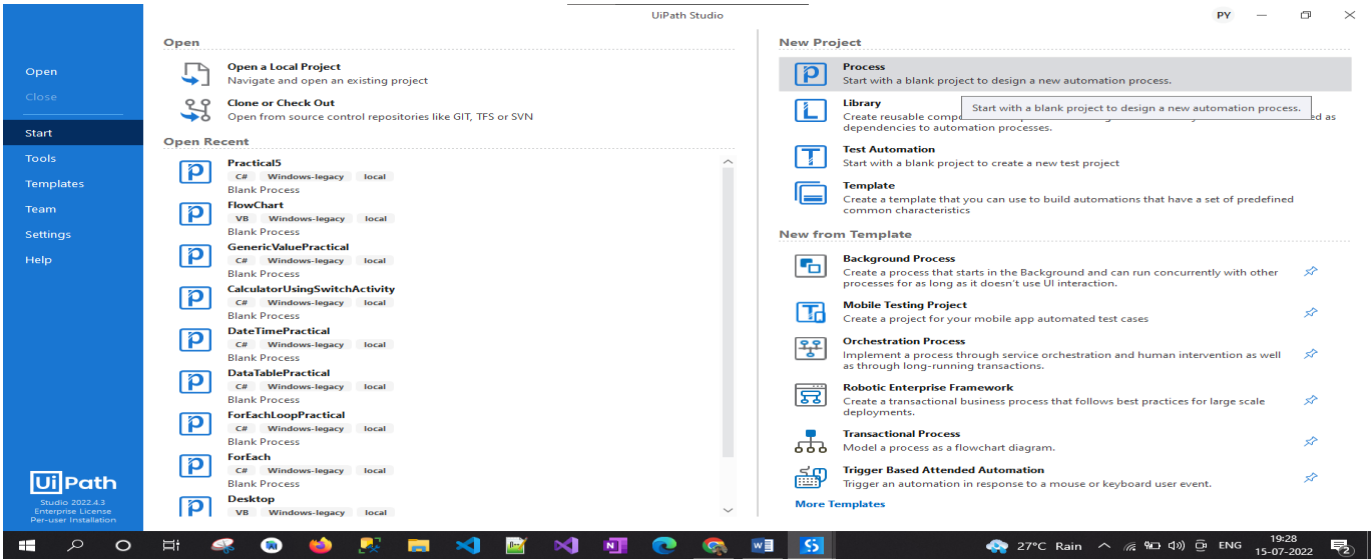
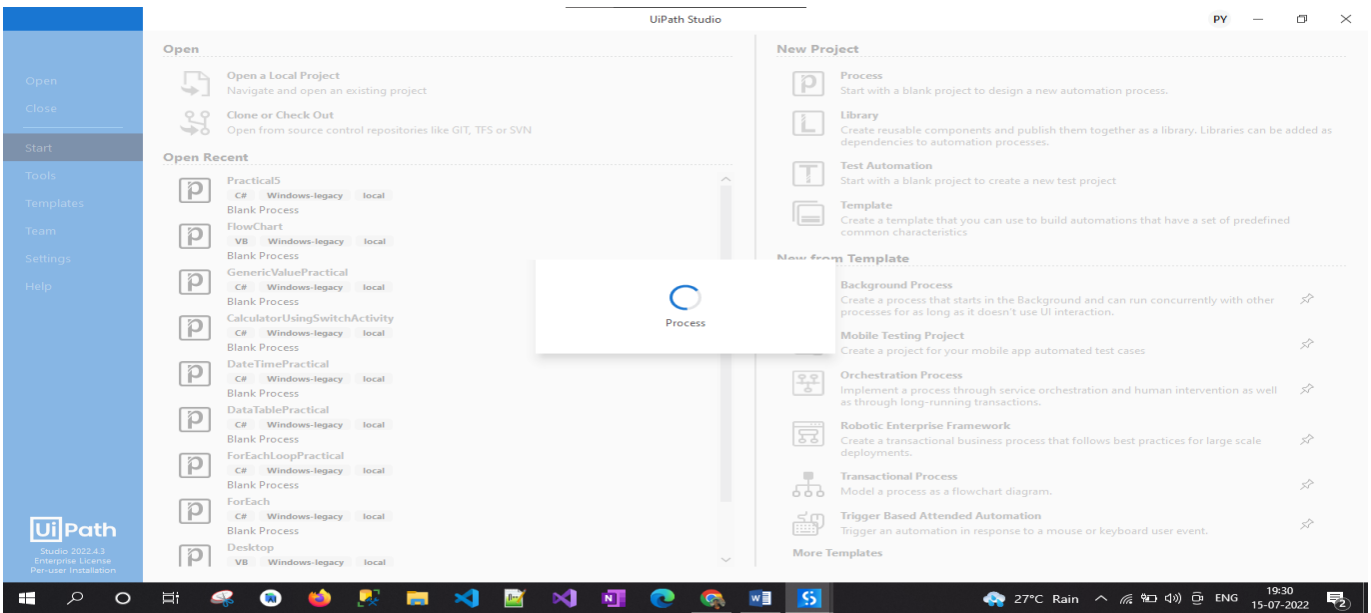
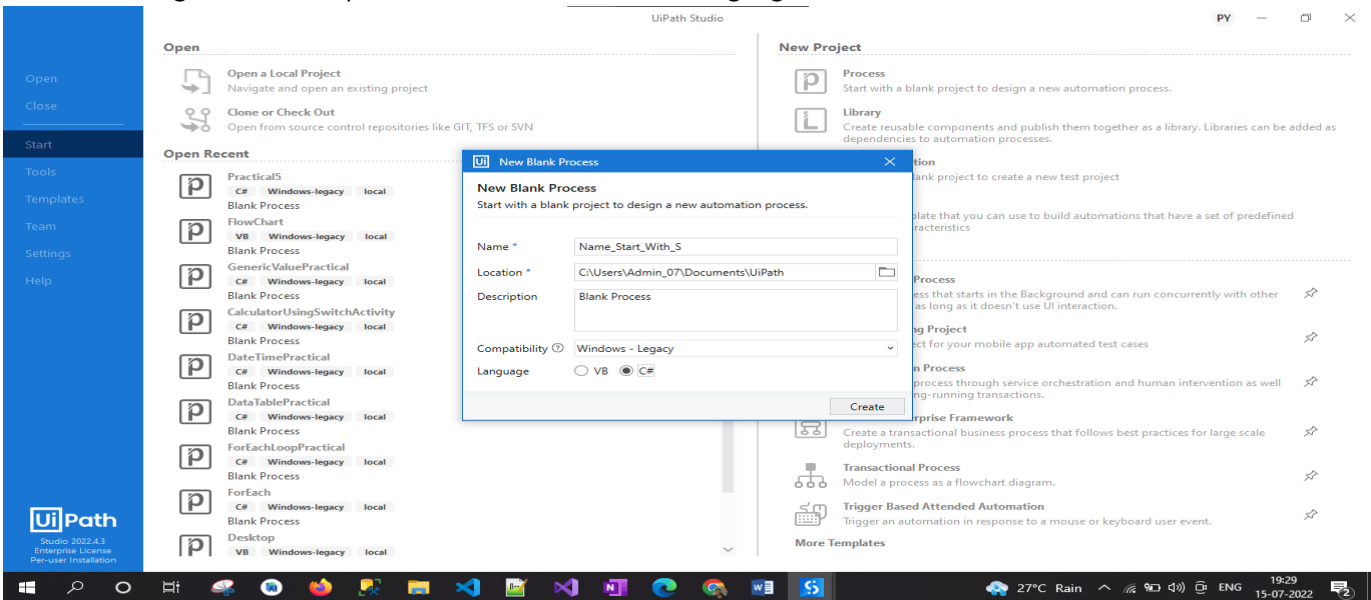


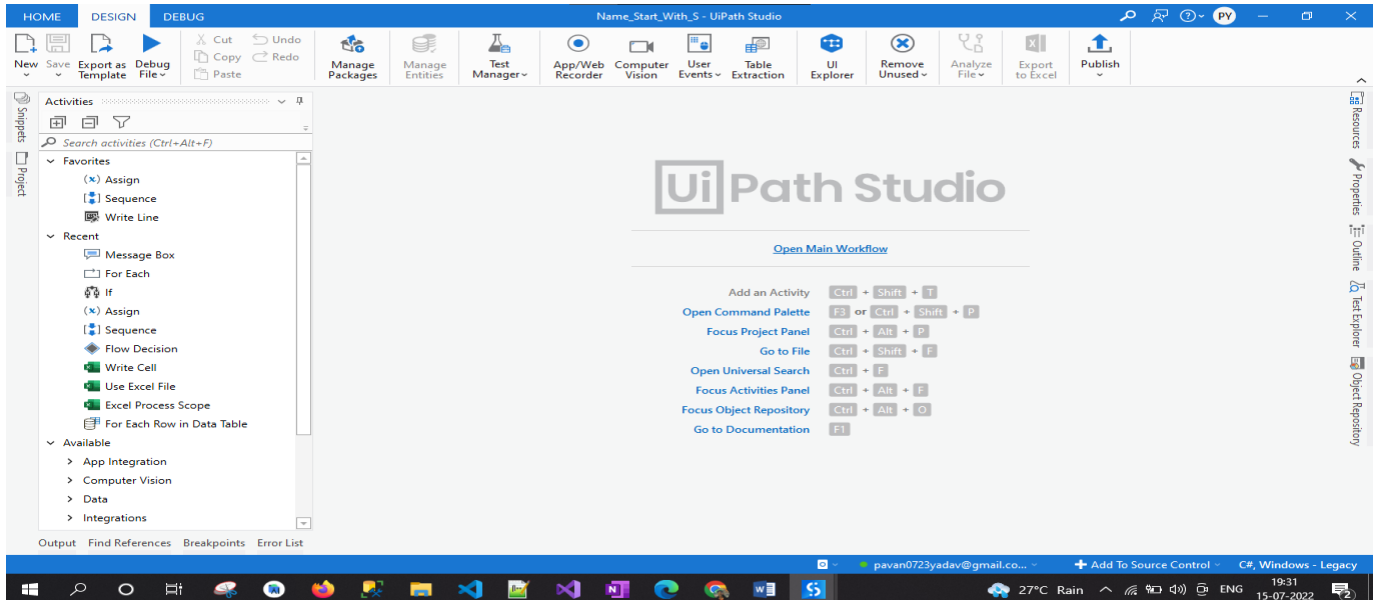
Practical 5.a Consider an array of names. We have to find out how many of them start with the letter "S". Create an automation where the number of names starting with "S" is counted and the result is displayed.

1. Click on the Process to New Project

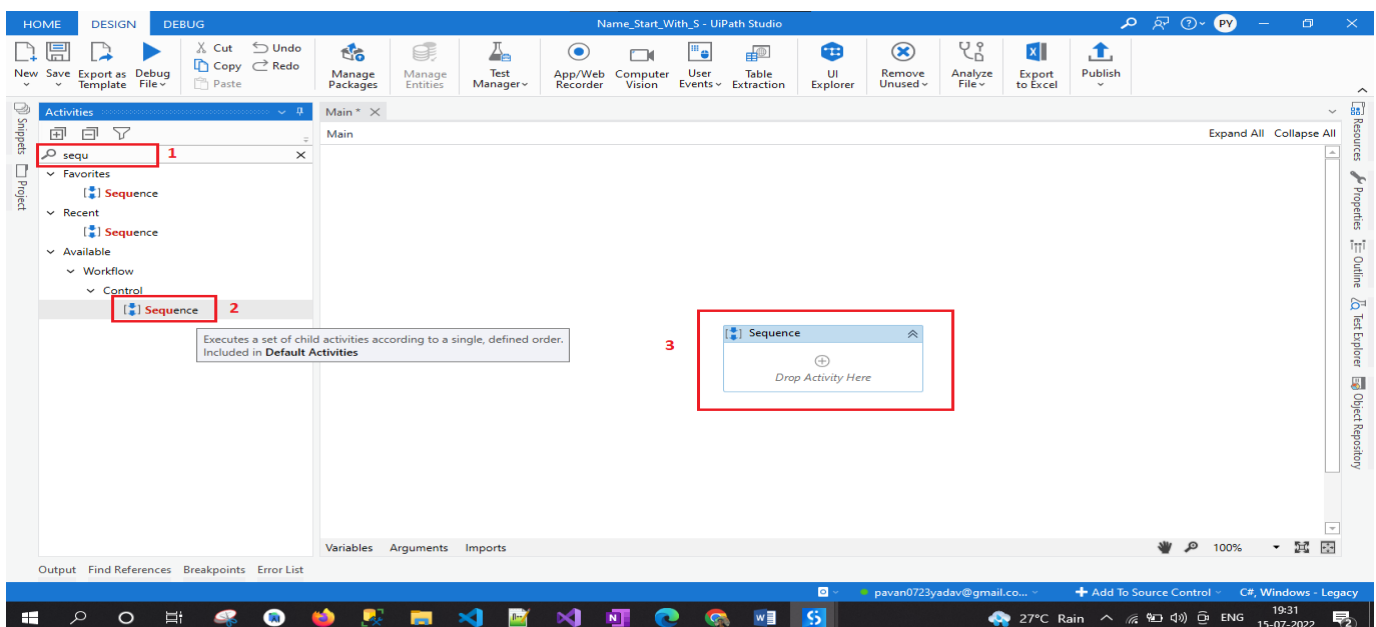


2. Write following detail of the process. Note: Select the C# Language

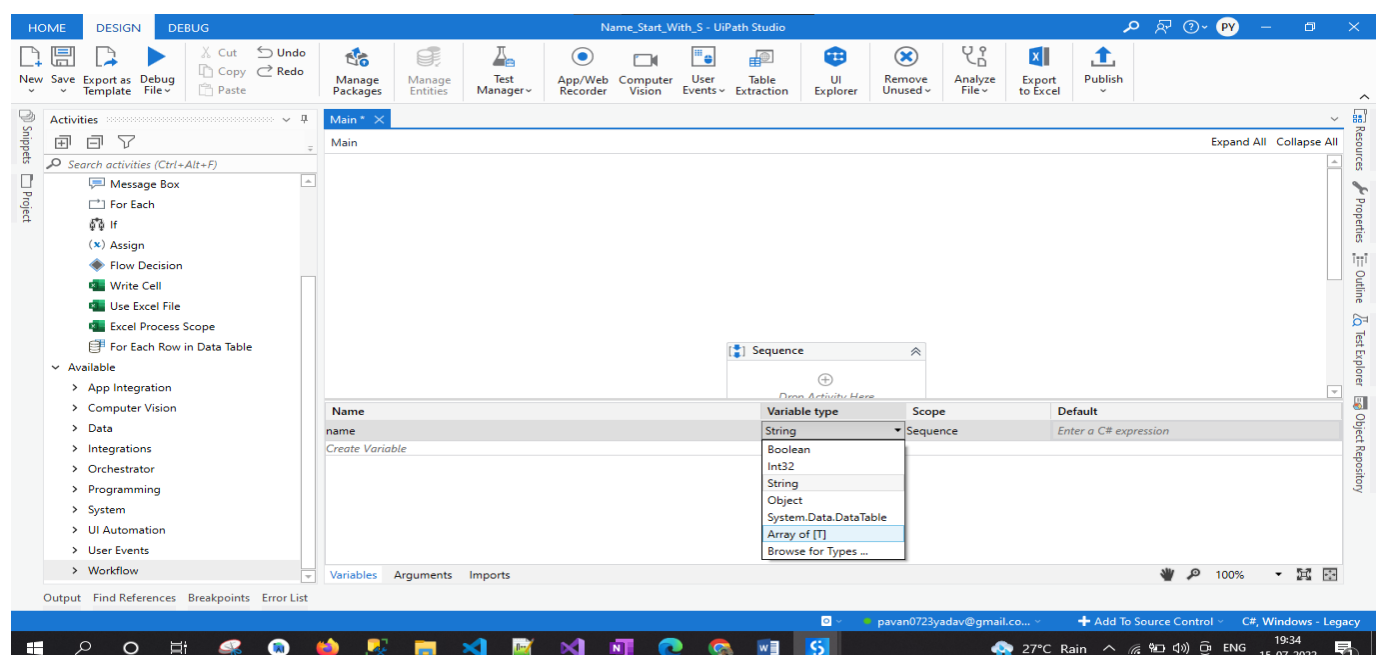


3. Click on the **Open Main Workflow**

## 4. Follow the step of below image



## 5. Create variables



The screenshot shows the UiPath Studio interface. The 'Select Types' dialog box is open, displaying a list of data types. The 'String' type is selected. The background shows the 'Main' workflow canvas with a 'Create Variable' activity. The variable 'name' is being created with the type 'String[]' and the scope 'Sequence'.

Name	Variable type	Scope	Default
name	String[]	Sequence	new string[] { }
totalS	Int32	Sequence	Enter a C# expression

## 6. Add the **Assign** activity into Sequence activity

The screenshot shows the UiPath Studio interface. The 'Assign' activity is added to the 'Sequence' activity. The 'Assign' activity is highlighted with a red box, and the 'To' field is set to 'Enter a C# expression'.

`new[] { "Sairaj", "Kedar", "Pavan", "Saurabh", "Sushant" }`

The screenshot shows the UiPath Studio interface. The 'Assign' activity is added to the 'Sequence' activity. The 'Assign' activity is highlighted with a red box, and the 'To' field is set to 'new[] { "Sairaj", "Kedar", "Pavan", "Saurabh", "Sushant" }'.

7. Add the **Assign** activity into Sequence activity

The screenshot shows the UiPath Studio interface. In the 'Activities' pane on the left, the 'Assign' activity is highlighted with a red box and labeled '1'. Below it, the 'Assign' activity is listed under 'Control' with a red box and labeled '2'. A tooltip for the 'Assign' activity is visible, stating: 'Sets workflow variable values. Included in Default Activities'. In the main workspace, a 'Sequence' container is shown. Inside the sequence, there is an 'Assign' activity with 'name' set to 'new[] ("Sairaj","Ke"'. Below it, another 'Assign' activity is highlighted with a red box and labeled '3', with its 'To' field set to 'Enter a C# expression:'. The bottom status bar shows the output, find references, breakpoints, and error list.

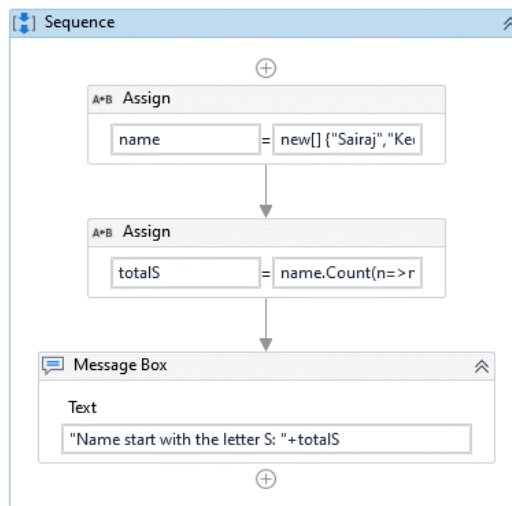
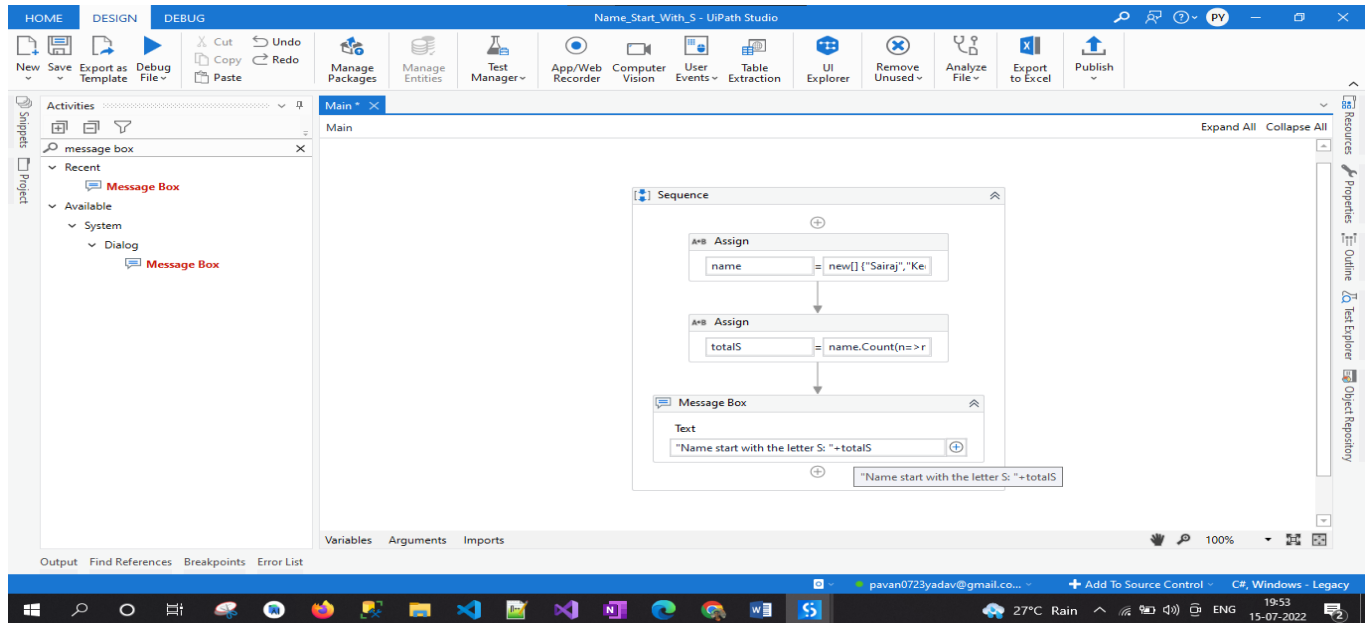
name.Count(n=>n.Substring(0,1) == "S")

The screenshot shows the UiPath Studio interface. In the 'Activities' pane on the left, the 'Assign' activity is highlighted with a red box and labeled '1'. Below it, the 'Assign' activity is listed under 'Control' with a red box and labeled '2'. A tooltip for the 'Assign' activity is visible, stating: 'Sets workflow variable values. Included in Default Activities'. In the main workspace, a 'Sequence' container is shown. Inside the sequence, there is an 'Assign' activity with 'name' set to 'new[] ("Sairaj","Ke"'. Below it, another 'Assign' activity is highlighted with a red box and labeled '3', with its 'To' field set to 'Enter a C# expression:'. The bottom status bar shows the output, find references, breakpoints, and error list.

8. Add the **Message Box** activity

The screenshot shows the UiPath Studio interface. In the 'Activities' pane on the left, the 'Message Box' activity is highlighted with a red box and labeled '1'. Below it, the 'Message Box' activity is listed under 'System' with a red box and labeled '2'. A tooltip for the 'Message Box' activity is visible, stating: 'Displays a message box with a specified text and buttons. Included in UiPath.System.Activities'. In the main workspace, a 'Sequence' container is shown. Inside the sequence, there is an 'Assign' activity with 'name' set to 'new[] ("Sairaj","Ke"'. Below it, another 'Assign' activity is highlighted with a red box and labeled '3', with its 'To' field set to 'Enter a C# expression:'. The bottom status bar shows the output, find references, breakpoints, and error list.

"Name start with the letter S: "+totalS



## 9. Output

