of the Input dialog. Create a variable and specify the variable in the Result property of the Input dialog box. Check the IsPassword property.

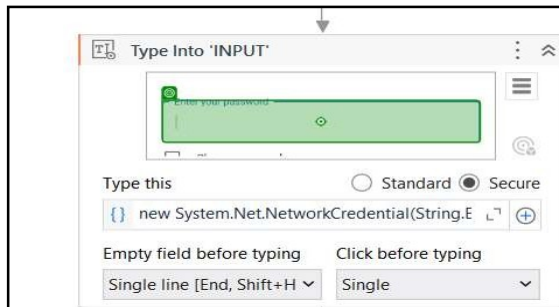
Step 3: Drag and drop “Use Browser/ Application” inside the sequence workflow. Indicate the screen you want to include in the workflow.



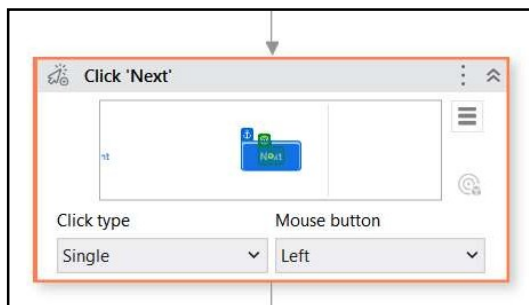
Step 5: Drag and “Type Into” Activity inside the sequence workflow. Indicate the Element you want to click on and Click on Save & Close.



Step 6: Select the Secure Radio Button. Set the variable as Secure String using the code – “new System.Net.NetworkCredential(String.Empty, pwd).SecurePassword”.

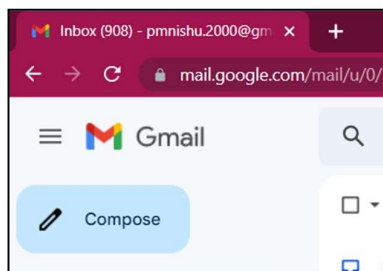
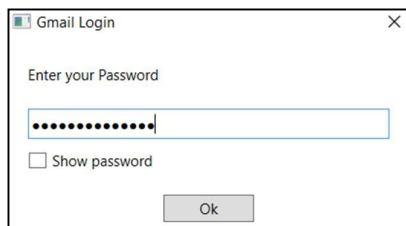


Step 7: Add “Click” Activity and Indicate the “Next” button.



Step 8: Click the Run button and see the result.

Output:



Conclusion: The practical to demonstrate the mouse, type into, type secure text activity using UiPath is successfully completed.