

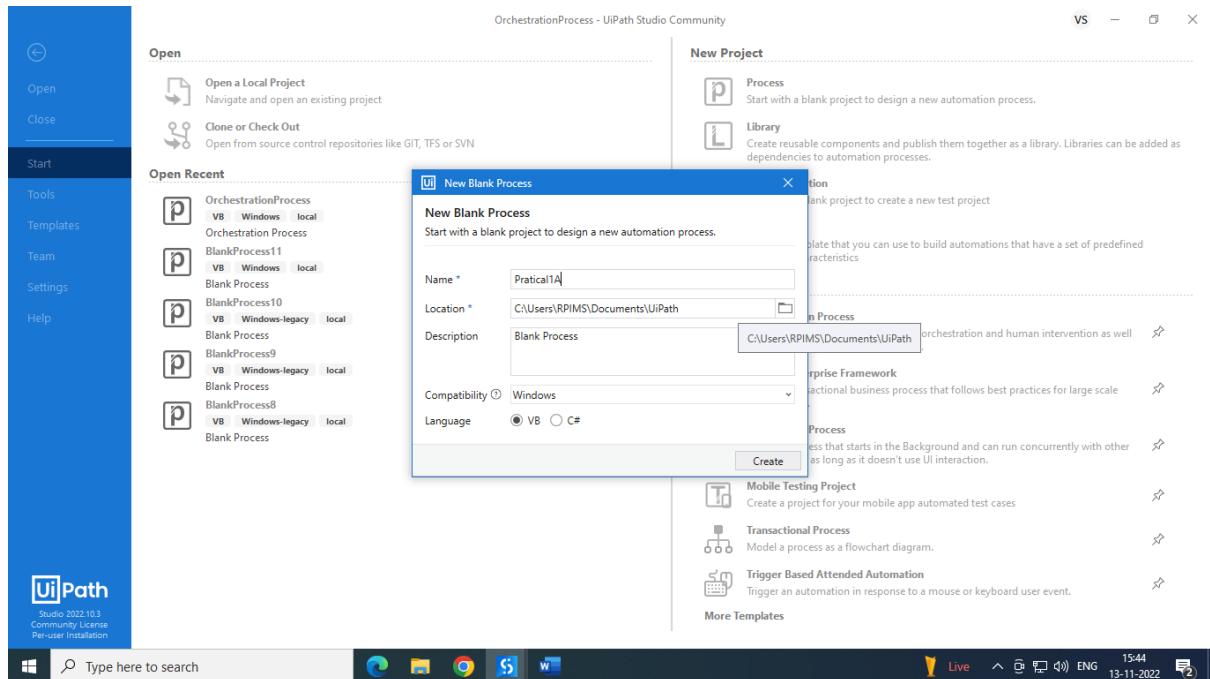
Practical 1

RPA Basics: Sequences and Flowcharts:

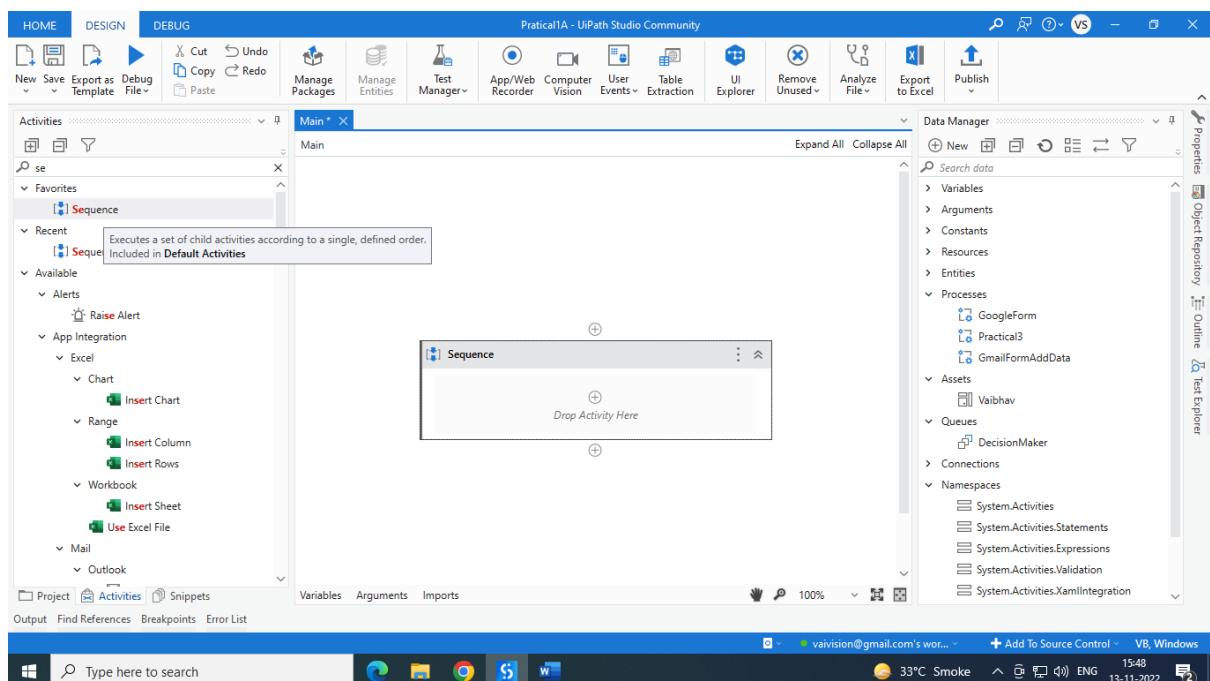
A. Create a simple sequence-based project.

Add two Numbers

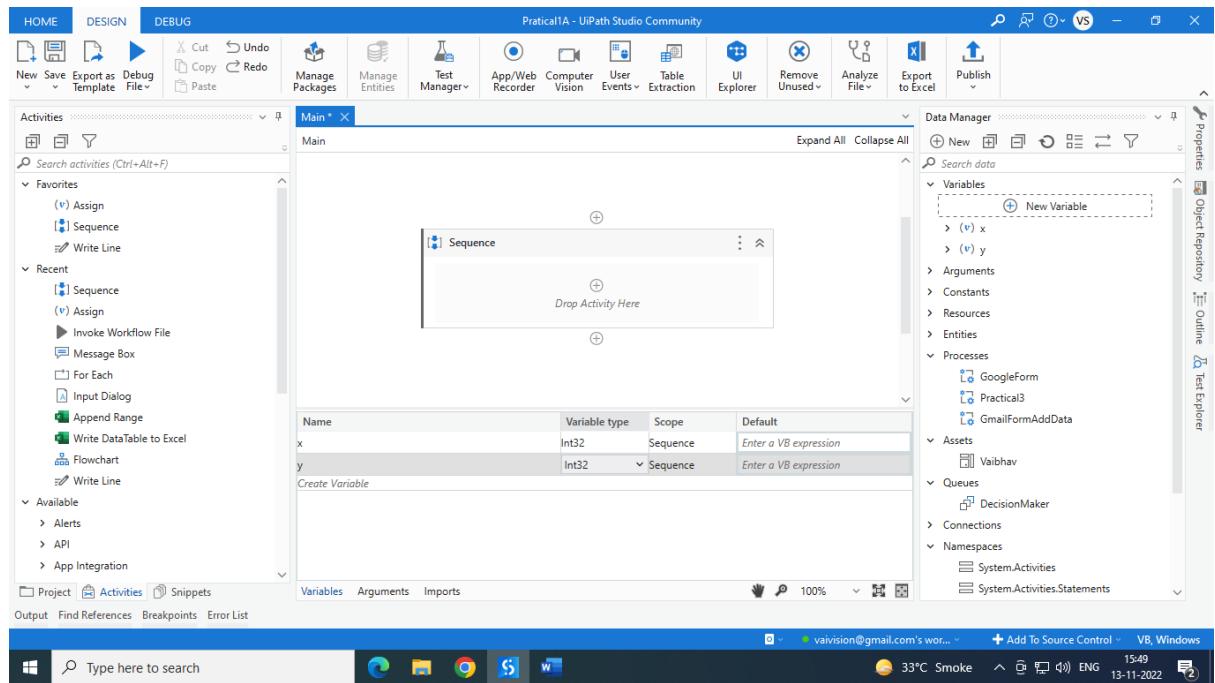
1. Open UiPath Studio and click on Blank to start a fresh project. Give it a meaningful name. Like Pratical1A.



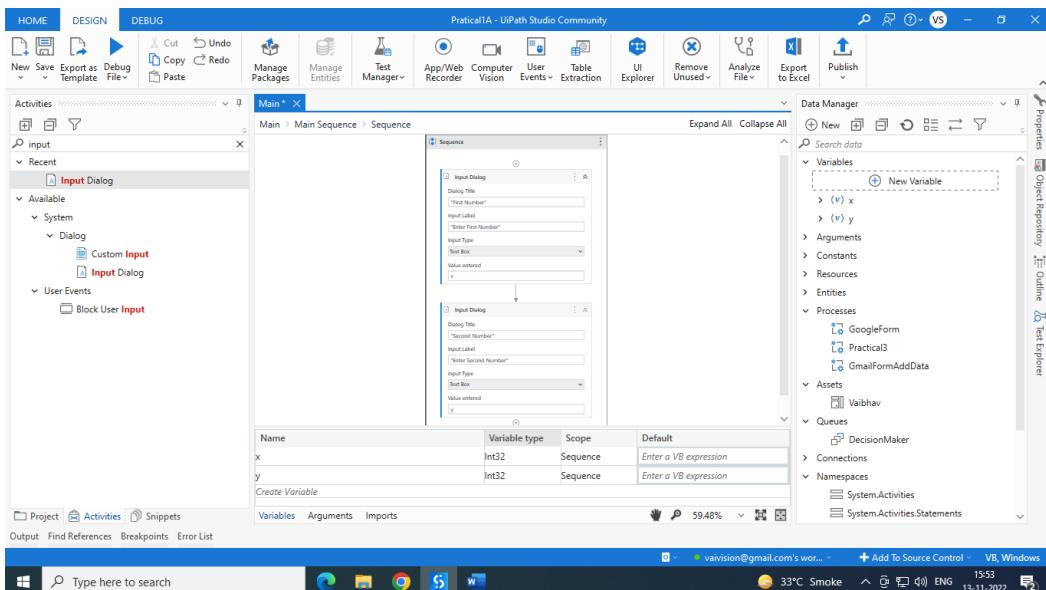
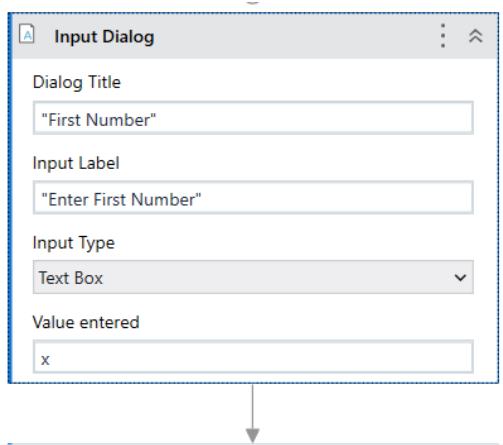
2. Open Main.xaml from Project tab. On the Designer panel, double click a Sequence activity from the Activities panel.



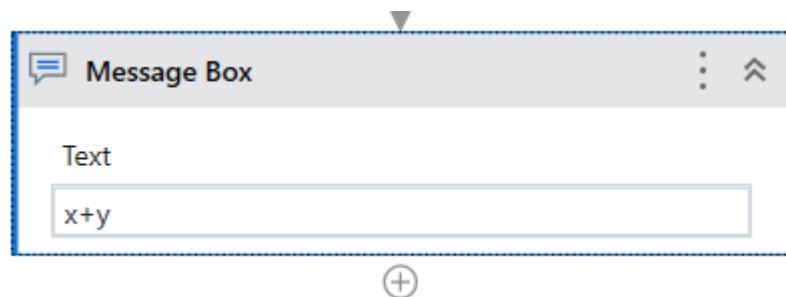
3. Select Variable tab from bottom of page. Create variable x and y and select variable data type as int32 and save.



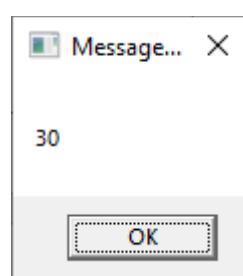
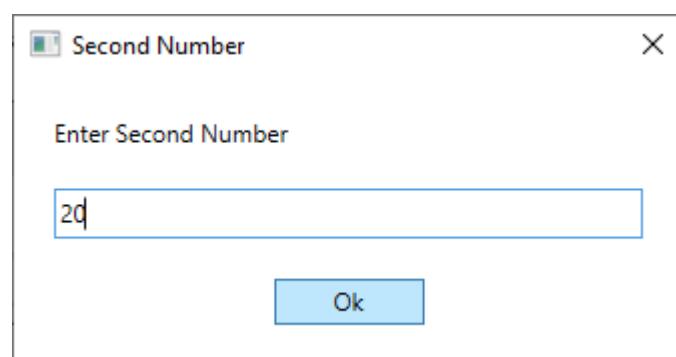
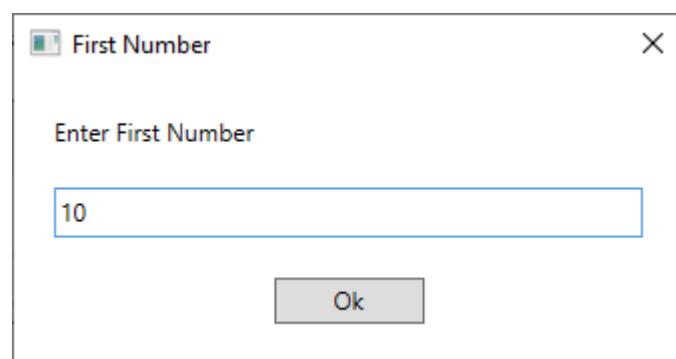
4. Select and drag input dialog from activities. Fill all data labels. Add entered value x and y variable respectively. As below.



5. Select and drag Messagebox from activity menu. Write $x+y$ and save.



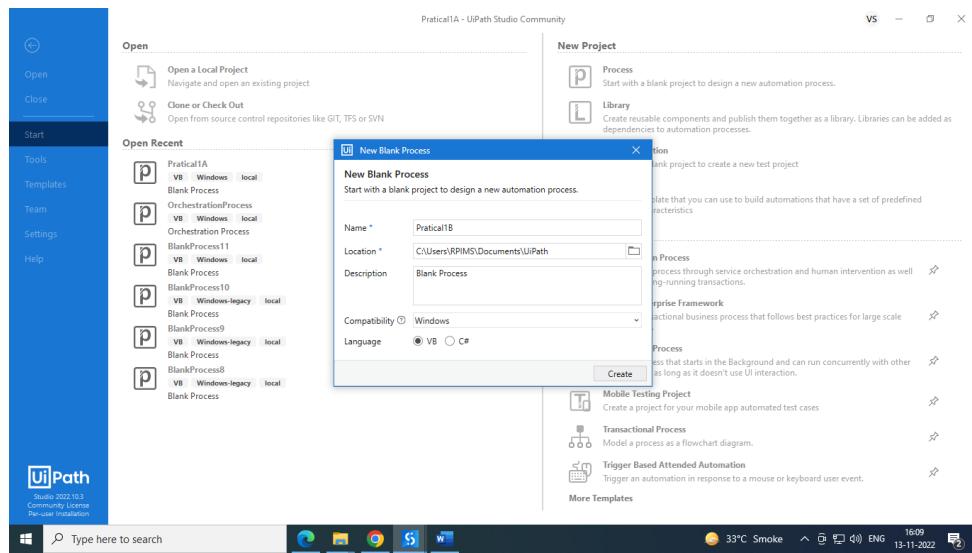
6. Run project and check.



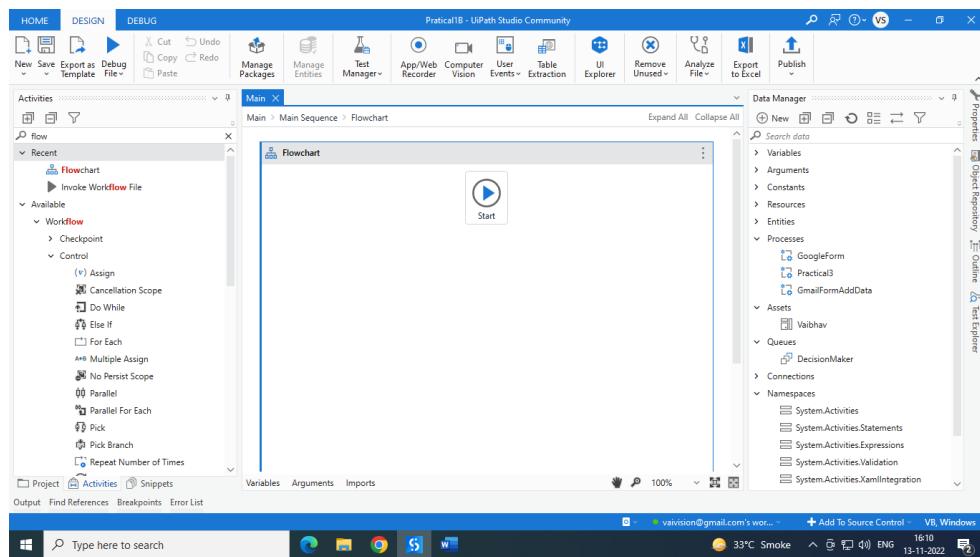
B. Create a simple flowchart-based project.

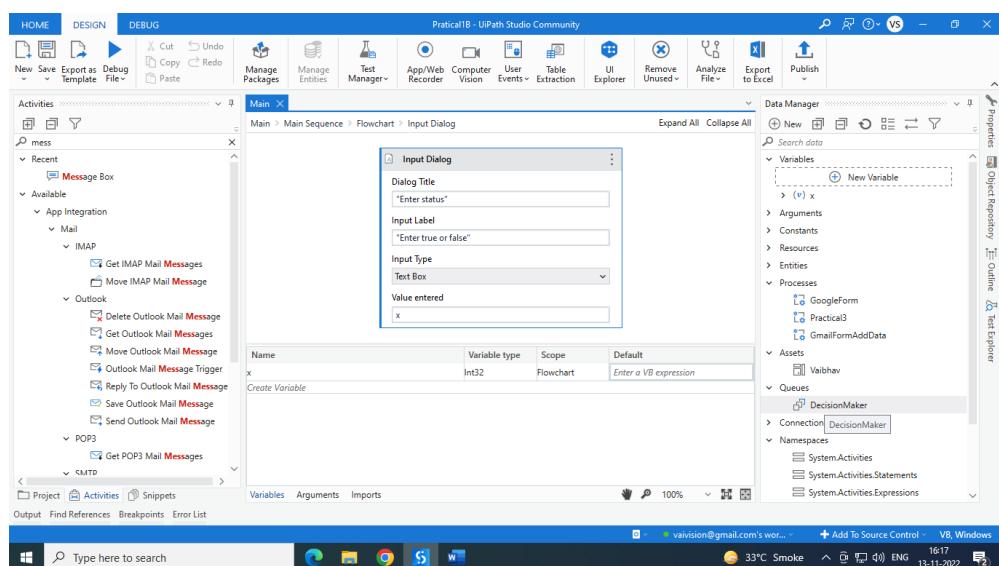
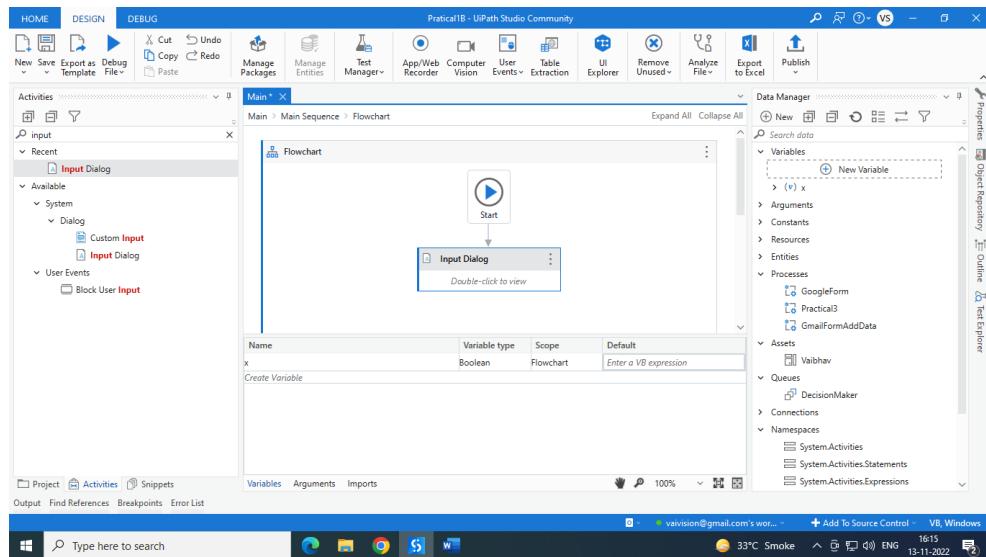
Create project to show ODD and even using flowchart.

1. Open UiPath Studio and click on Blank to start a fresh project. Give it a meaningful name. Like Practical1B.

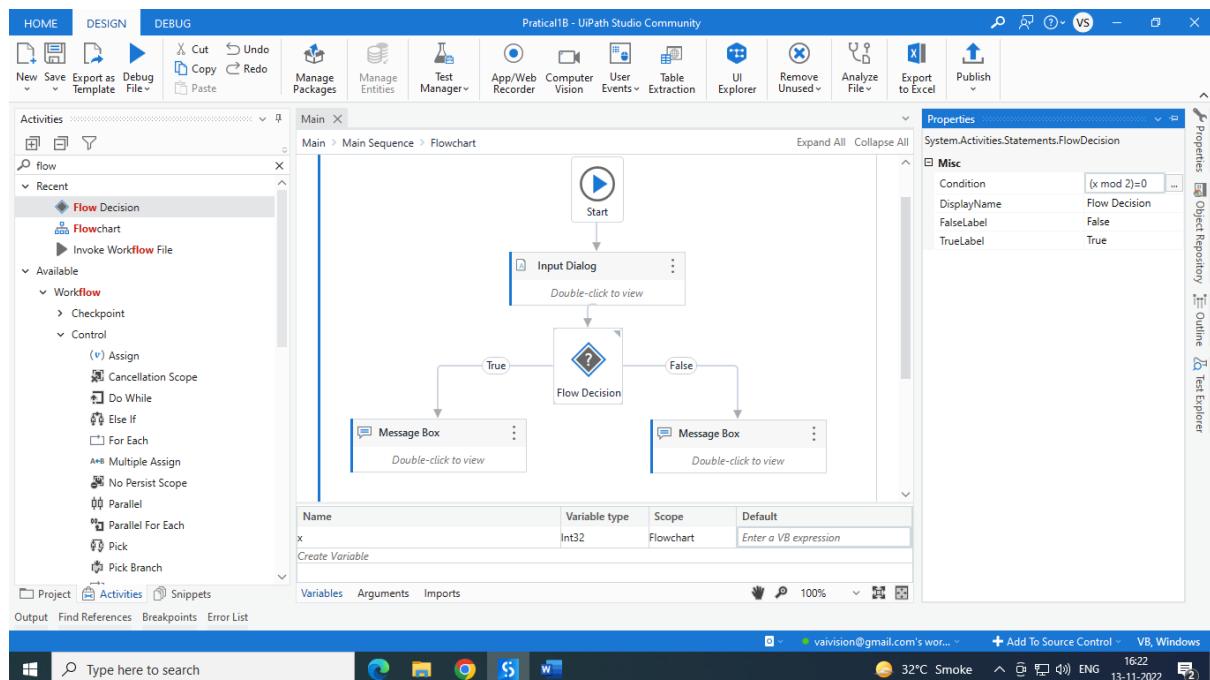


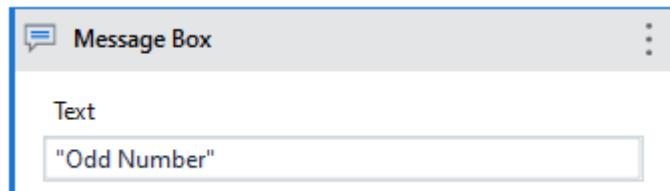
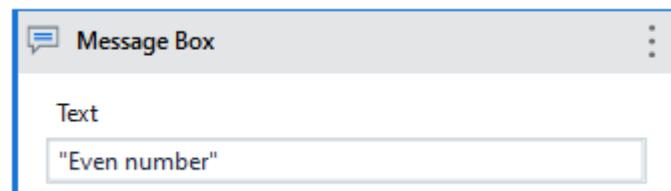
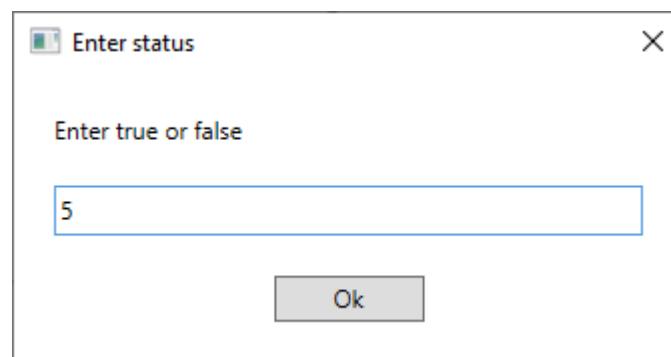
2. Open Main.xaml from Project tab. On the Designer panel, double click a flowchart activity from the Activities panel.





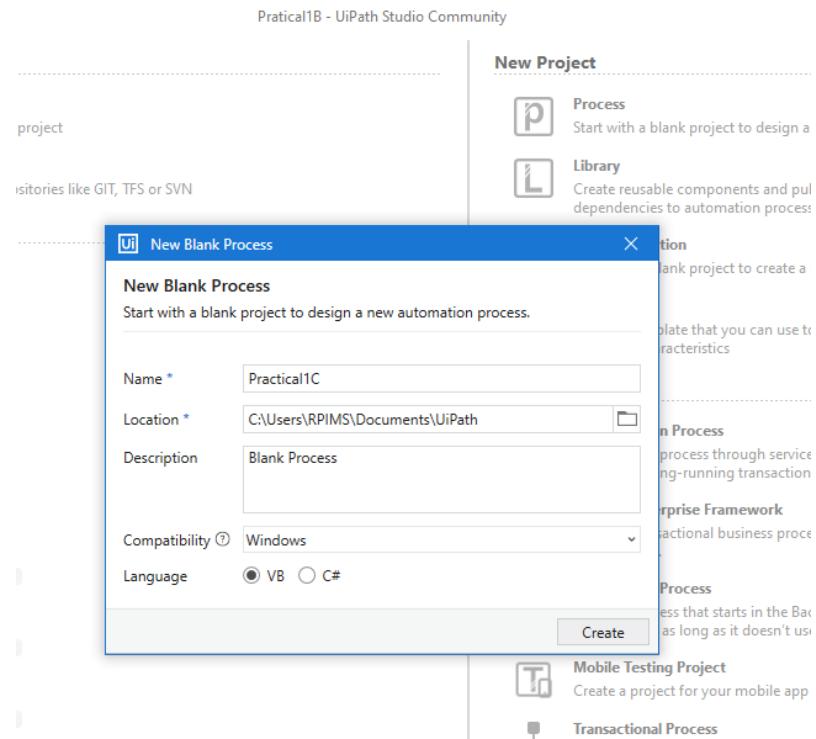
3. Add next activity flow decision. Set condition like $(x \bmod 2=0)$ in properties selection.
4. Add two more message box and connect with true and false flow. And give even number is its true. Give odd number if its false.



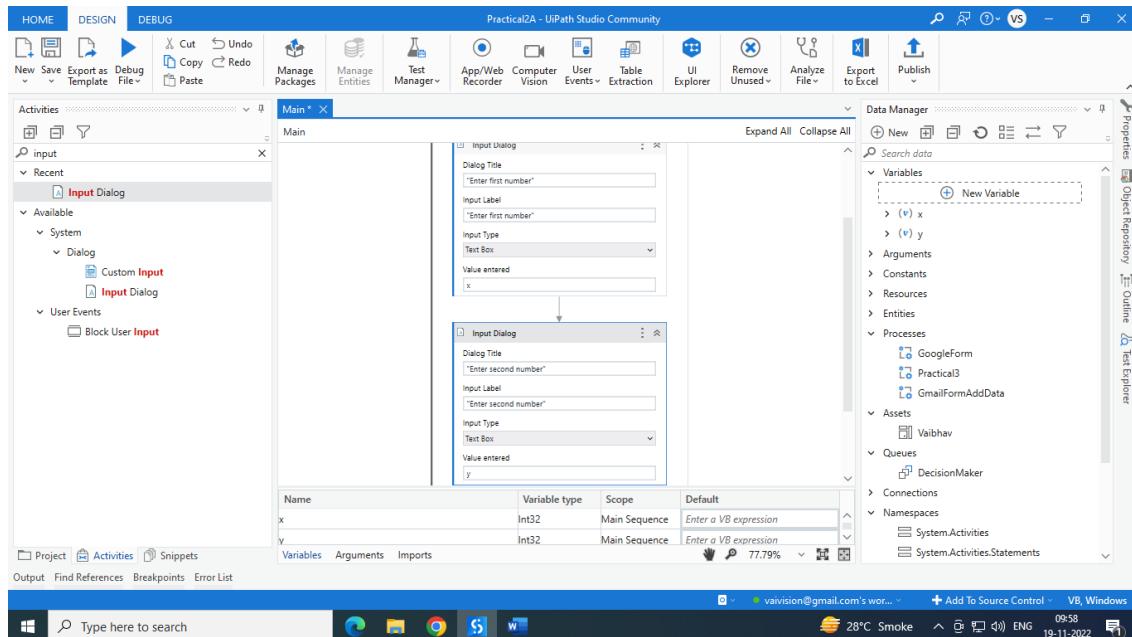
**Output:**

C. Automate UiPath Number Calculation (Subtraction, Multiplication, Division of numbers).

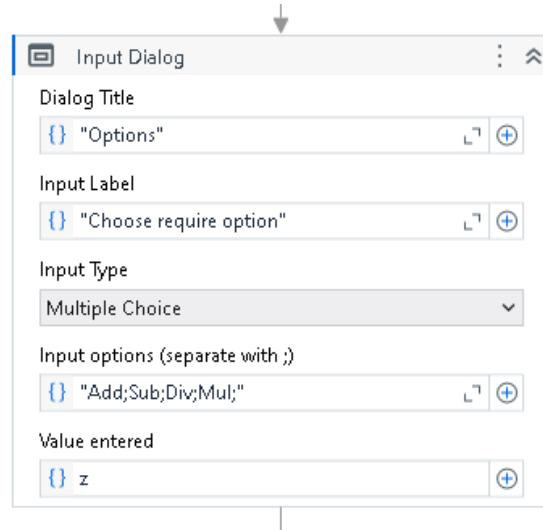
1. Open UiPath Studio and click on Blank to start a fresh project. Give it a meaningful name



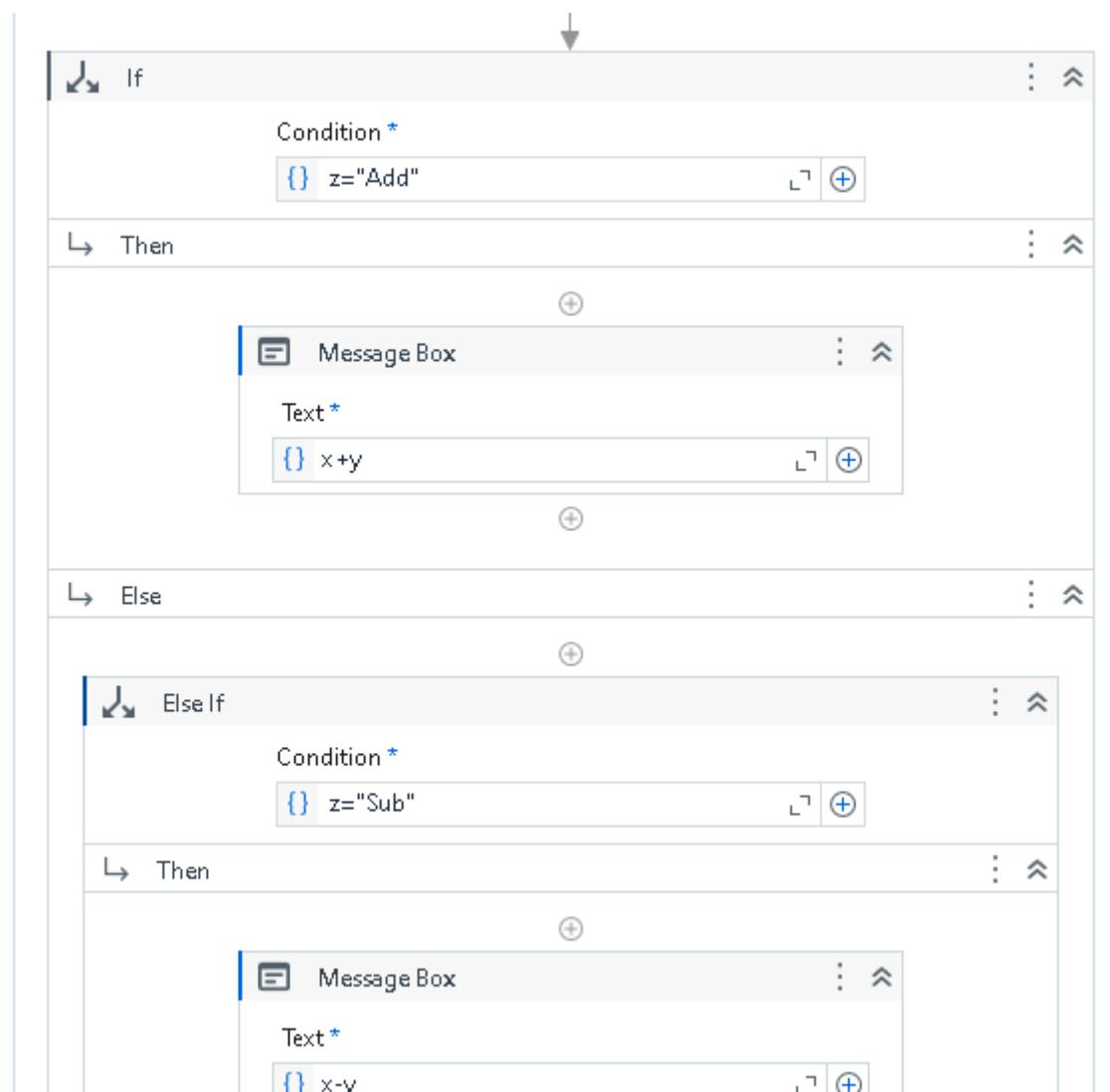
2. Add sequence on page then Select 2 input dialog for two number from activity panel and create variable x and y with int32 datatype.



3. Select another Input dialog for selecting operation like addition, subtraction, division and multiplication, which data stored in Z variable which is string datatype.



4. Select if activity from activity window, then add 1 message box from activity for addition.

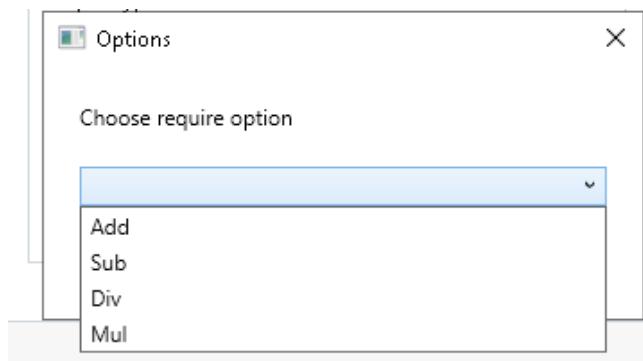


5. And add subtraction, division and multiplication in **Else-if** activity.

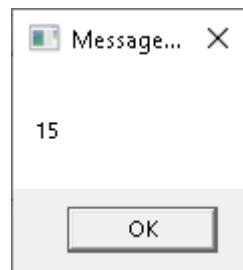


Output:

Two message boxes are shown side-by-side. The left message box is titled 'Enter first number' and contains the text 'Enter first number' above a text input field containing '10'. The right message box is titled 'Enter second number' and contains the text 'Enter second number' above a text input field containing '5'. Both message boxes have an 'Ok' button at the bottom.



When we choose addition then it will show below message box.



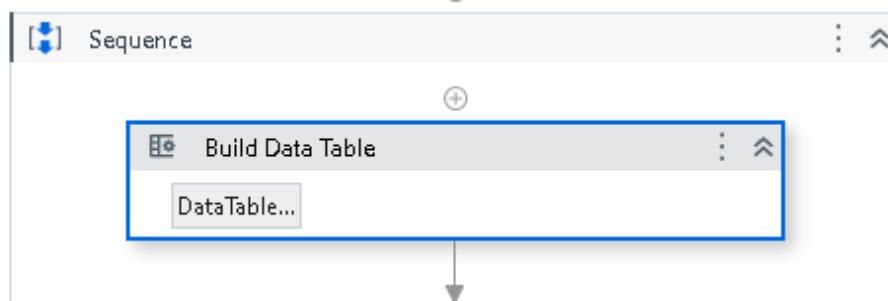
D. Create an automation UiPath project using different types of variables (number, datetime, Boolean, generic, array, data table).

- Follow steps as above to create project. Also give appropriate name.

Create variable as below.

Name	Variable type	Scope	Default
x	Int32	Main Sequence	5
y	String	Main Sequence	"Welcome o SN College"
z	Int32[]	Main Sequence	{5,6,7}
p	Boolean	Main Sequence	True
r	DataTable	Main Sequence	Enter a VB expression

- Create data table from Build Data table. As per blow screenshot.



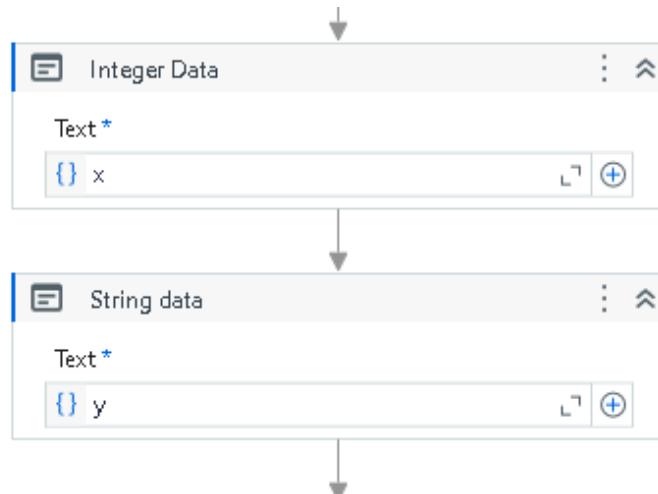
- Click on data table and create data like

Build Data Table

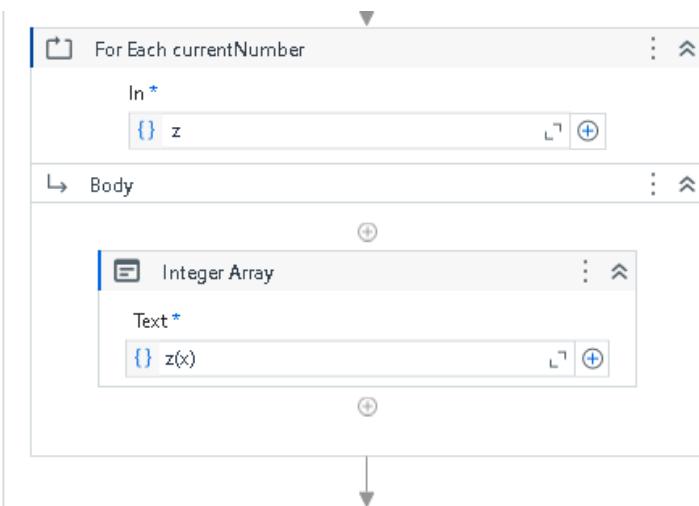
	RollNo (Int32)	Name (String)
1		Shivam
2		yukta
3		Esha
4		Anjali
5		Prathamesh

OK Cancel

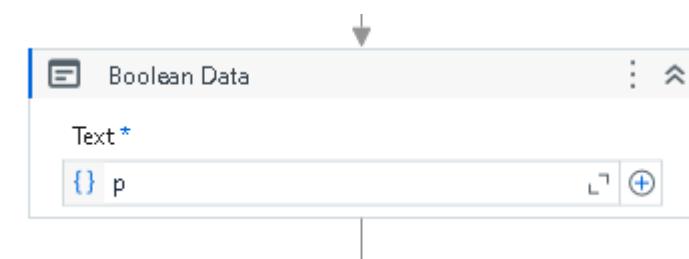
4. Also add message box to show Integer and string data.



5. Add for each activity for Integer array to display array data.

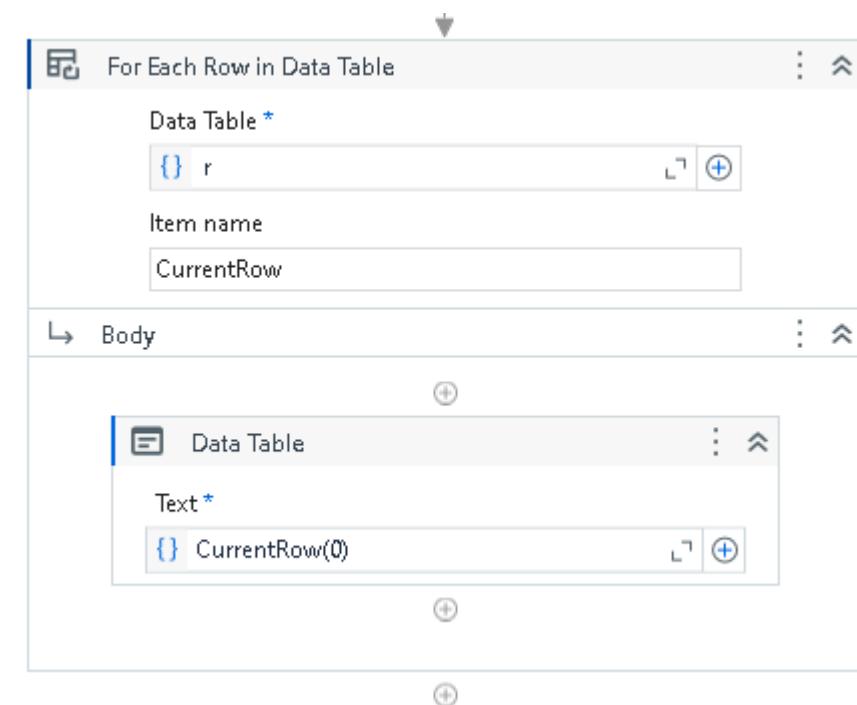
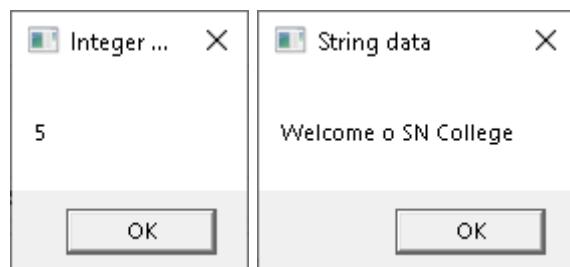
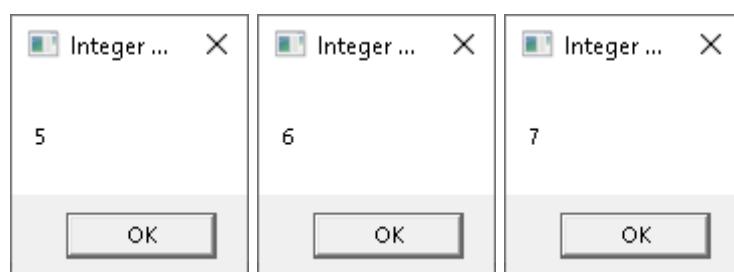
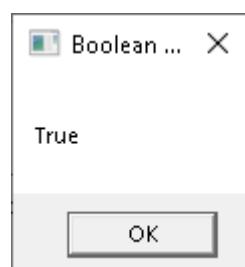


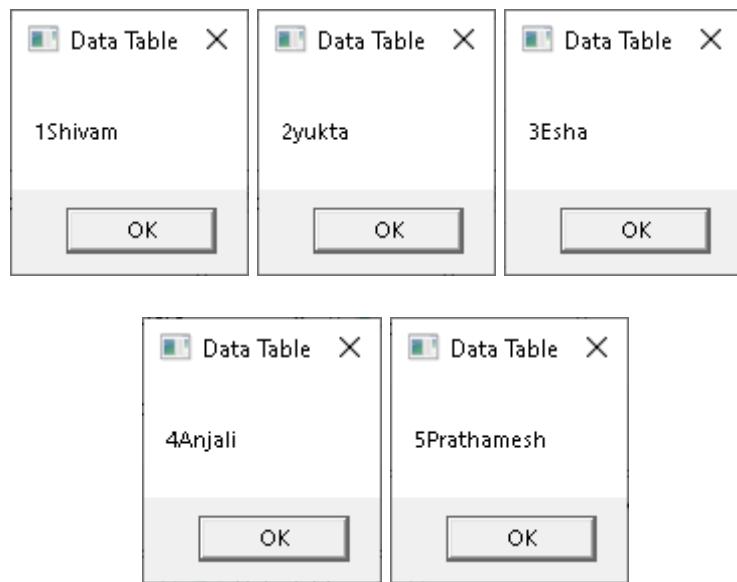
6. For Boolean data add message box out side of for each.



7. Add for each table to fetch data from data table.

Instead of CurrentRow(0) write CurrentRow.Item(0).ToString & CurrentRow.Item(1).ToString.

**Output:****Integer Array:****Boolean Data:**

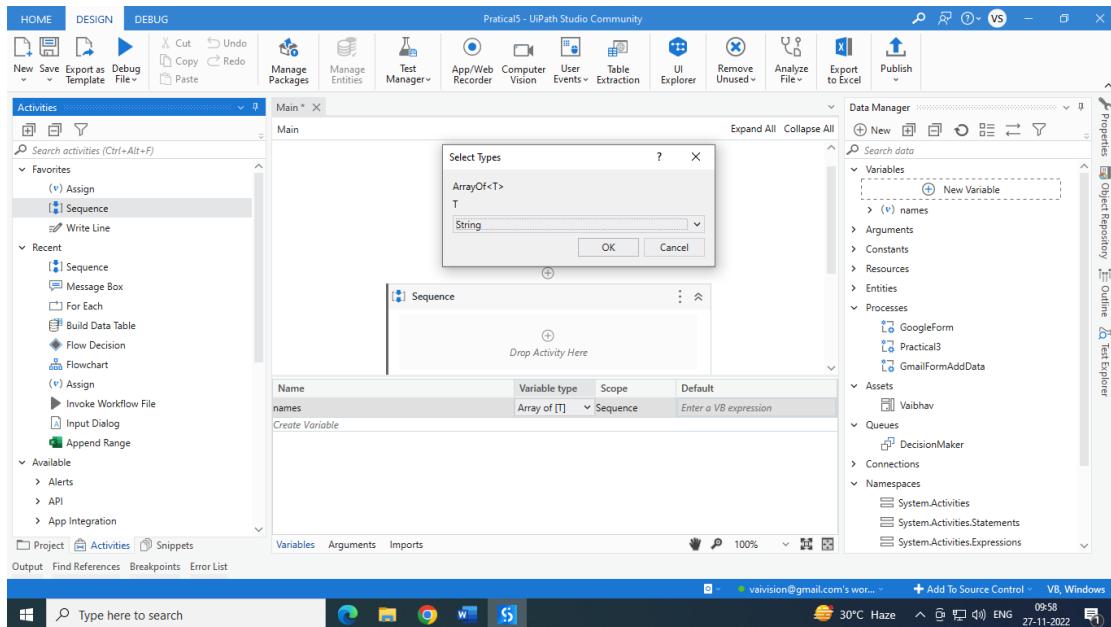
Datatable Data:

Practical 2

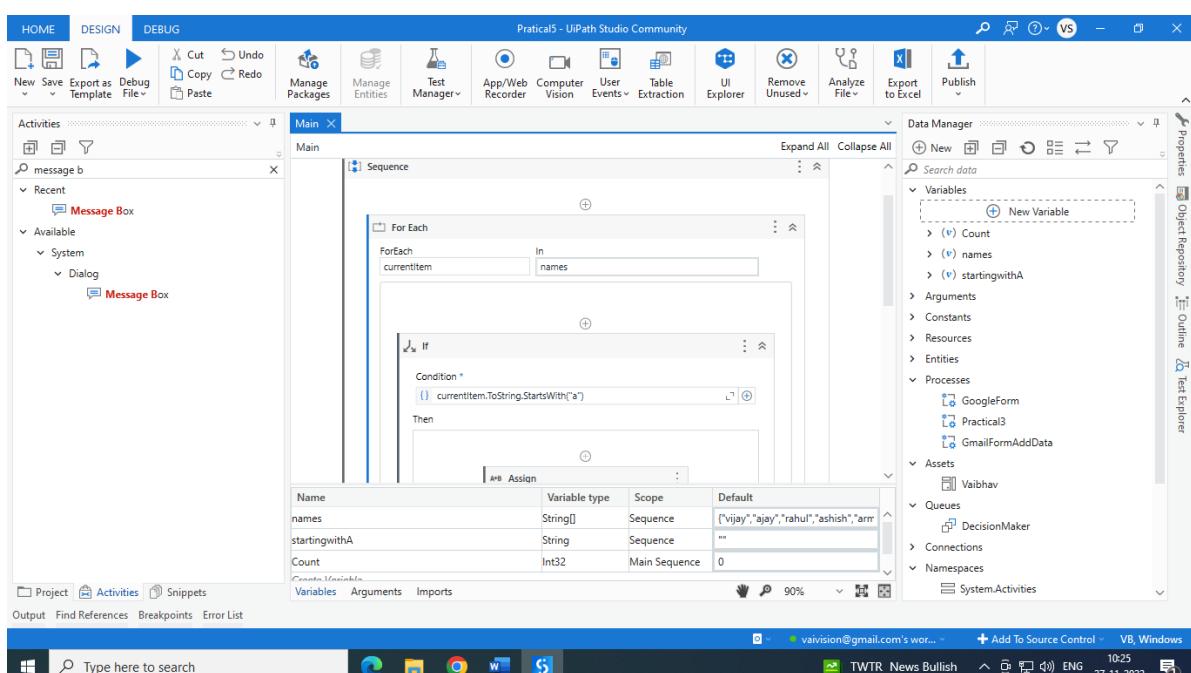
Decision making and looping

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

1. Open UI path and create new project with appropriate name and choose language type VB.
 2. Add sequence in project from activity panel. Create variable "names". Variable type Array of [T] String.
- Default values {"vijay", "ajay", "rahul", "ashish", "arman", "akash", "vipul"}.



3. Add “for each” from activities panel. In = names
Add if inside “for each”. Add condition like currentItem.ToString.StartsWith("a").



The screenshot shows the UiPath Studio Community interface with a process named "Main". The workflow consists of the following steps:

- An **Assign** activity sets the variable `Count` to `Count+1`.
- An **Else** condition leads to a **Message Box** activity.
- The **Message Box** displays the text: "No of name start with A are :&Count".

The **Data Manager** pane on the right lists variables:

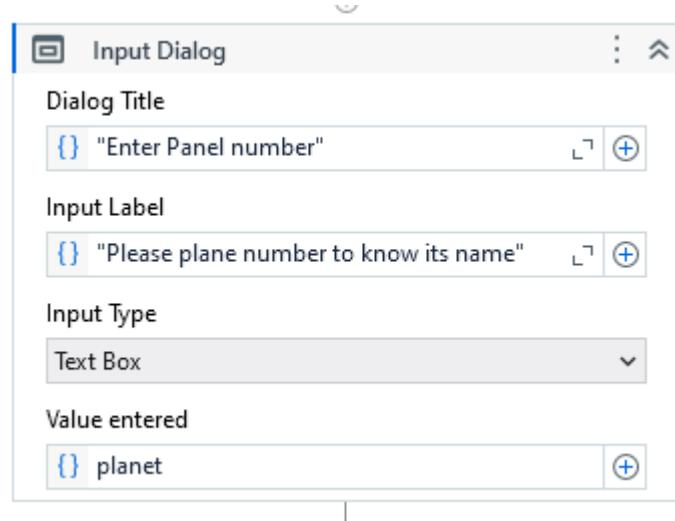
Name	Variable type	Scope	Default
names	String[]	Sequence	[{"vijay", "ajay", "rahul", "ashish", "army"]
startingwithA	String	Sequence	**
Count	Int32	Main Sequence	0

Output:



B. Demonstrate switch statement with an example.

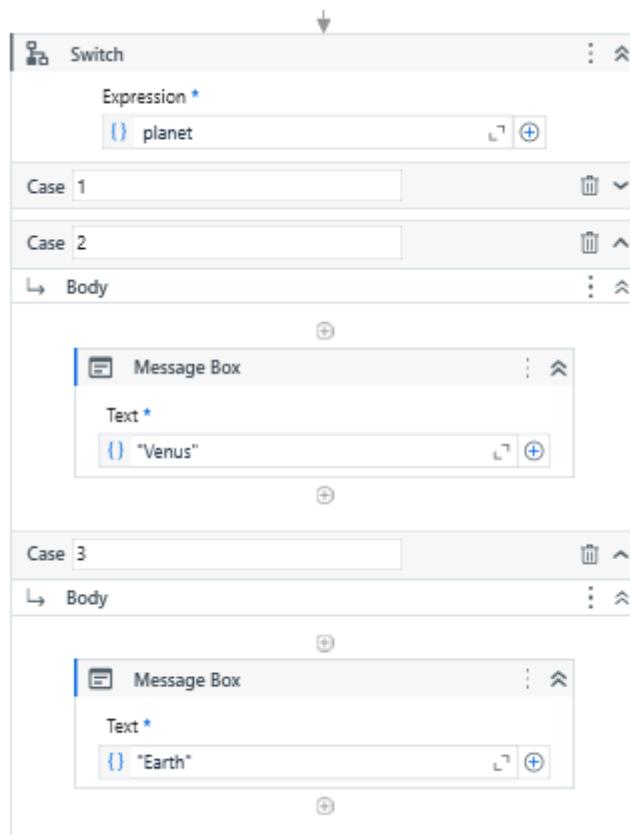
1. Open UI path and create new project with appropriate name and choose language type VB.
2. Select Classic Input dialog box from the activity window and drop into sequence also fill below details.



3. Create planet as a variable as below.

Name	Variable type	Scope	Default
planet	String	Main Sequence	Enter a VB expression
<i>Create Variable</i>			

4. Select switch activity from activity window and drop into sequence and add cases according to below text input. Choose message box activity to display message.



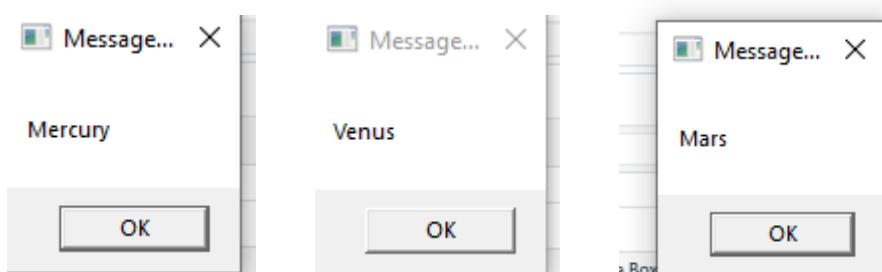
The screenshot shows a RPA configuration interface with three cases listed vertically:

- Case 4:** Body contains a **Message Box** action with **Text *** set to `{!} "Mars"`.
- Case 5:** Body contains a **Message Box** action with **Text *** set to `{!} "Jupiter"`. A note below says `Type annotation or generate with Autopilot`.
- Case 6:** Body contains a **Message Box** action with **Text *** set to `{!} "Saturn"`.

The screenshot shows a RPA configuration interface with five cases listed vertically:

- Case 7:** Body contains a **Message Box** action with **Text *** set to `{!} "Uranus"`.
- Case 8:** Body contains a **Message Box** action with **Text *** set to `{!} "Neptune"`.
- Default:** Body contains a **Message Box** action with **Text *** set to `{!} "Your are looking into diffrent universe"`.

An **Add case** button is located between Case 8 and Default.

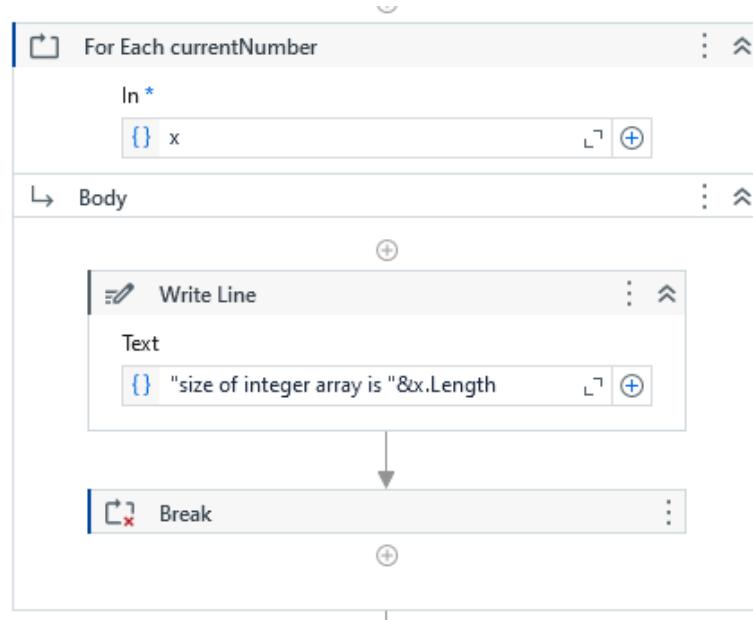
Output:

C. Create an automation To Print numbers from 1 to 10 with break after the writeline activity inside for each activity

1. Open UI path and create new project with appropriate name and choose language type VB. Create variable x and give value as below.

Name	Variable type	Scope	Default
x	Int32[]	Main Sequence	{1,2,3,4,5,6,7,8,9,10}
<i>Create Variable</i>			

2. Select For each activity from the activity window and drop into sequence also fill below details.
3. Select write Line activity from the activity window and drop into sequence and give “size of integer array” as text input.
4. Select Break activity from the activity window and drop into sequence to break the loop.



5. Select Write Line activity from the activity window and drop into sequence to display output as string.



Output:

```

Output
Time: 00:00:00 | Errors: 0 | Warnings: 0 | Info: 2 | Debug: 3 | Success: 0 | Failed: 0 | Pending: 0 | Total: 5

Search
① Debug started for file: Main
① Pract2c execution started
① size of integer array is 10
① 1 2 3 4 5 6 7 8 9 10
① Pract2c execution ended in: 00:00:00

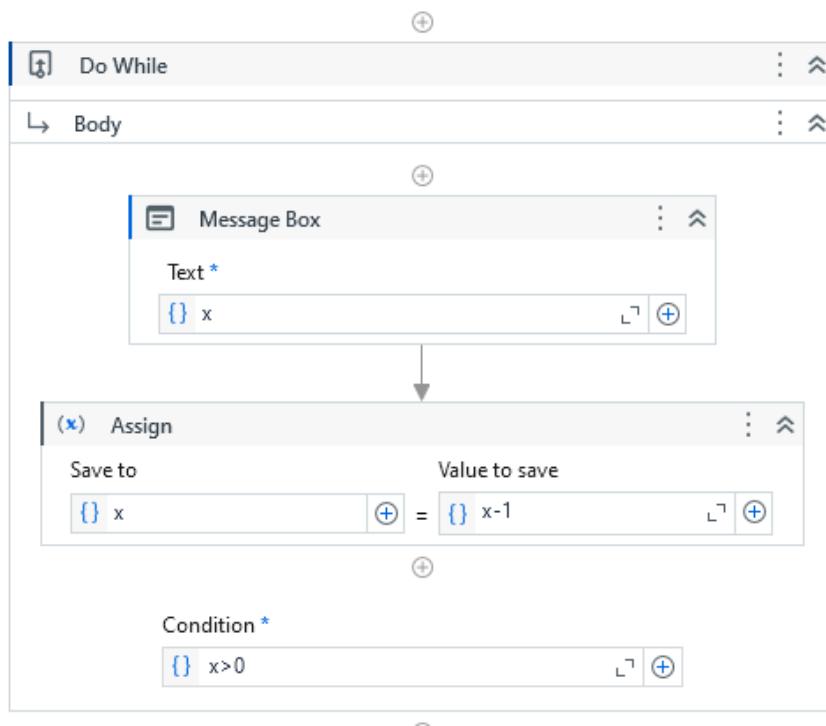
```

D. Create an automation using Do..While Activity to print numbers from 5 to 1.

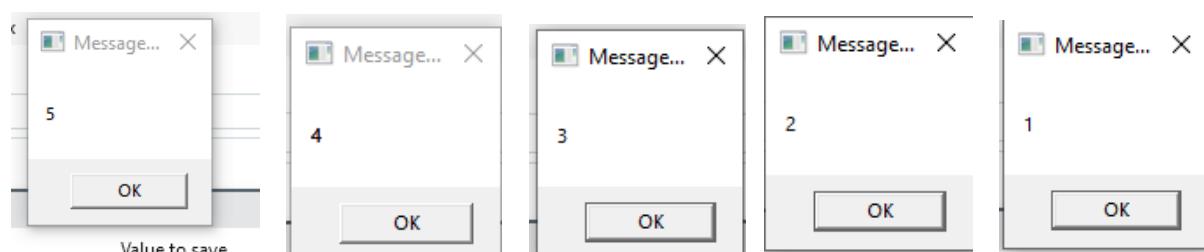
1. Open UI path and create new project with appropriate name and choose language type VB. Create variable x and give value as below.

Name	Variable type	Scope	Default
x	Int32	Main Sequence	5
<i>Create Variable</i>			

2. Select Do While activity from the activity window and drop into sequence also fill below details. Select message box activity and give x variable as input.
3. Select Assign activity from the activity window and drop into sequence and give value to save as $x-1$ with condition that that $x > 0$.



Output:



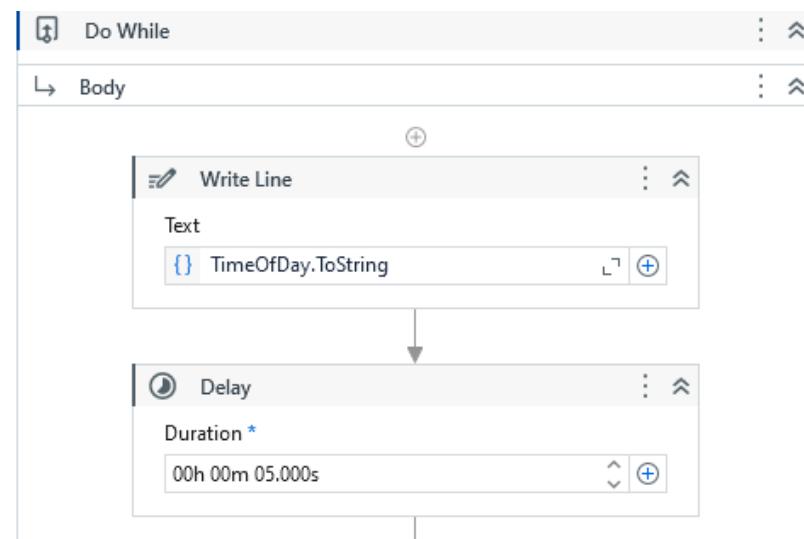
E. Create an automation using Delay Activity between two writeline activities to separate their execution by 5 seconds.

1. Open UI path and create new project with appropriate name and choose language type VB. Create variable x and give value as below.

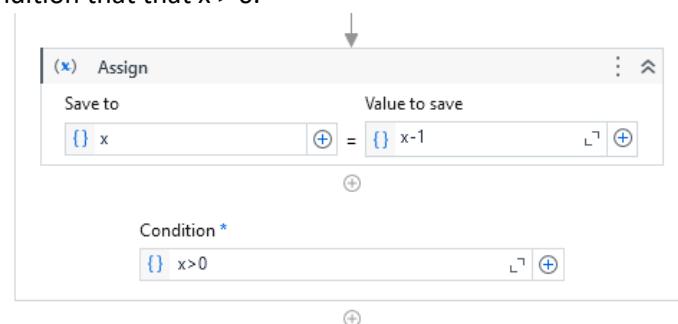
Name	Variable type	Scope	Default
x	Int32	Main Sequence	5

Create Variable

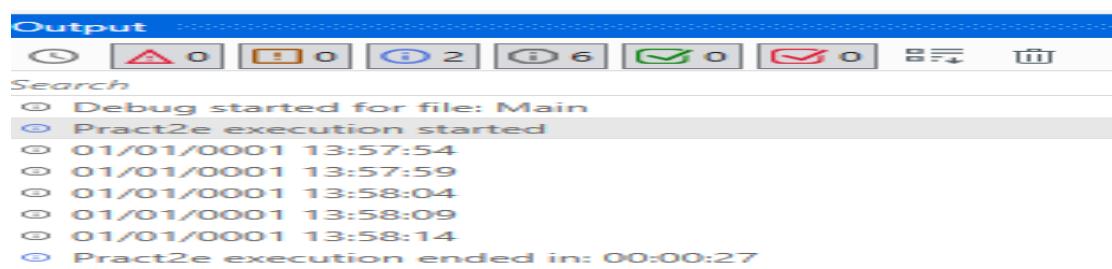
2. Select Do While activity from the activity window and drop into sequence also fill below details. Select message box activity and give x variable as input.
3. Select Delay activity from the activity window and drop into sequence to delay the output message by 5 seconds.



4. Select Assign activity from the activity window and drop into sequence and give value to save as x-1 with condition that that $x > 0$.



Output : The output will be displayed with 5 seconds of delay.

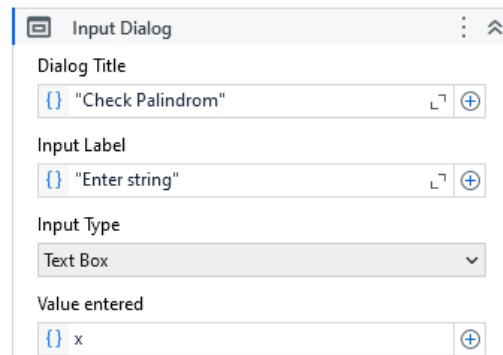


F. Create an automation to demonstrate use of decision statements (if).

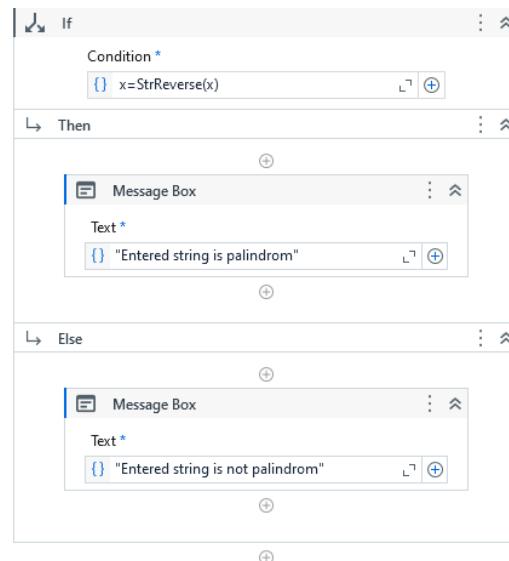
1. Open UI path and create new project with appropriate name and choose language type VB. Create variable x and give value as below.

Name	Variable type	Scope	Default
x	String	Main Sequence	Enter a VB expression
<i>Create Variable</i>			

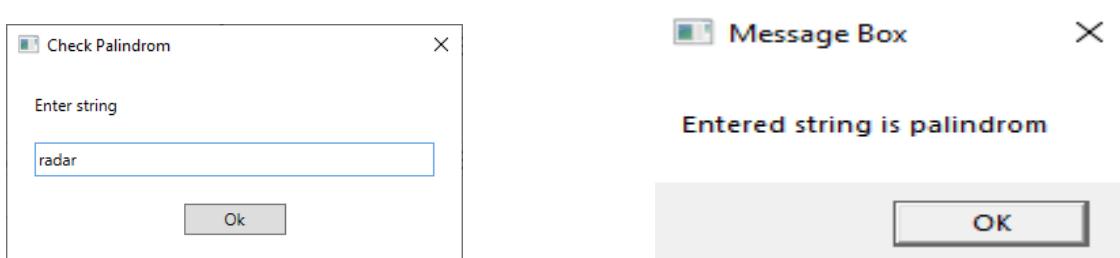
2. Select Input Dialog activity from the activity window and drop into sequence. Give Dialog Title, Input Label, Input Type as below and enter value as variable x.



3. Select If activity from the activity window and drop into sequence to give a condition. If x is equal to reverse of string of x then the message box will display output as : “Entered String is Palindrome.” Else it will display : “ Entered string is not palindrome”.



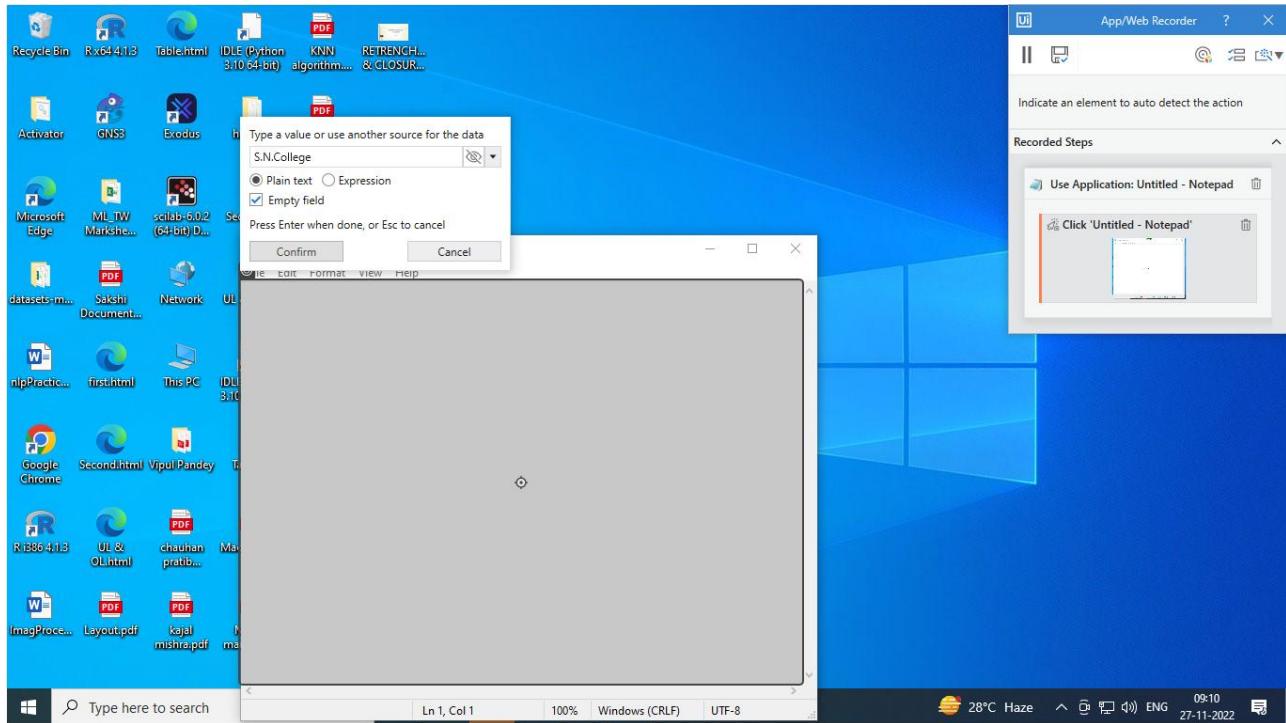
Output:



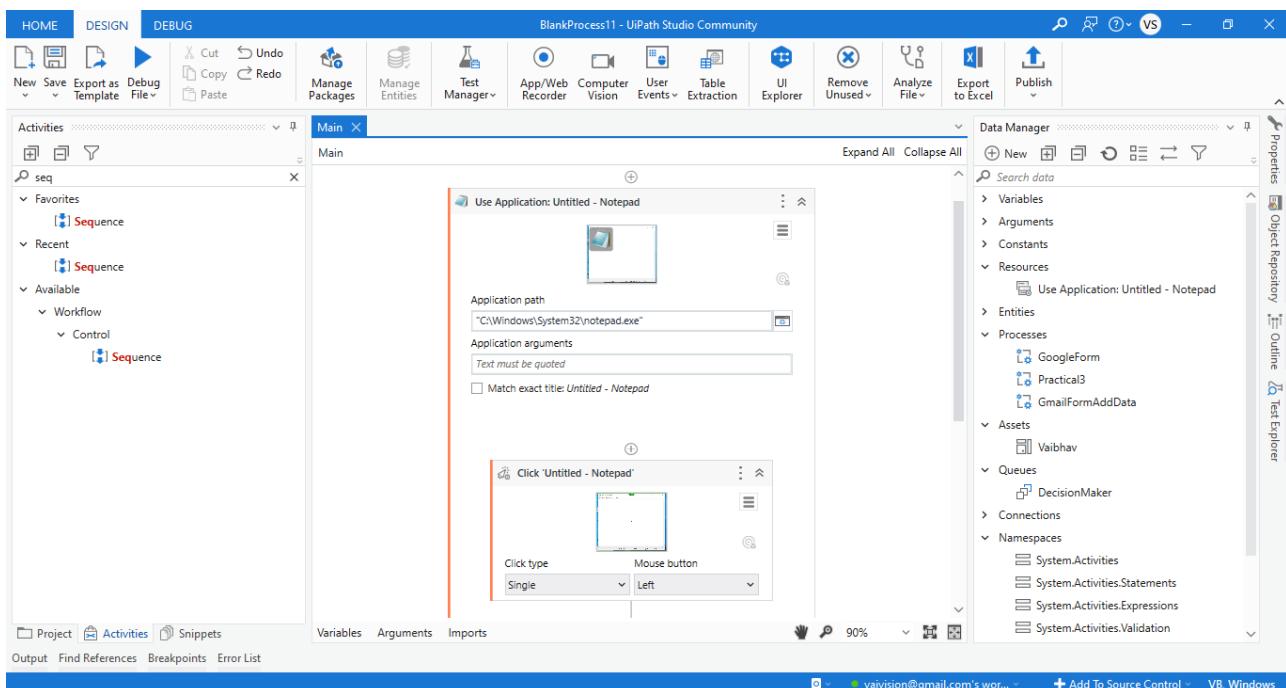
Practical 3

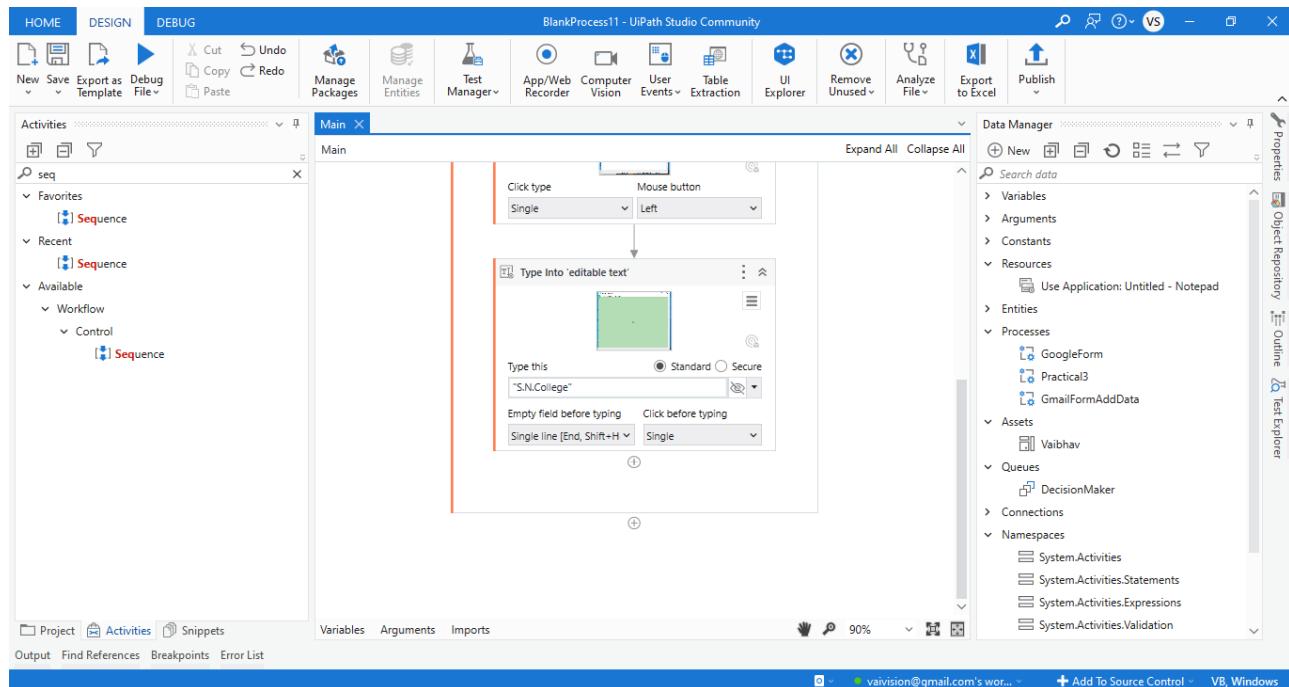
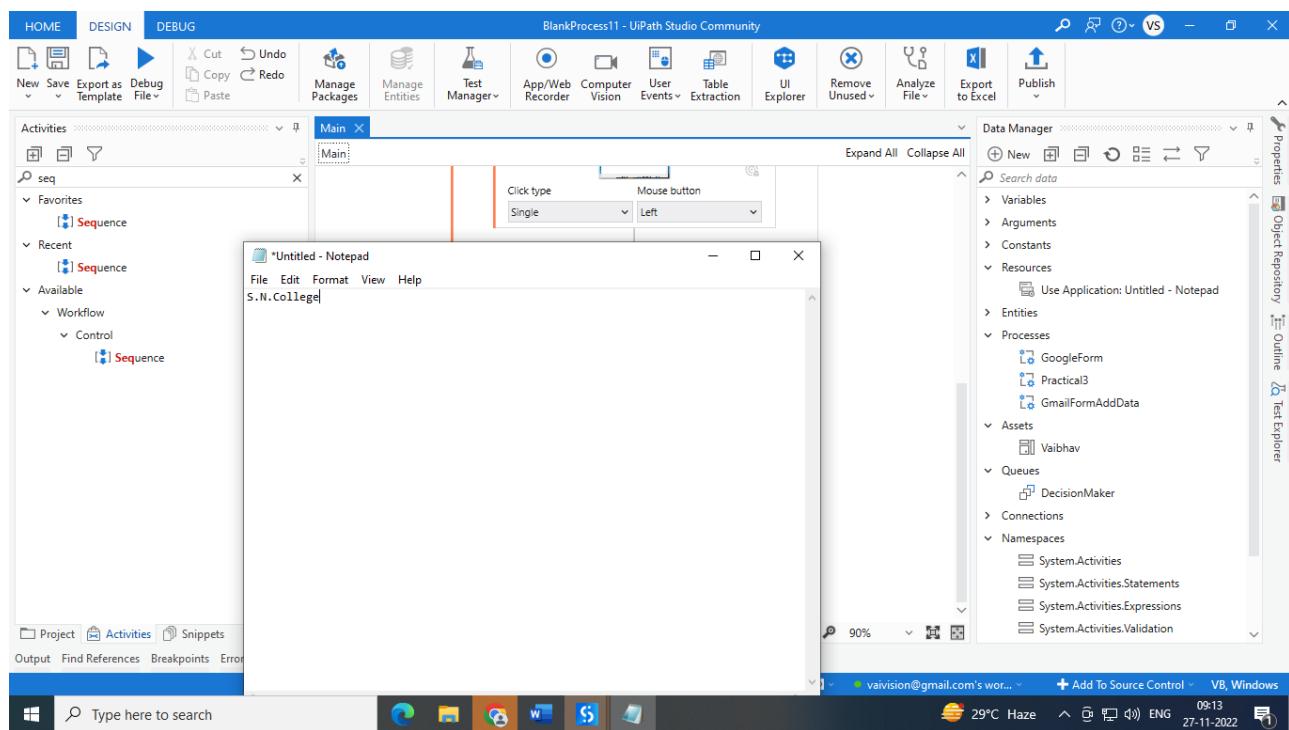
A. Automate any process using basic recording

1. Open UI path and create new project with appropriate name and choose language type VB.
2. Open notepad
3. Click on App/Web recorder
4. Click on notepad. Select white area and type anything. And save process.



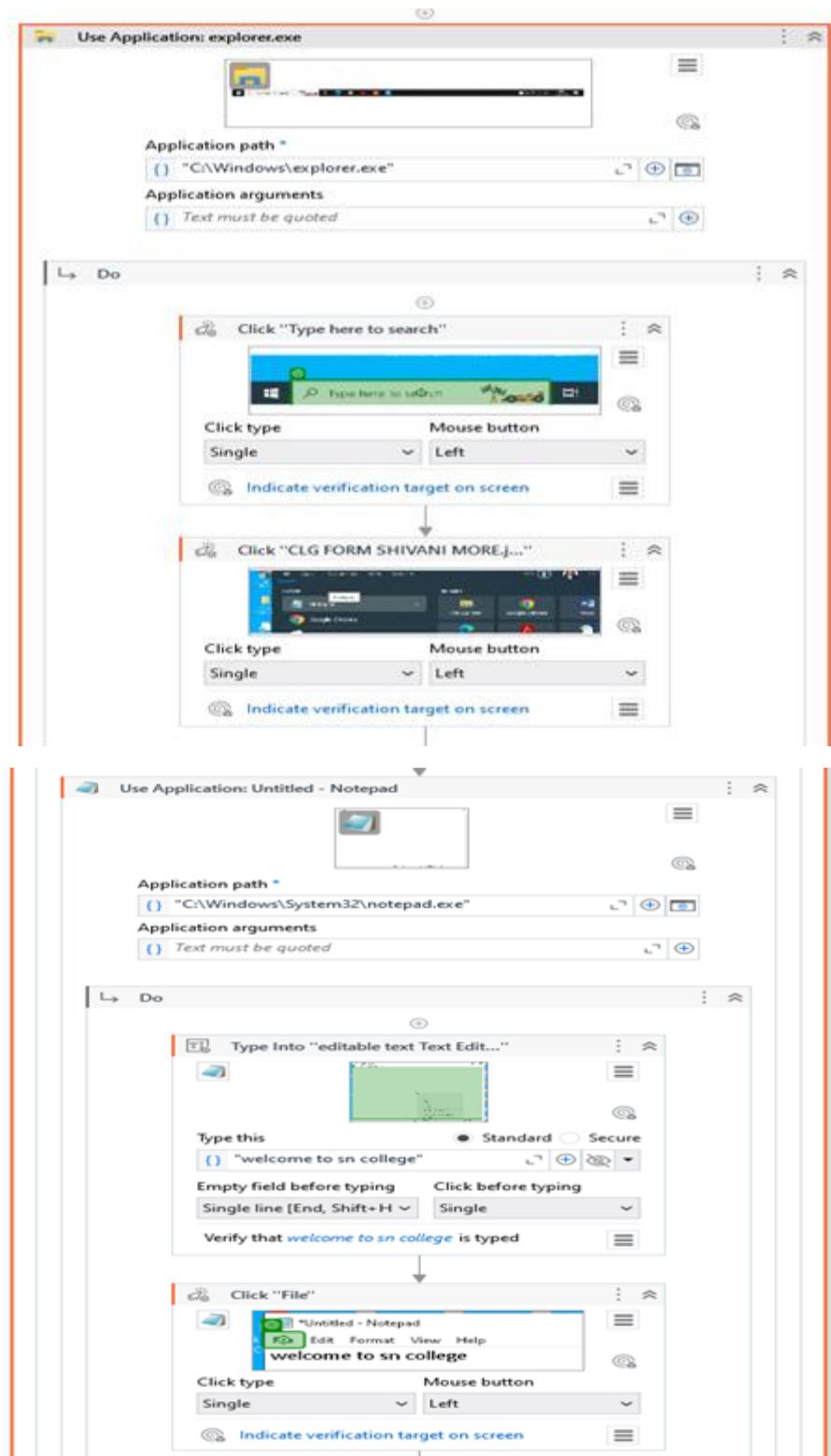
5. After saving it will create below structure automatically.

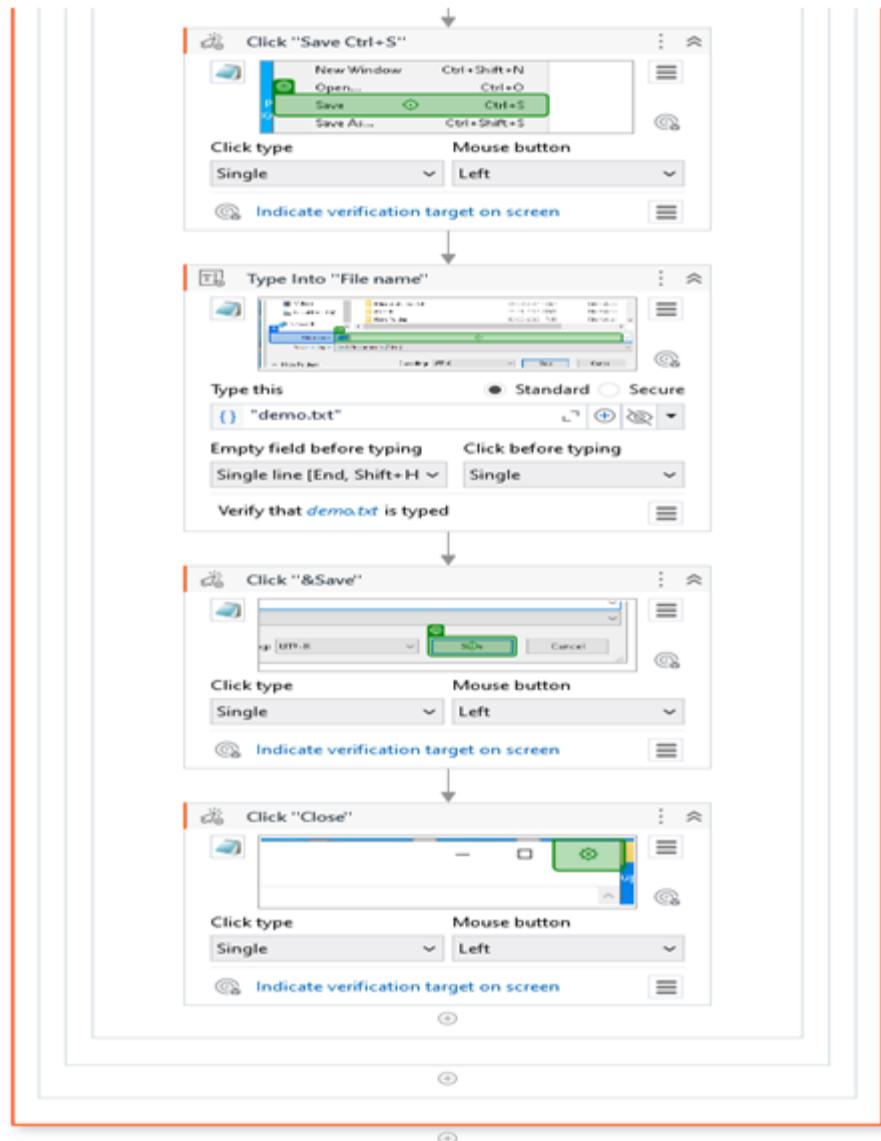


**Output:**

B: Basic Recording using Notepad

1. Open UI path and create new project with appropriate name and choose language type VB.
2. Click on App/Web recorder
3. Click on search of windows. Select require application. Here I am selecting notepad.
4. Then I select blank page of notepad and type into it.
5. Then I click on File menu.
6. Click on save and type file name.
7. Click on save button.



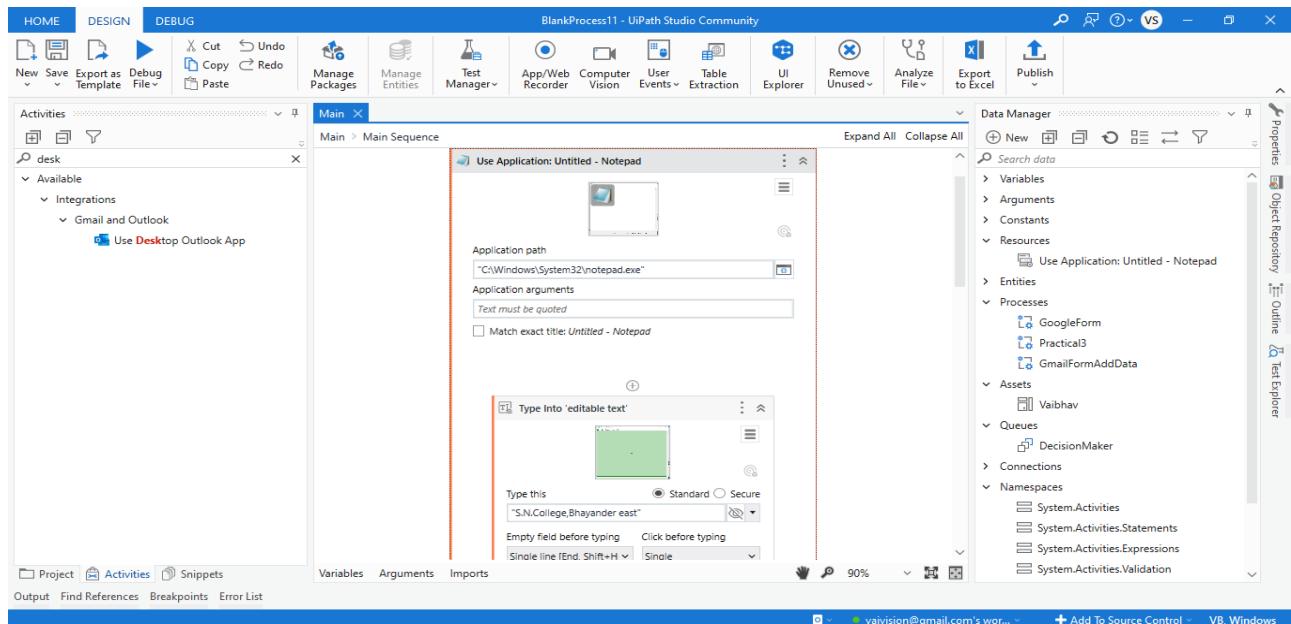
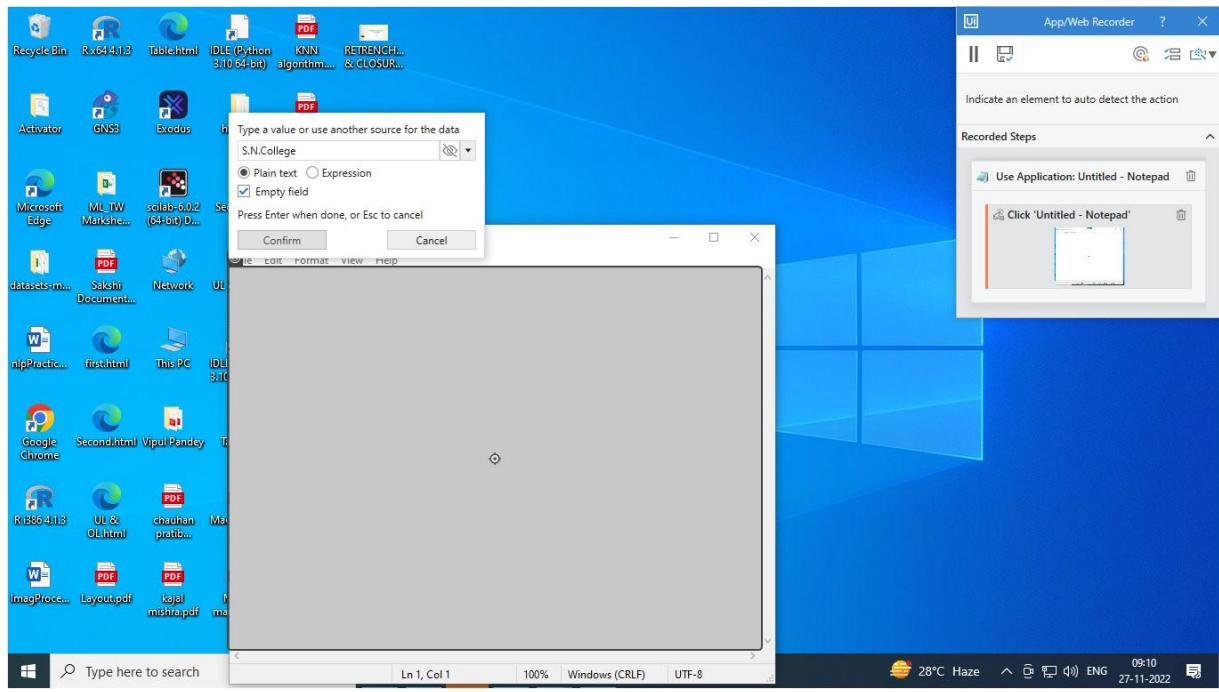


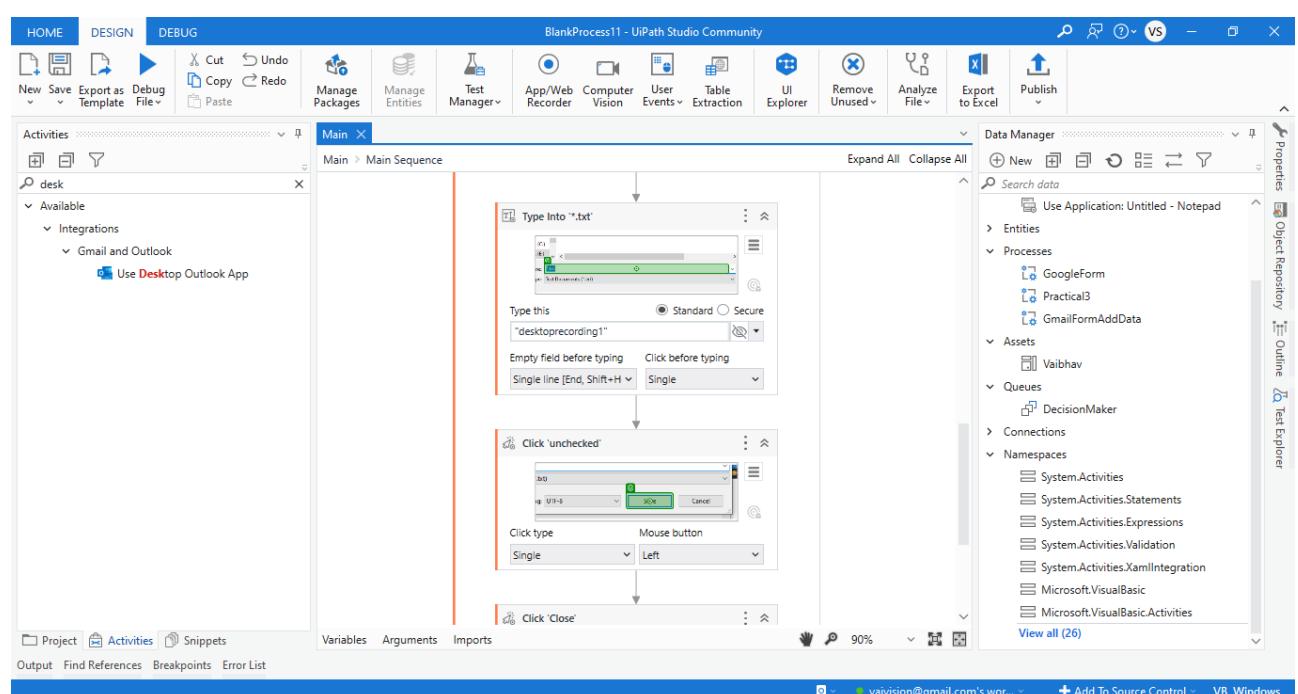
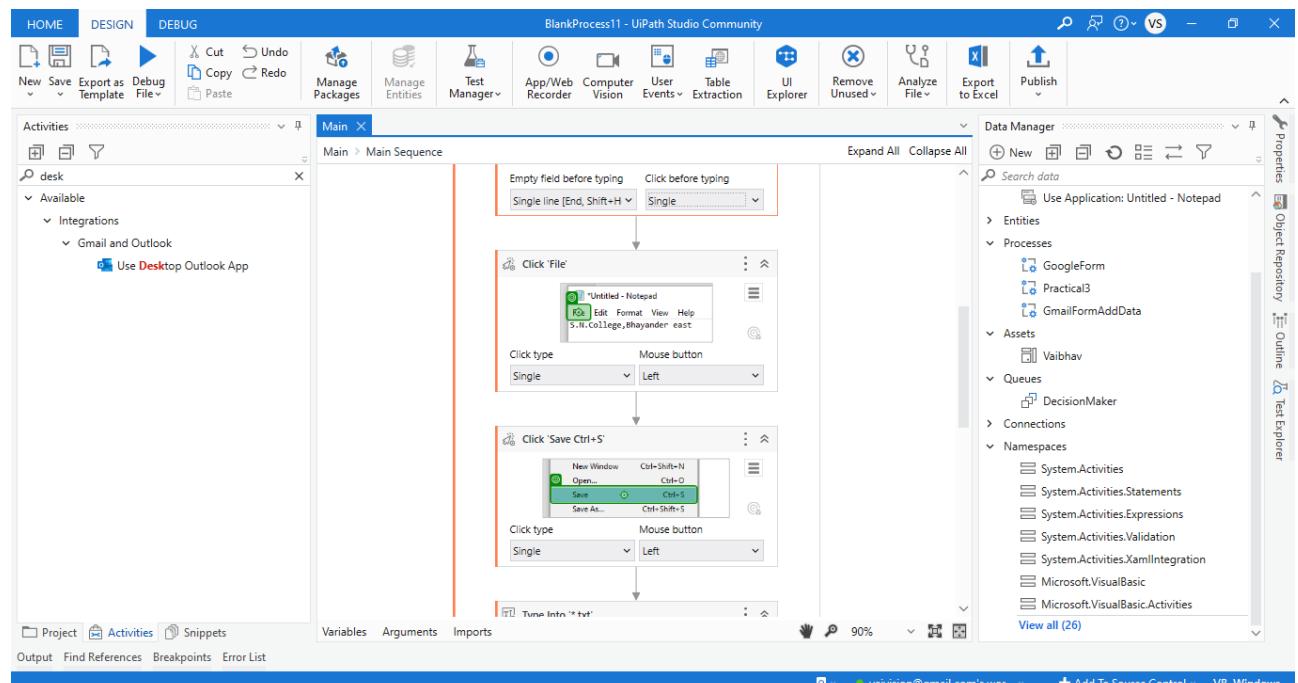
O/P:

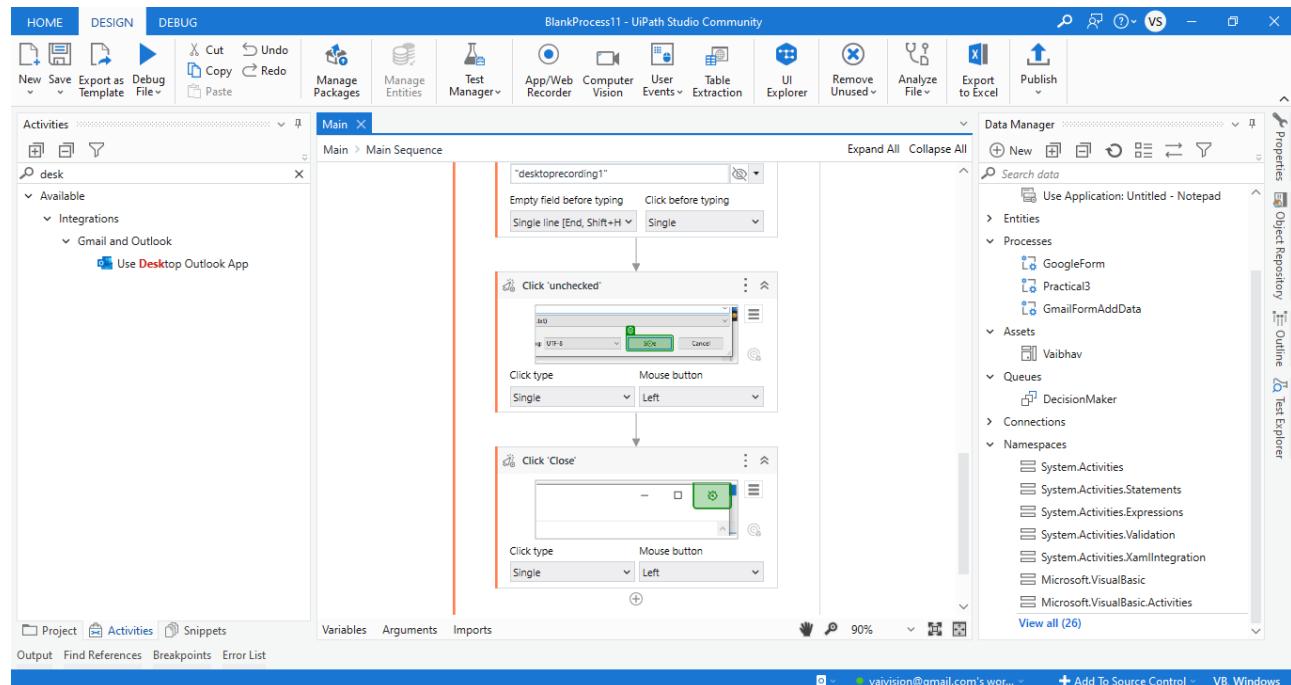
After running process Cursor will click on search of windows. Select require application. Here I am selecting notepad. Then I select blank page of notepad and type into it. Then I click on File menu. Click on save and type file name. Then click on save button.

C. Automate any process using desktop recording using Tool bar.

1. Open UI path and create new project with appropriate name and choose language type VB.
2. Open notepad
3. Click on App/Web recorder
4. Click on notepad. Select white area and type anything. And save process.



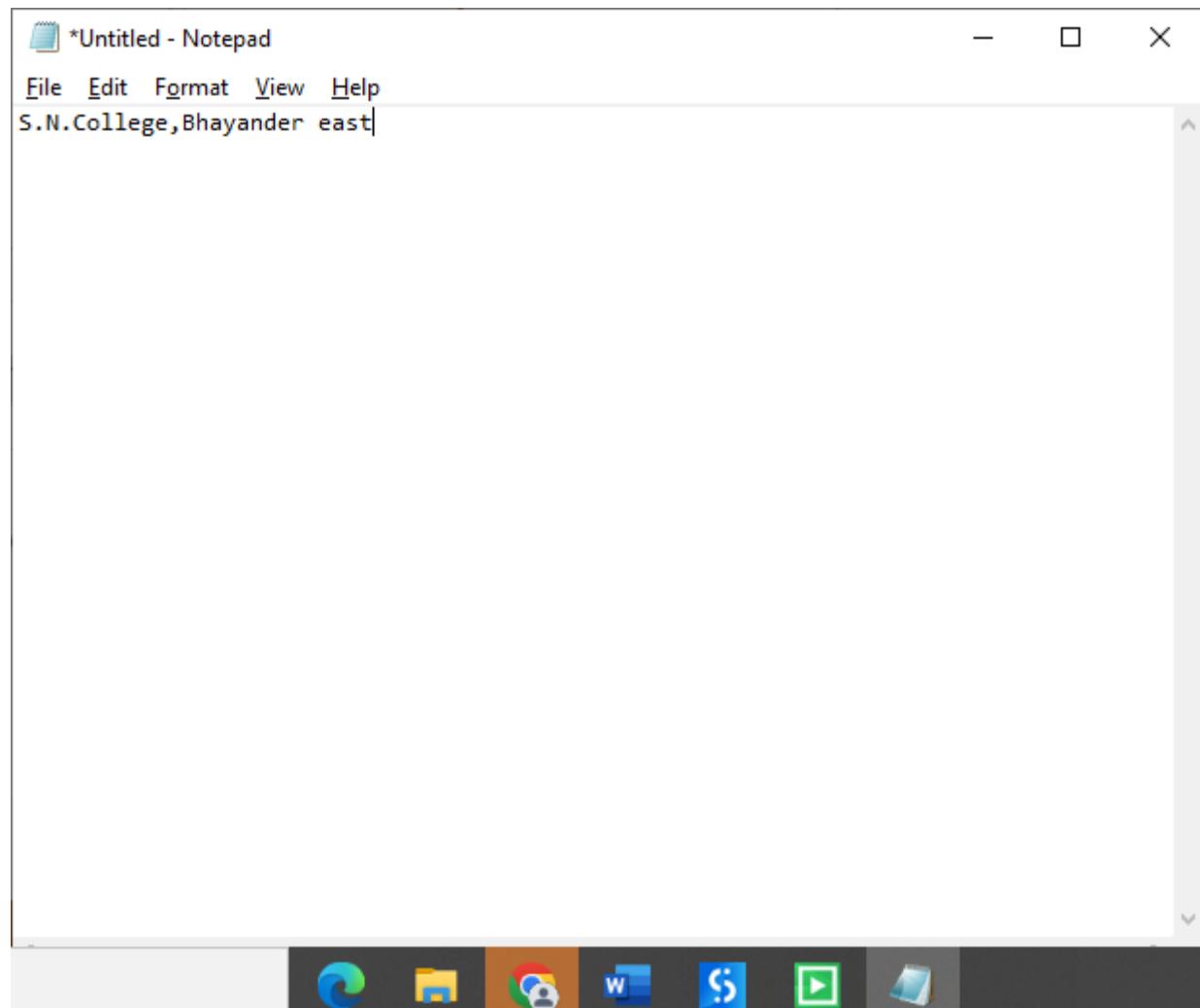




5. Close the notepad.

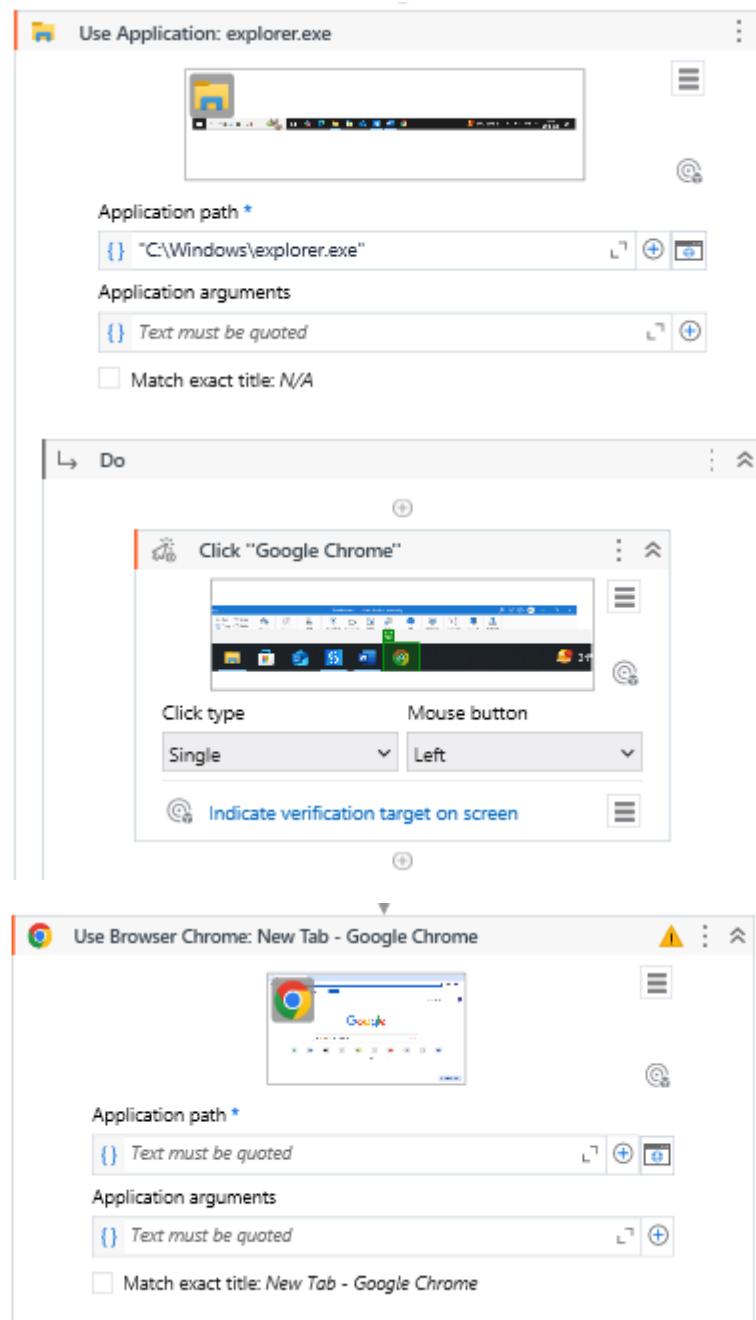
Output:

Also automatically save with desktoprecording1.txt



D. Web Recording e.g. Find the rating of the movie from imdb web site

1. Open UI path and create new project with appropriate name and choose language type VB.
2. Click on App/Web recorder. Choose chrome and click on it.
3. It will open chrome. Select address bar and type any movie name with imdb rating. Press enter key.
4. It will show Imdb rating of movie.
5. Click on save recording.
6. It will show all process like below.



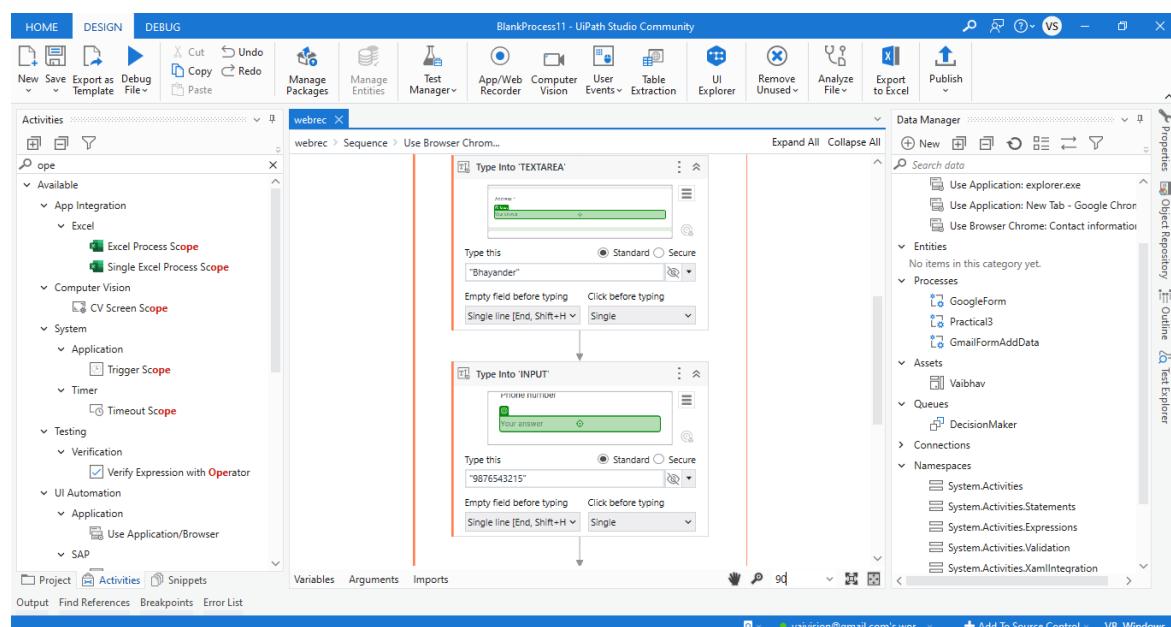
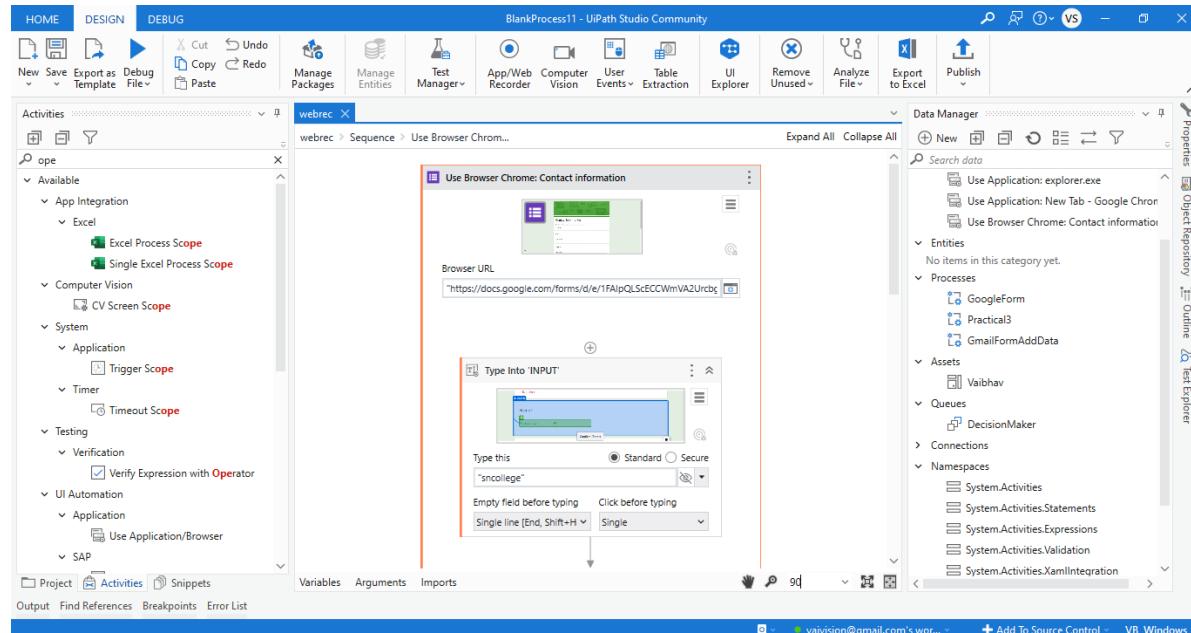
The screenshot displays a sequence of three RPA steps:

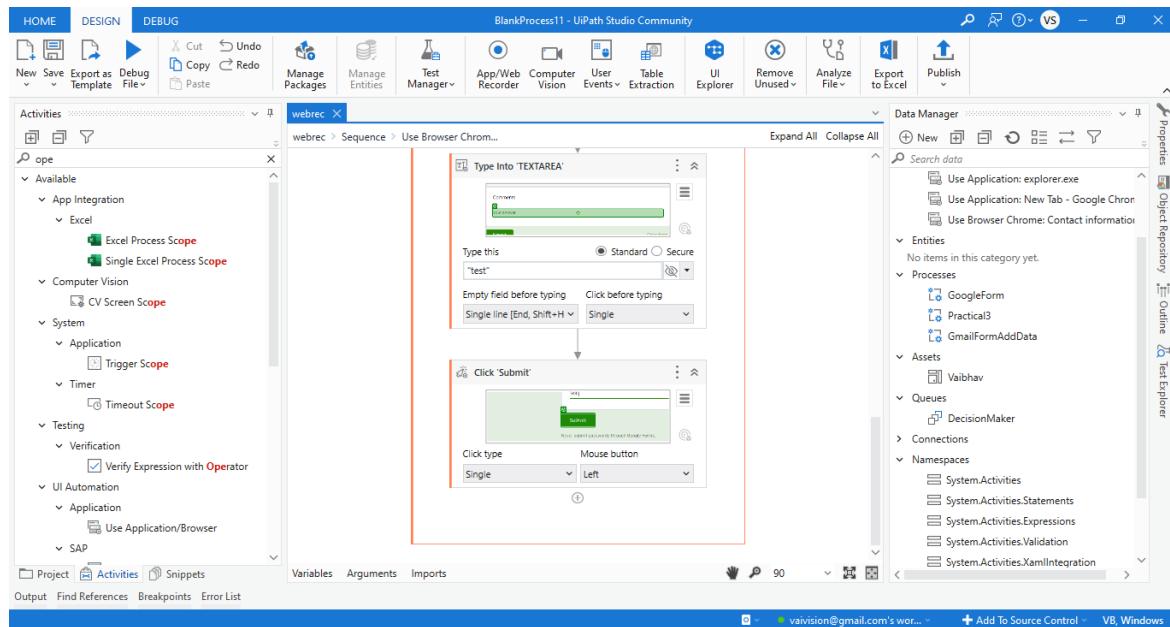
- Type Into "editable text Address a..."**:
 - Type this: `{"imdb rating of kantara movie"}`
 - Empty field before typing
 - Click before typing
 - Single line [End, Shift+H] / Single
 - Verify that `imdb rating of kantara movie` is typed
- Click "pane"**:
 - Click type: Single
 - Mouse button: Left
 - Indicate verification target on screenA screenshot of a browser window titled "Use Browser Chrome: imdb rating of kantara movie - Google Search" is shown, displaying search results.
- Click "9.5/10"**:
 - Click type: Single
 - Mouse button: Left
 - Indicate verification target on screenA screenshot of a browser window titled "Use Browser Chrome: imdb rating of kantara movie - Google Search" is shown, displaying a specific search result with the rating "9.5/10" highlighted.

Output: Run your bot and check. It will show same output.

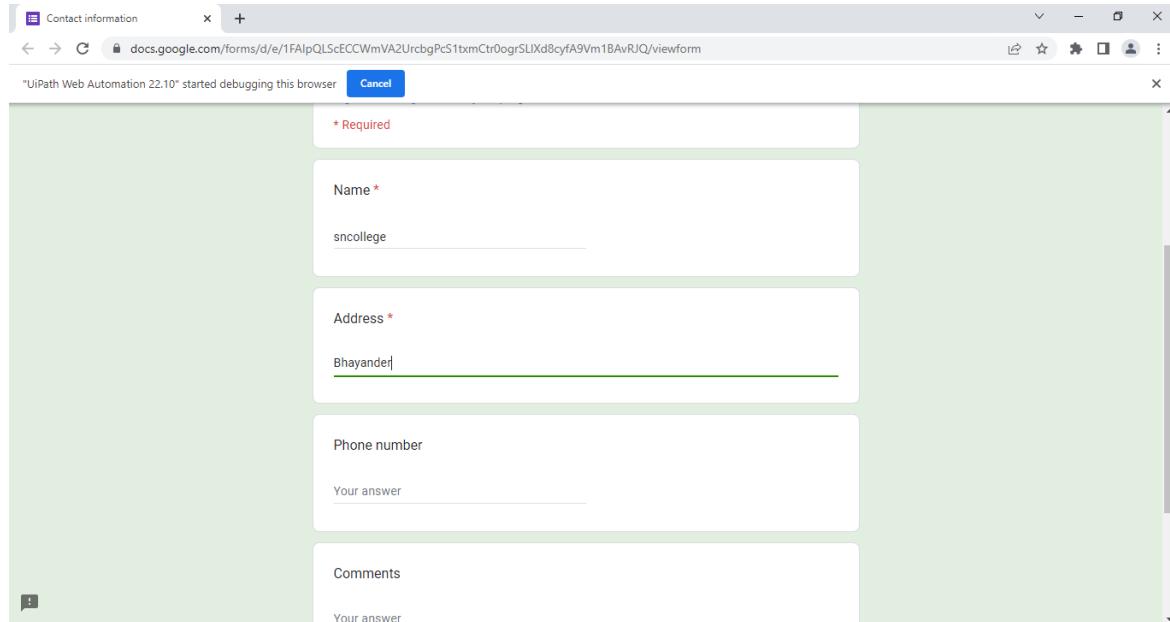
E. Automate any process using web recording

1. Open UI path and create new project with appropriate name and choose language type VB.
2. Click and drag open browser from the activity panel.
3. Enter Url of the form under double quotation.





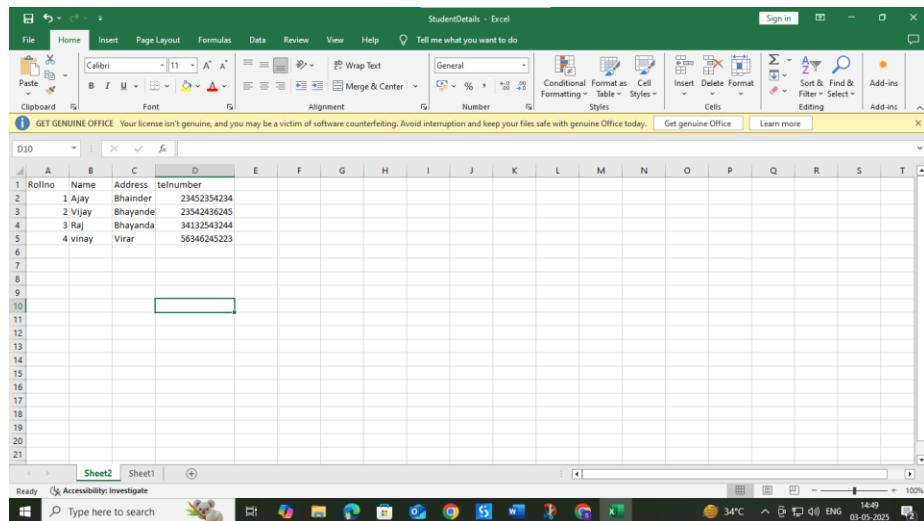
Output:



Practical No 4
Excel Automation

A. Automate the process to extract data from an excel file into a data table and vice versa.

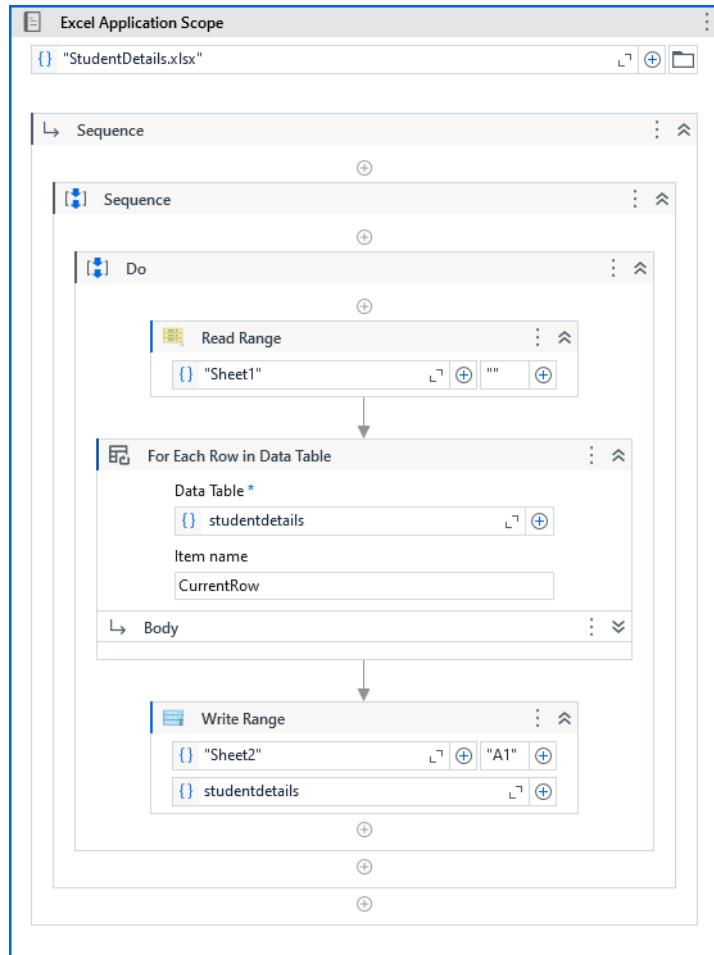
1. Create an excel file with name StudentDetails.xlsx with following data.



The screenshot shows a Microsoft Excel window titled "StudentDetails.xlsx". The table has four columns: Rollno, Name, Address, and telnumber. The data is as follows:

Rollno	Name	Address	telnumber
1	Ajay	Bhairander	23452354234
2	Vijay	Bhayande	2354236245
3	Raj	Bhayanda	34132543244
4	vinay	Virar	56346245223

2. Open UI path and create new project with appropriate name and choose language type VB.
3. Select Excel Application Scope from the activity window and drop into sequence and insert the path of the StudentDetails.xlsx file.
4. Select Do activity from the activity window and drop into sequence and then select Read Range from the activity window and give "sheet1" as read range input.
5. Select For Each Row in Data Table activity from the activity window and drop into sequence and give inputs as shown below.
6. Select Write Range activity from the activity window and drop into sequence to specify the sheet where we need to copy the data and give inputs as shown below. Here sheet2 is given as input for the data to be copied from sheet1.



Output:

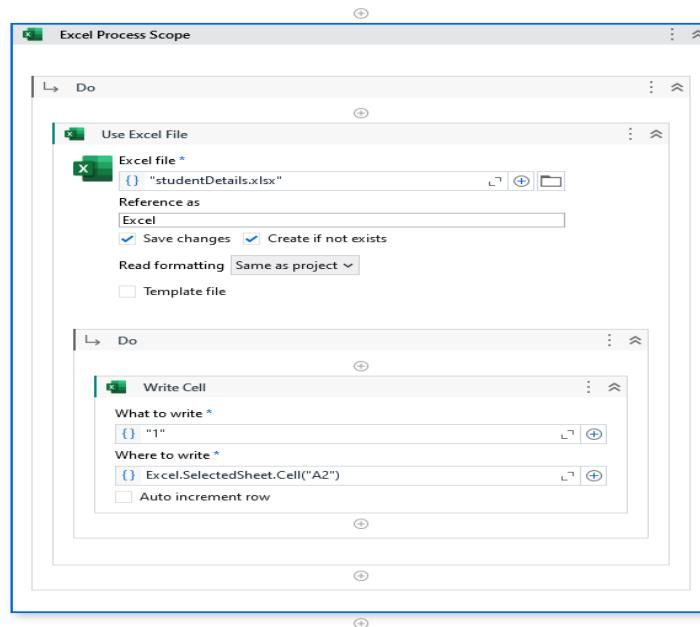
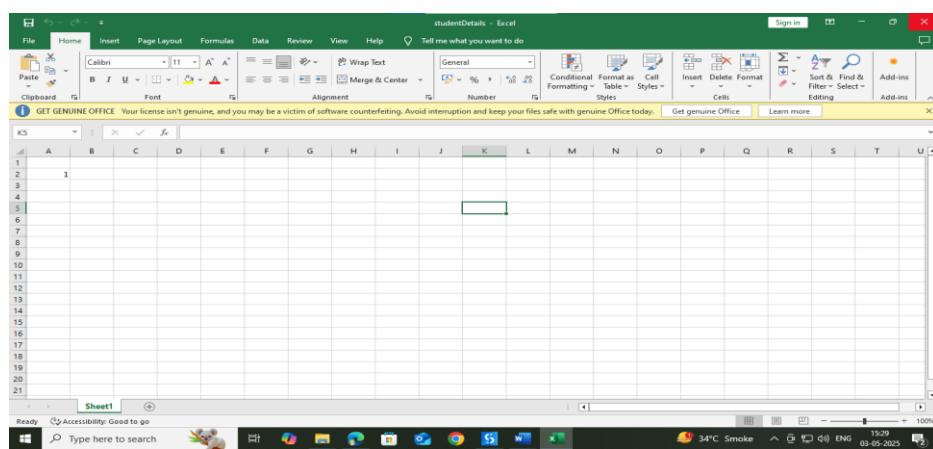
Here data from Sheet2 is copied to Sheet1

StudentDetails - Excel

Rollno	Name	Address	telnumber
1	Ajay	Bhainder	23452354234
2	Vijay	Bhayande	23542436245
3	Rej	Bhayanda	34132543244
4	vinay	Virar	56346245223
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

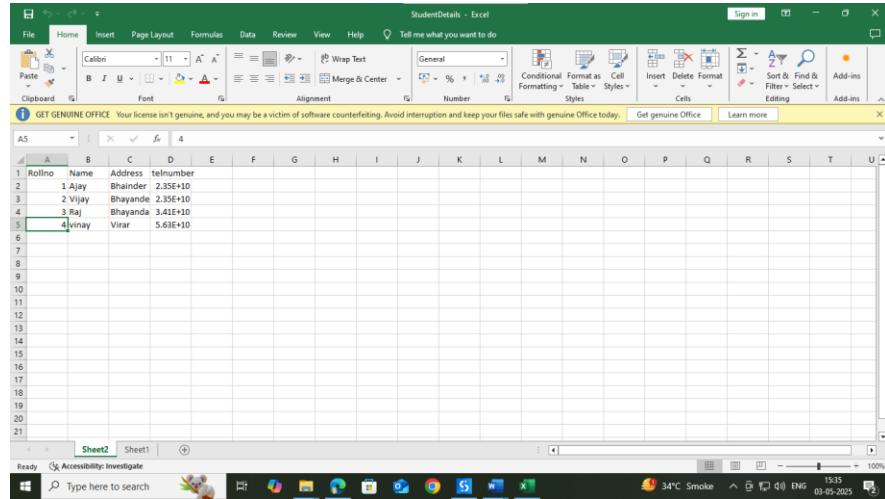
B. Create an automation to Write data to specific cell of an excel sheet.

1. Create an empty excel file StudentDetails.xlsx.
2. Open UI path and create new project with appropriate name and choose language type VB.
3. Select Excel Process Scope from the activity window and drop into sequence
4. Select Do activity from the activity window and then select Use Excel File activity and give inputs as below. Insert StudentDetails.xlsx as excel input.
5. Again select Do activity from the activity box and insert write cell activity to specify the data to be written in specific cell and give input as below along with the cell location

**Output:**

C. Create an automation to Read data to specific cell of an excel sheet.

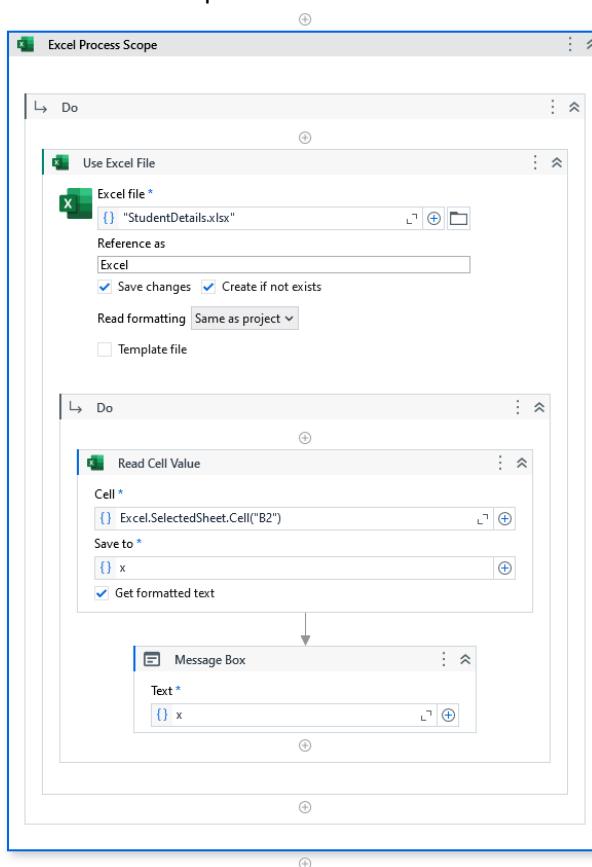
1. Create an excel file with name StudentDetails.xlsx with following data.



A screenshot of Microsoft Excel showing a table titled "StudentDetails". The table has columns labeled "Rollno", "Name", "Address", and "telnumber". The data is as follows:

Rollno	Name	Address	telnumber
1	Ajay	Bhaiander	2.35E+10
2	Vijay	Bhayande	2.35E+10
3	Raj	Bhayanda	3.41E+10
4	Vinay	Virar	5.63E+10

2. Open UI path and create new project with appropriate name and choose language type VB.
3. Select Excel Process Scope from the activity window and drop into sequence
4. Select Do activity from the activity window and then select Use Excel File activity and give inputs as below. Insert StudentDetails.xlsx as excel input.
5. Again select Do activity from the activity box and insert read cell activity to read the data from the specified location. Use input values as shown below to read the data



Output:

A screenshot of Microsoft Excel showing a data table and a message box.

The data table has columns labeled Rollno, Name, Address, and telnumber. The rows contain the following data:

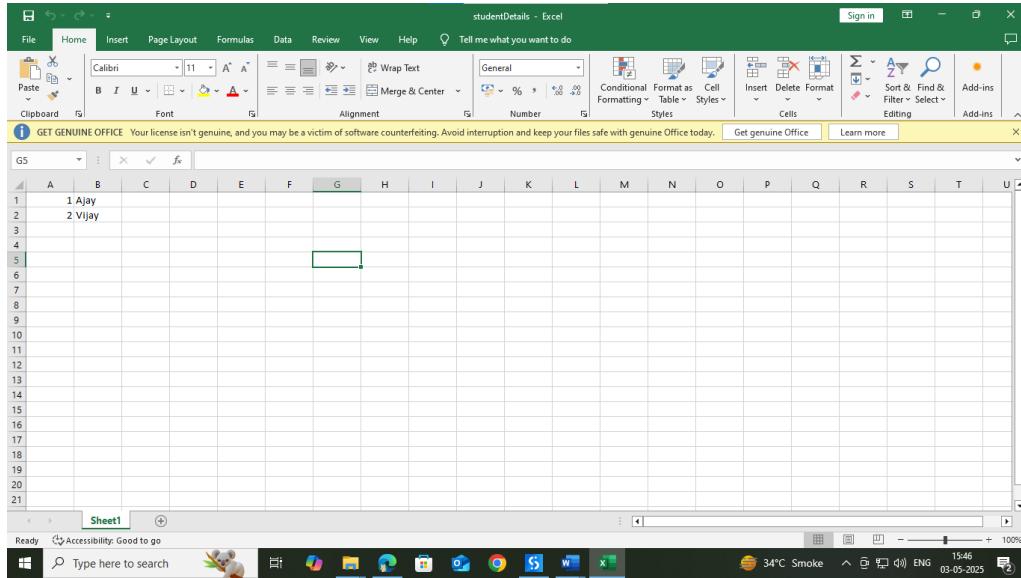
Rollno	Name	Address	telnumber
1	Ajay	Bhainder	2.35E+10
2	Vijay	Bhayande	2.35E+10
3	Raj	Bhayanda	3.41E+10
4	vinay	Virar	5.63E+10

A message box titled "Message..." is displayed in the center of the screen, containing the text "Ajay" and an "OK" button.

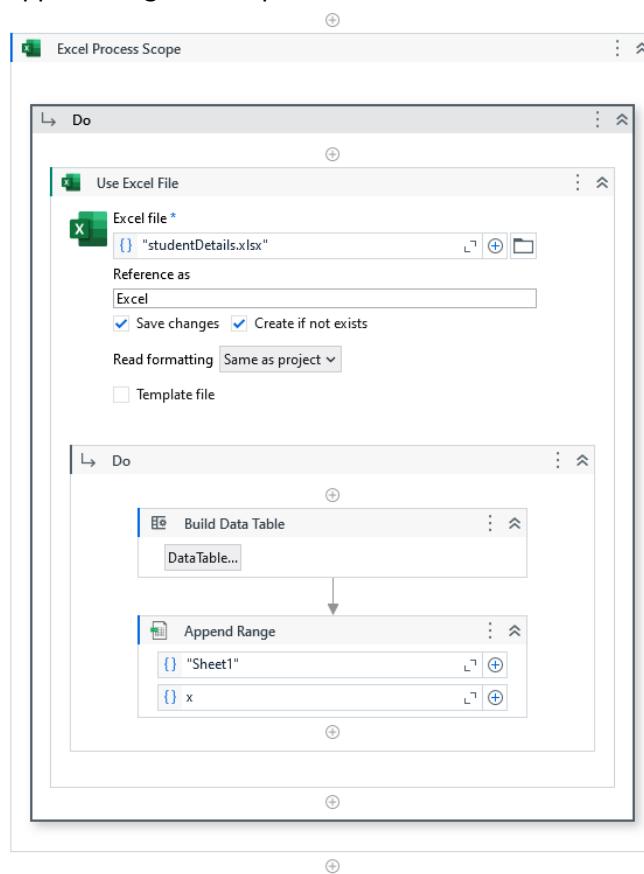
The Excel ribbon is visible at the top, showing tabs like File, Home, Insert, Page Layout, Formulas, Data, Review, View, Help, and Add-ins. The Home tab is selected. The status bar at the bottom shows various system information including Average: 28173122614, Count: 4, Sum: 56346245227, battery level, 34°C, ENG, 15:41, and 03-05-2025.

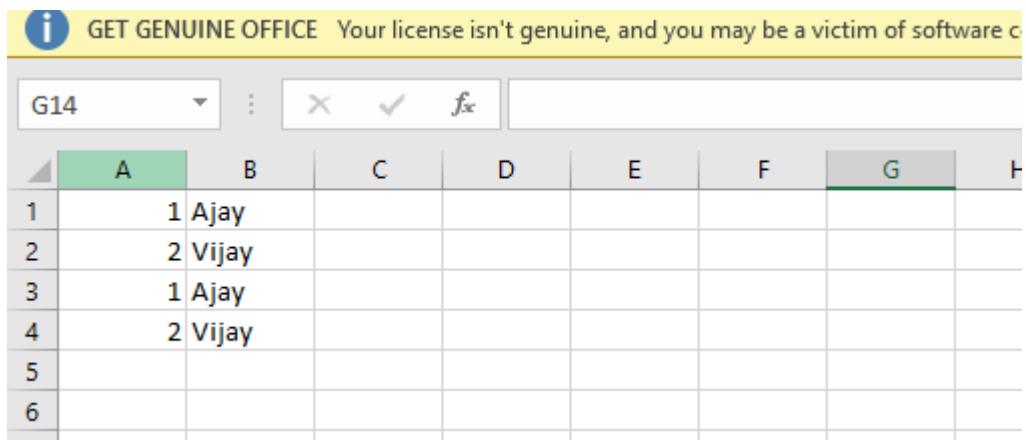
D. Create an automation to append data to specific cell of an excel sheet.

1. Create an empty excel file StudentDetails.xlsx.



2. Open UI path and create new project with appropriate name and choose language type VB.
3. Select Excel Process Scope from the activity window and drop into sequence
4. Select Do activity from the activity window and then select Use Excel File activity and give inputs as below. Insert StudentDetails.xlsx as excel input.
5. Again, select Do activity from the activity box and insert Build data table and then insert append range. Use input values as shown below to read the data



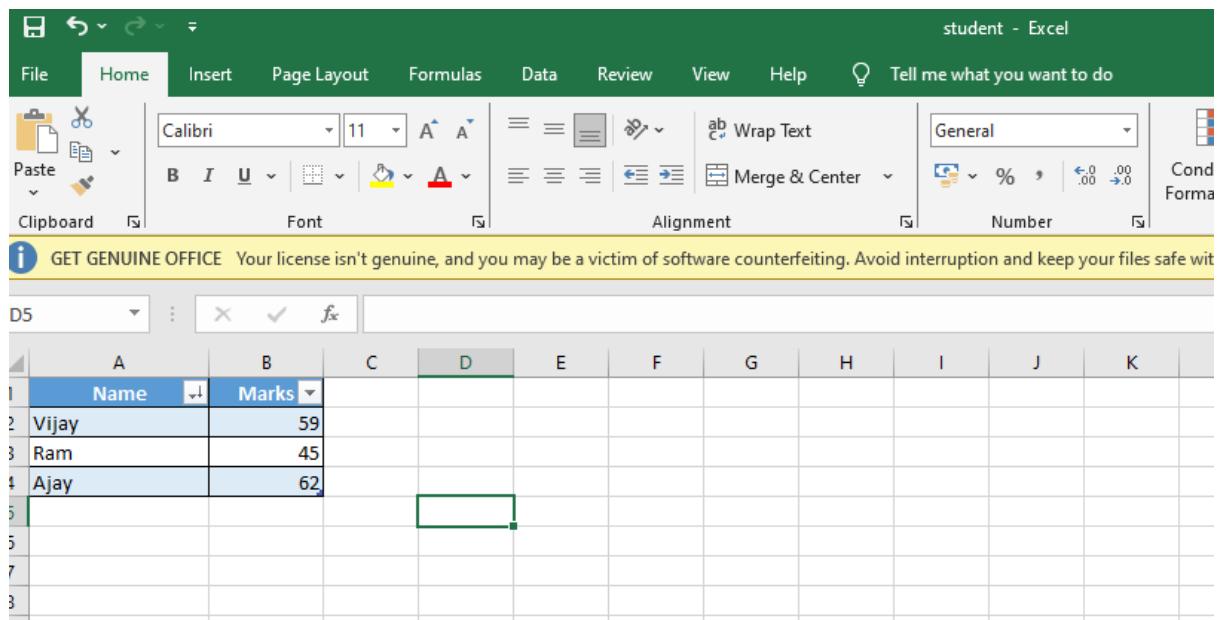
Output:


A screenshot of Microsoft Excel showing a table with data. The table has 6 rows and 2 columns. The first column contains numbers 1 through 6. The second column contains pairs of numbers: (1, Ajay), (2, Vijay), (1, Ajay), (2, Vijay), (,), and (,).

1	1 Ajay
2	2 Vijay
3	1 Ajay
4	2 Vijay
5	
6	

E. Create an automation to sort a table of an excel sheet.

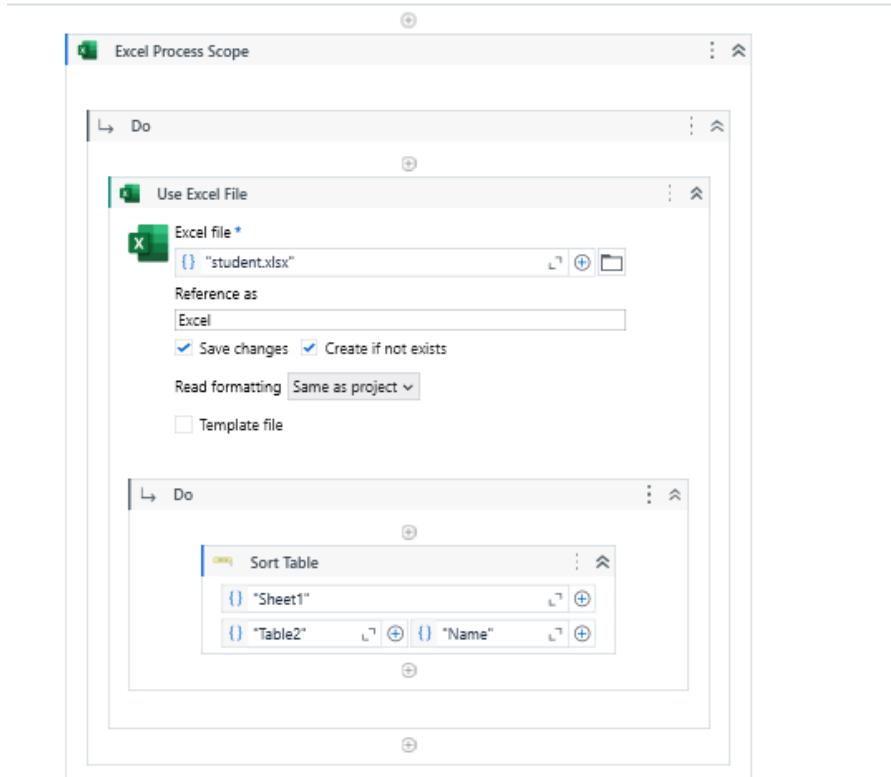
1. Create an excel file Student.xlsx.



A screenshot of Microsoft Excel showing a table with data. The table has 5 rows and 2 columns. The first row is a header with "Name" and "Marks". The subsequent rows contain data: (Vijay, 59), (Ram, 45), (Ajay, 62). The "Marks" column is sorted in ascending order. A green selection box highlights the range from D5 to D6.

Name	Marks
Vijay	59
Ram	45
Ajay	62

2. Open UI path and create new project with appropriate name and choose language type VB.
3. Select Excel Process Scope from the activity window and drop into sequence
4. Select Do activity from the activity window and then select Use Excel File activity and give inputs as below. Insert Student.xlsx as excel input.
5. Again select Do activity from the activity box and insert Sort Table to sort the data . Use input values as shown below to read the data



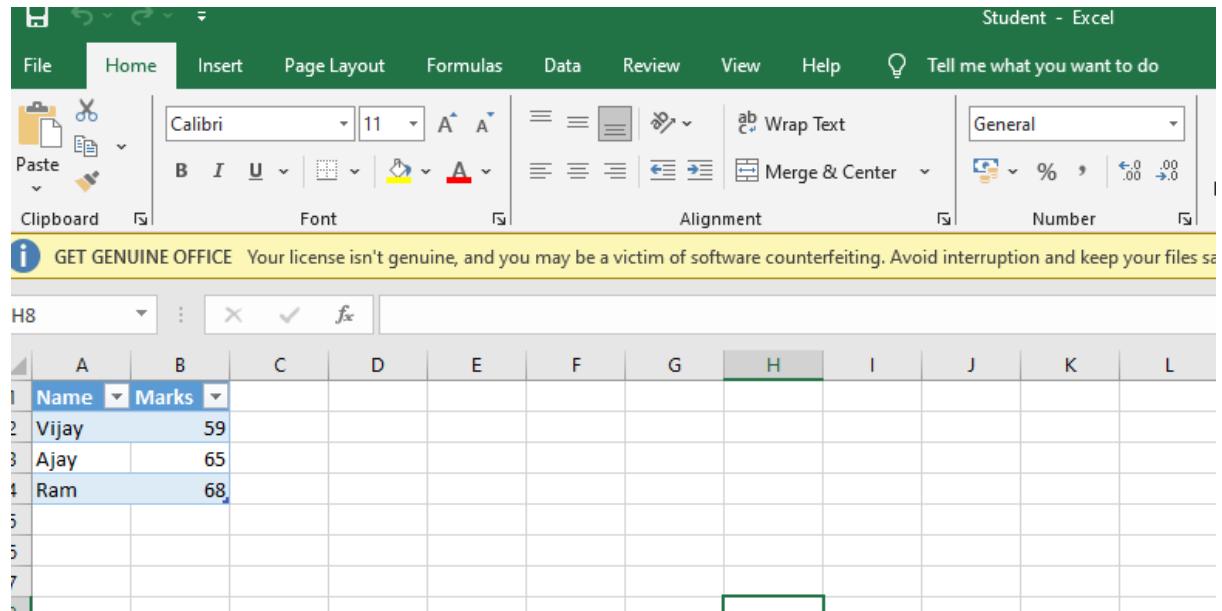
Output:

The screenshot shows a Microsoft Excel spreadsheet titled "student - Excel". The ribbon menu is visible at the top, with the "Home" tab selected. The "Font" group on the ribbon includes Calibri, 11pt, bold, italic, underline, and various alignment options like Wrap Text and Merge & Center. The "Number" group shows a general format and currency settings. A yellow status bar at the bottom displays the message: "GET GENUINE OFFICE Your license isn't genuine, and you may be a victim of software counterfeiting. Avoid interruption and keep your f". The main content area contains a table with columns "Name" and "Marks". The first row is a header, and the subsequent rows contain data for students Ajay, Ram, and Vijay.

	Name	Marks
1	Ajay	62
2	Ram	45
3	Vijay	59
4		
5		
6		

F. Create an automation to filter a table of an excel sheet

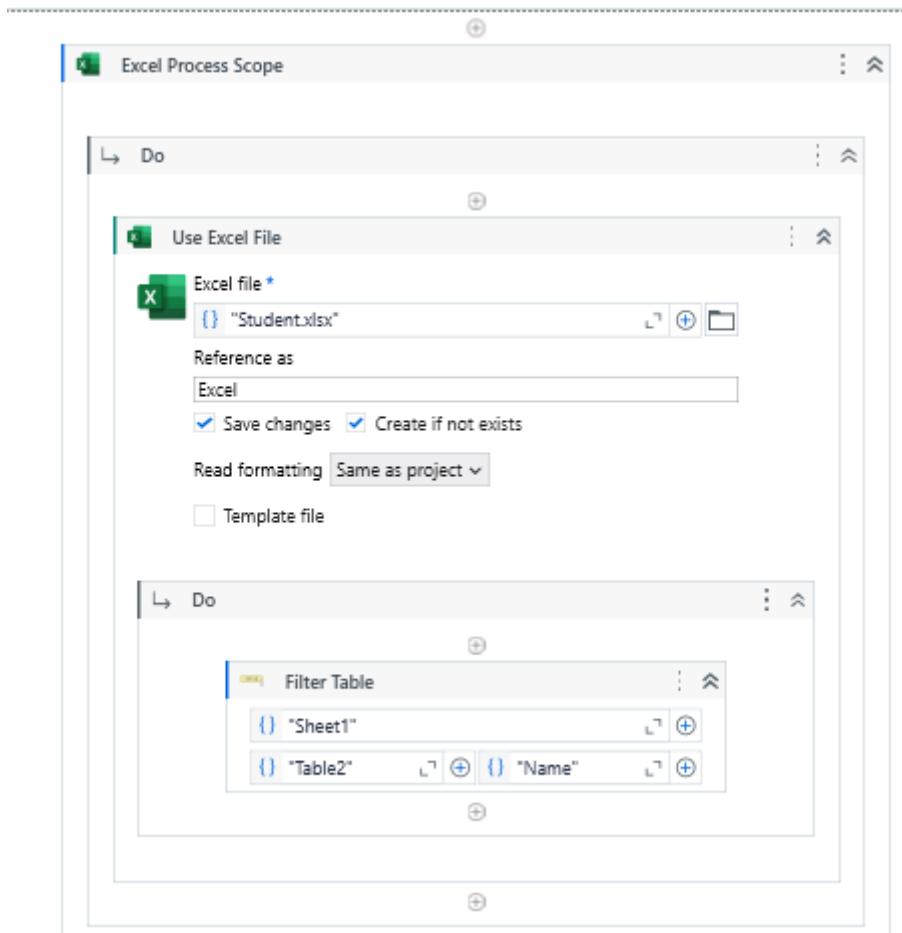
1. Create an excel file Student.xlsx.



A screenshot of the Microsoft Excel application window titled "Student - Excel". The ribbon menu is visible at the top, showing tabs like File, Home, Insert, Page Layout, Formulas, Data, Review, View, and Help. The "Home" tab is selected. The main area shows a table with two columns: "Name" and "Marks". The first row contains headers "Name" and "Marks". The second row contains data "Vijay" and "59". The third row contains data "Ajay" and "65". The fourth row contains data "Ram" and "68". The table has a light blue header row and white data rows. The column headers are bolded. The "Marks" column is sorted in descending order. The cell containing "59" is highlighted with a yellow background. The status bar at the bottom of the screen displays a message about a genuine Office license.

Name	Marks
Vijay	59
Ajay	65
Ram	68

2. Open UI path and create new project with appropriate name and choose language type VB.
3. Select Excel Process Scope from the activity window and drop into sequence
4. Select Do activity from the activity window and then select Use Excel File activity and give inputs as below. Insert Student.xlsx as excel input.
5. Again select Do activity from the activity box and insert Filter Table to filter the data . Use input values as shown below to read the data

**Output:**

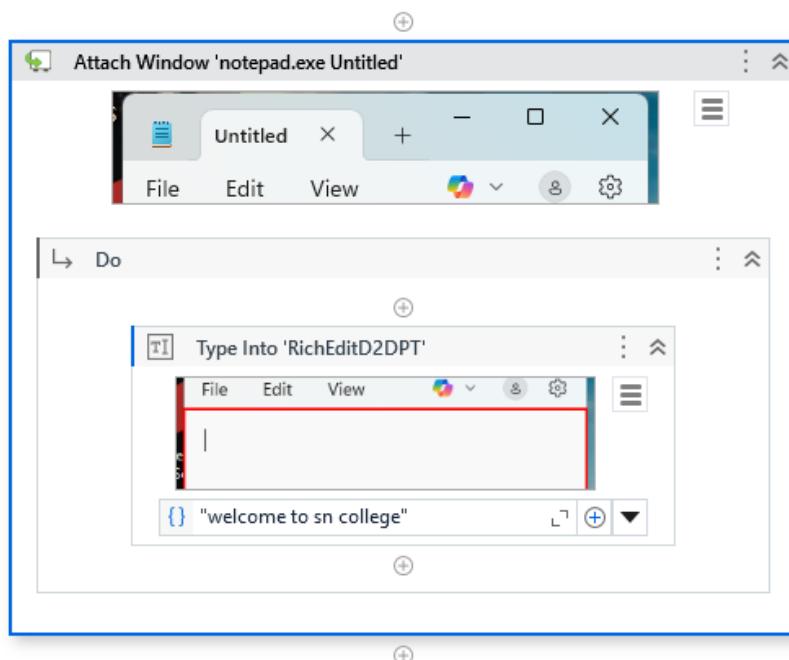
The screenshot shows a Microsoft Excel spreadsheet titled 'Student - Excel'. The table has two columns: 'Name' and 'Marks'. The data rows are 1 and 2. Row 1 contains 'Name' and 'Marks'. Row 2 contains 'Vijay' and '59'. The 'Marks' column is currently selected, indicated by a green selection bar at the bottom of the column.

	Name	Marks
1	Vijay	59
2		
3		
4		
5		
6		
7		

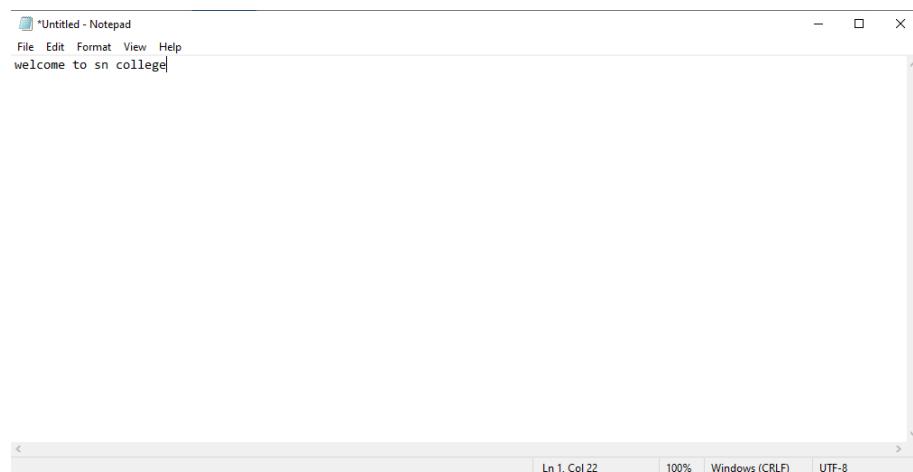
Practical No 5
Different controls in UiPath

A. Implement the attach window activity.

1. Open UiPath Studio and click on Blank to start a fresh project. Give it a meaningful name. Like Pratical5A.
2. Open Main.xaml from Project tab. On the Designer panel, double click a Attached window activity from the Activities panel.
3. Open Notepad and click on Indicate window on screen from Attached window activity. And select blank notepad page.
4. Take another activity like Type Into activity and click on Indicate window on screen from type into activity. And type as per your requirement e.g. "welcome to sn College".
5. It will show complete flow like below.



Output:

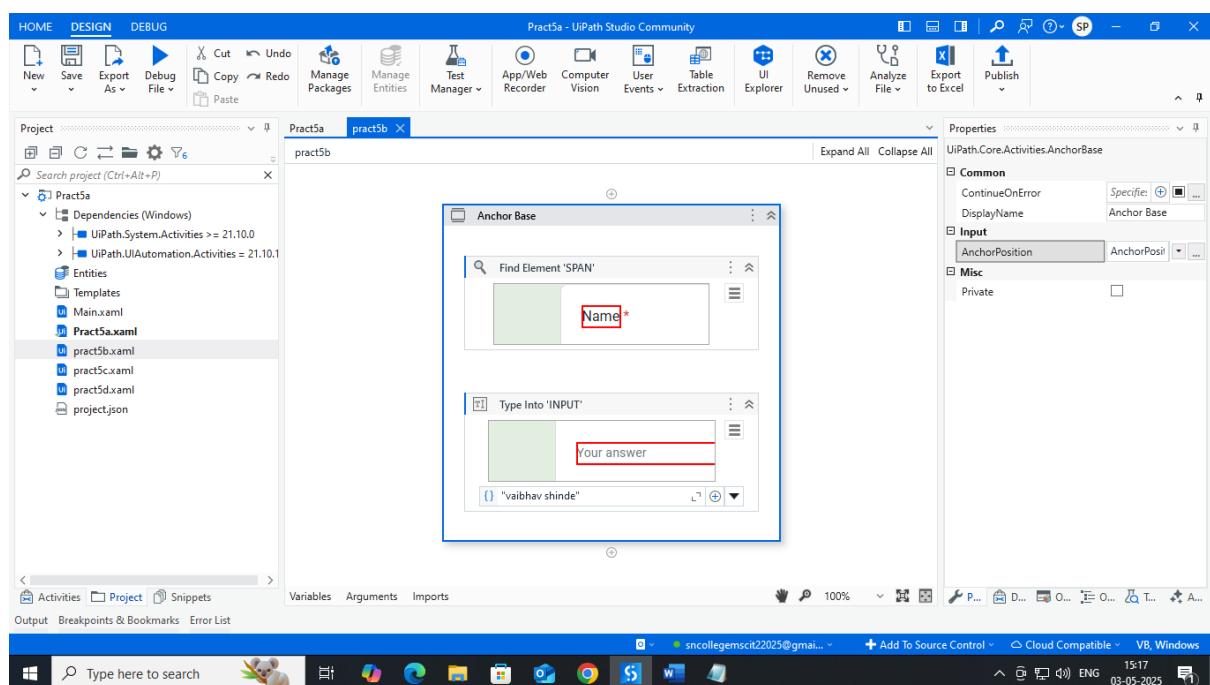


B. Automate using Anchor Base.

1. Open UiPath Studio and click on Blank to start a fresh project. Give it a meaningful name. Like Pratical5B.
2. Open Main.xaml from Project tab. On the Designer panel, double click **Anchor Base** activity from the Activities panel.
3. Select any label name from any form (Google form or any login form).
4. Select Anchor Position like top/bottom/left/right/auto.
5. Select **Type Into** activity from activity window. And select textbox which you want to fill.

Sample link:

https://docs.google.com/forms/d/e/1FAIpQLSfBt4jcytSWD6_aH9j30SW8_qFF2U_4CjTB5ARUITJxqfstyg/viewform?usp=pp_url



Output:

Contact information

sncollegemscit22025@gmail.com [Switch account](#)

Not shared

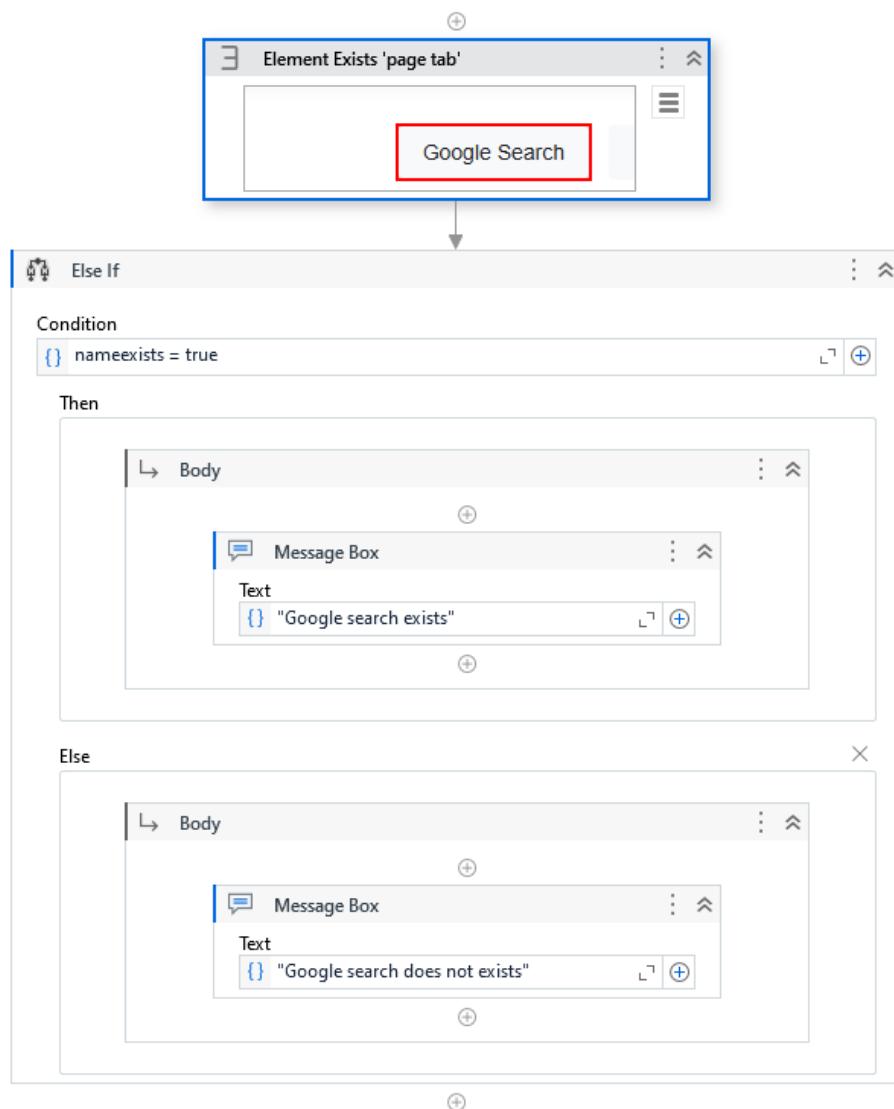
* Indicates required question

Name *

vaibhav shinde

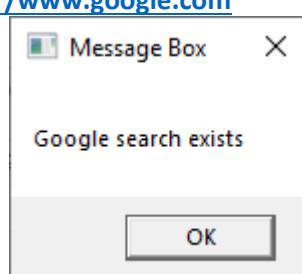
C. Automate using Element Exists.

1. Open UiPath Studio and click on Blank to start a fresh project. Give it a meaningful name. Like Practical5C.
2. Open Main.xaml from Project tab. On the Designer panel, double click **Element Exists** activity from the Activities panel.
3. Click on Indicate window on screen and select **Google search** button from google.com.
4. Create one variable **nameexists** as **boolean**. And mapped in exists property of **Element Exists** activity.
5. Select **Else-if** activity from activity window. And give condition as below.

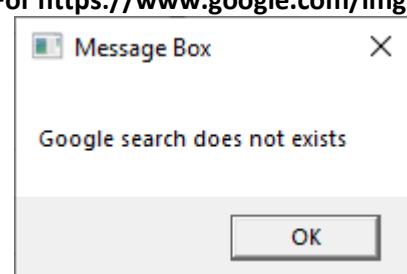


Output:

For <https://www.google.com>



For <https://www.google.com/imghp>

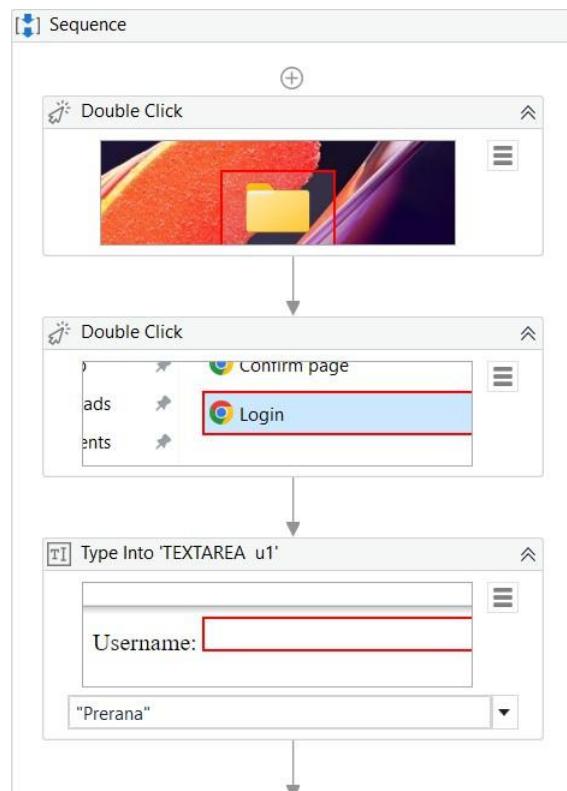


Practical No. 6**A. Demonstrate the following activities in UiPath:**

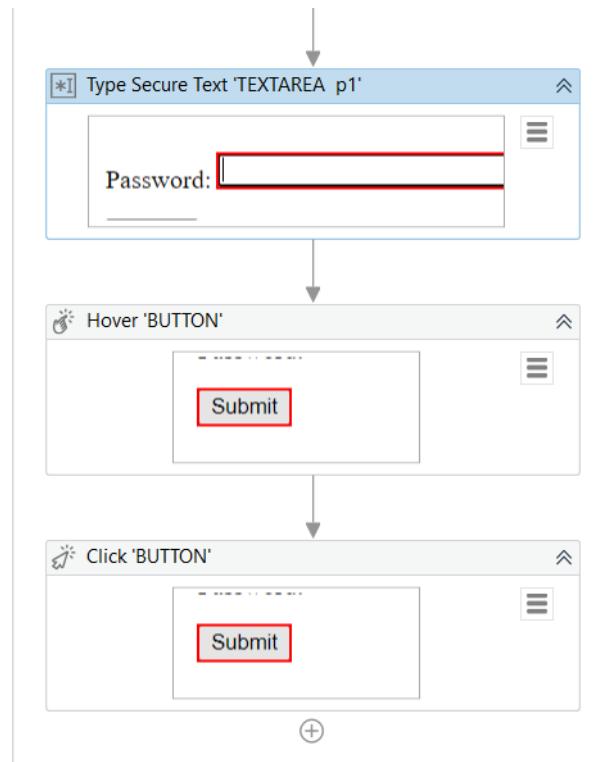
- i. Mouse (click, double click and hover)
- ii. Type into
- iii. Type Secure text

Steps:

1. Create a flowchart activity.
2. Drag and drag a sequence activity from activities panel.
3. Connect the start node to this sequence
4. Drag and drop the double click activity and indicate the folder icon to open it.
5. Drag and drop another double click activity and indicate the Login page to open it in browser.
6. Drag and drop type into activity and indicate the text area of username in the page and pass the value in double quotes.

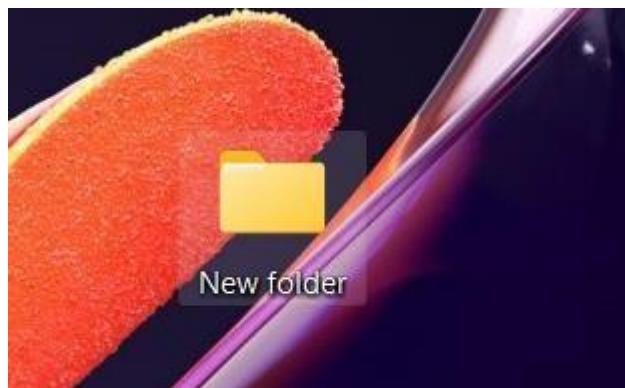


1. Drag and drop the type secure text activity.
2. Create a variable pwd with data type as SecureString and provide the value using Net package and convert it into SecureString and pass this value in SecureText of the input of type secure text.
3. Drag and drop the hover button to point at Submit button.
4. Drag and drop another click button and indicate it on the submit button.



Name	Variable type	Scope	Default
pwd	SecureString	Sequence	new System.Net.NetworkCredential("", "prerana").SecurePassword
<i>Create Variable</i>			

Output:



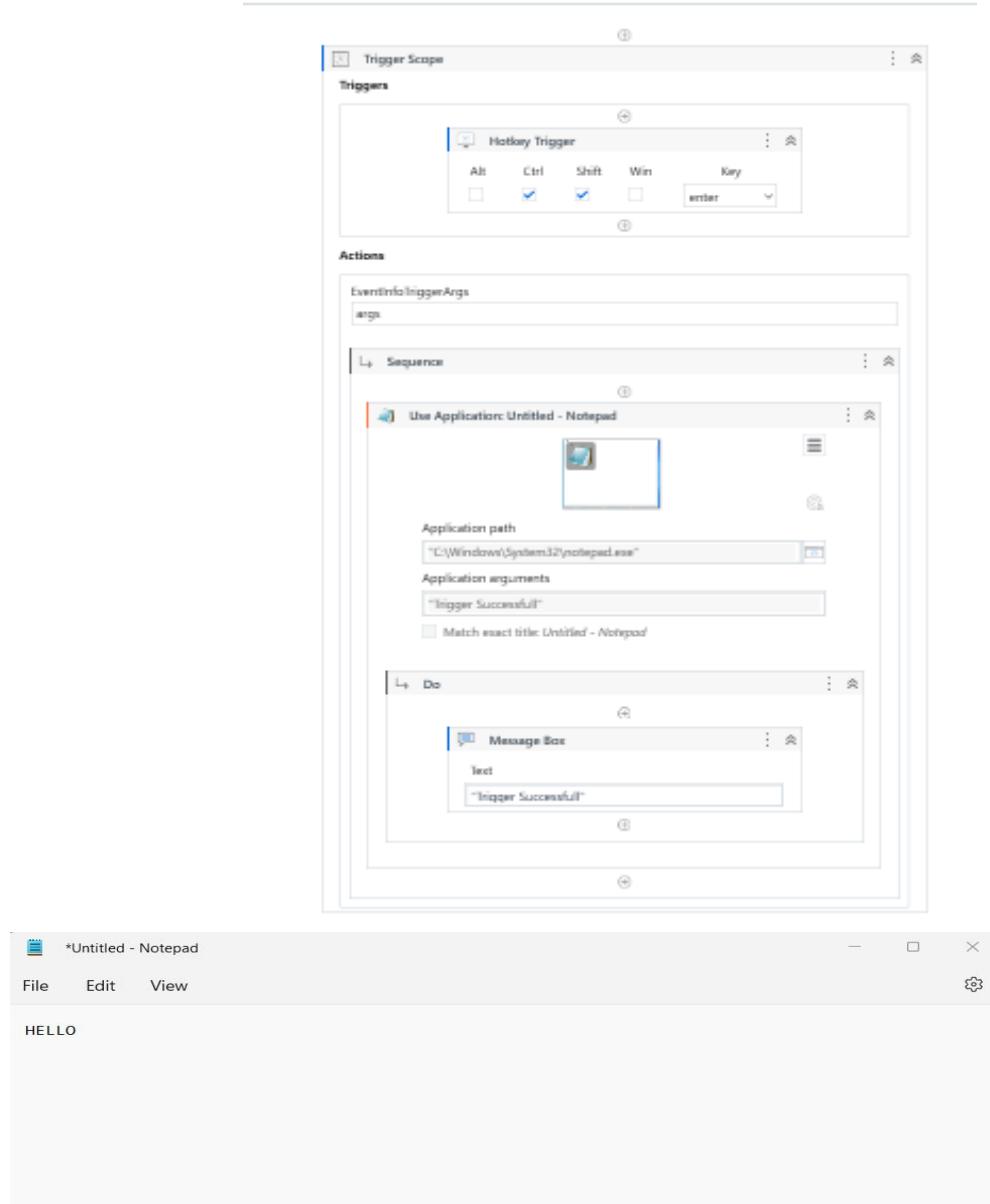
A screenshot of a web browser window titled "Login.html". The address bar shows the file path: "File | C:/Users/Prerana%20P%20Byahatti/Desktop/New%20folder/Login.html". A message at the top says "'UiPath Web Automation 22.10' started debugging this browser" with a "Cancel" button. The form contains a "Username" field with "Prerana" typed in and a "Password" field with "prerana" typed in. A "Submit" button is visible.

A screenshot of a web browser window titled "Confirm page.html". The address bar shows the file path: "File | C:/Users/Prerana%20P%20Byahatti/Desktop/New%20folder/Confirm%20page.html". A message at the top says "'UiPath Web Automation 22.10' started debugging this browser" with a "Cancel" button. The main content area displays the text "Successfully added!".

B. Demonstrate the following events in UiPath:

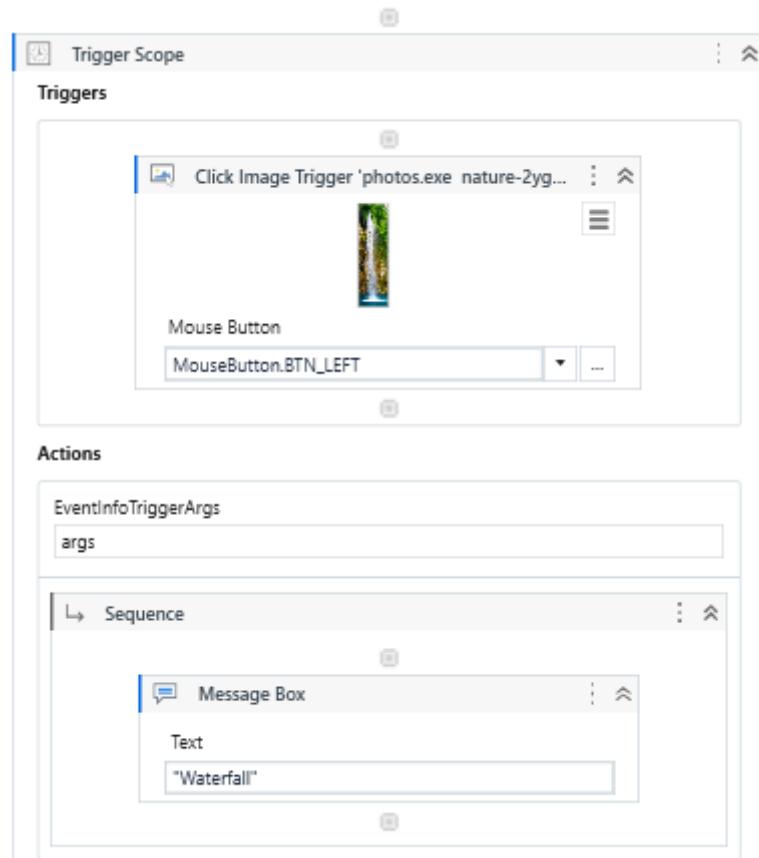
- i. Element triggering event
- ii. Image triggering event
- iii. System Triggering Event

1. Open UiPath Studio and click on Blank to start a fresh project. Give it a meaningful name. Like Pratical6b.
2. Open Main.xaml from Project tab. On the Designer panel, double click a flowchart activity from the Activities panel.
3. Create a sequence and set it as Start node.
4. Drag and drop a trigger scope activity and in triggers add click trigger – indicate an untitled notepad and specify the mouse button.
5. In actions section's sequence add a type into activity - indicate an untitled notepad and add some text.

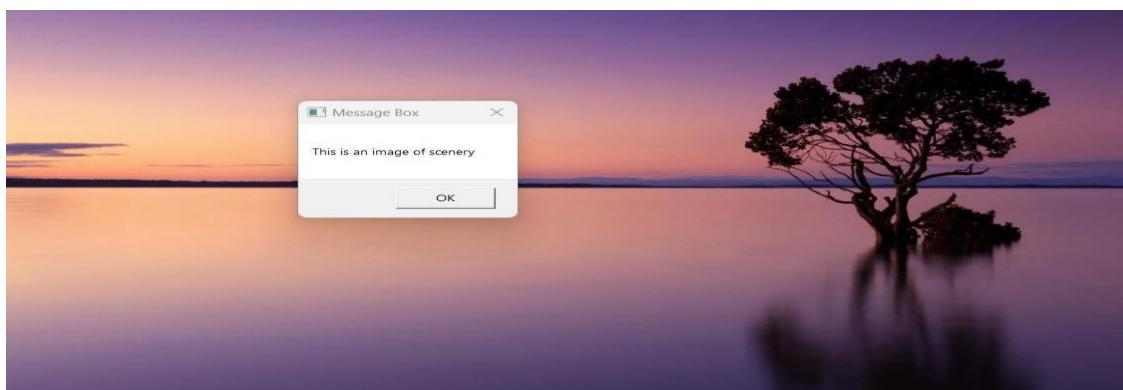


ii) Image triggering event

1. Create another sequence and set this as Start node.
2. Drag and drop a trigger scope activity and in triggers section add click image trigger – indicate a region of image and specify mouse button.
3. In action's sequence section add a message box and enter some text to display.

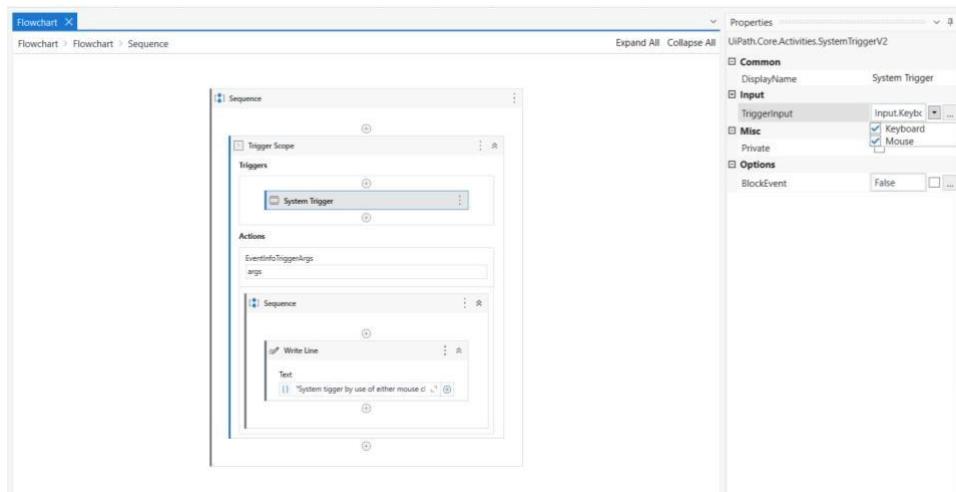


Output:

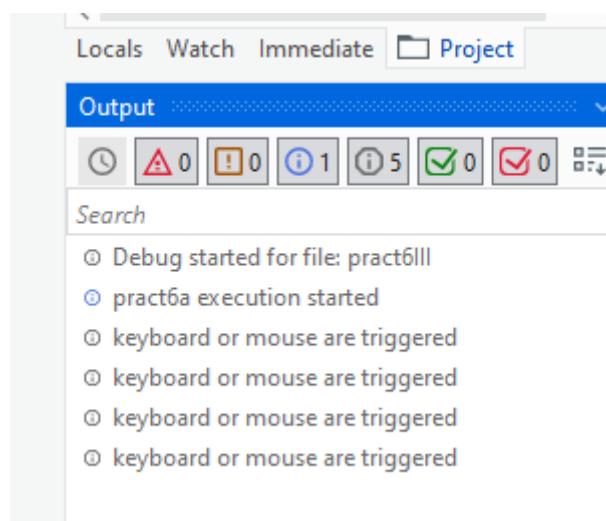


iii) System Triggering Event.

1. Create another sequence and set this as Start node.
2. Drag and drop a trigger scope activity and in triggers section add system trigger – check both keyboard and mouse from its properties panel.
3. In action's sequence section add a Write Line activity and enter some text to display.



Output:

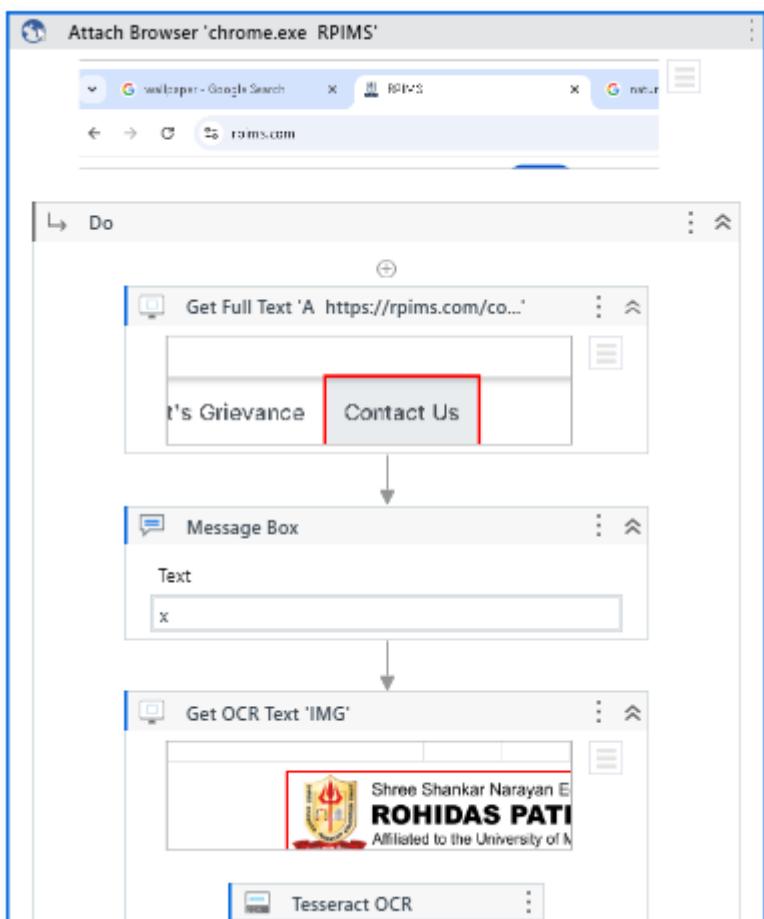


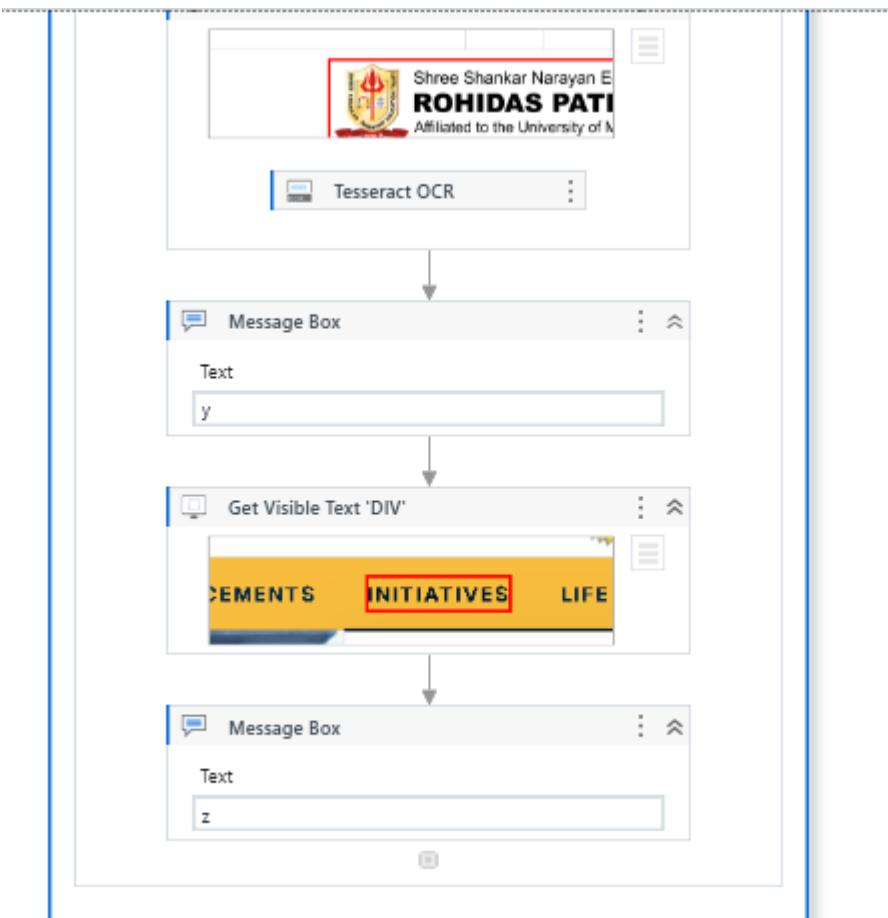
Practical No. 7

Automate the following screen scraping methods using UIPath

- a. Full Text
- b. Native
- c. OCR

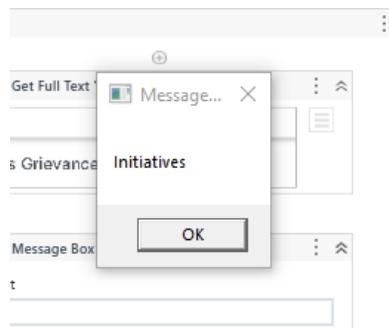
1. Open UiPath Studio and click on Blank to start a fresh project. Give it a meaningful name. Like Pratical.
2. Open Main.xaml from Project tab. On the Designer panel, double click a flowchart activity from the Activities panel.
3. Click on Screen Scraping option from design tab and specify the region from which we need to extract the information.
4. Specify scraping methods as full text and click on finish.
5. Repeat step 3 and 4 by changing methods as Native and OCR.



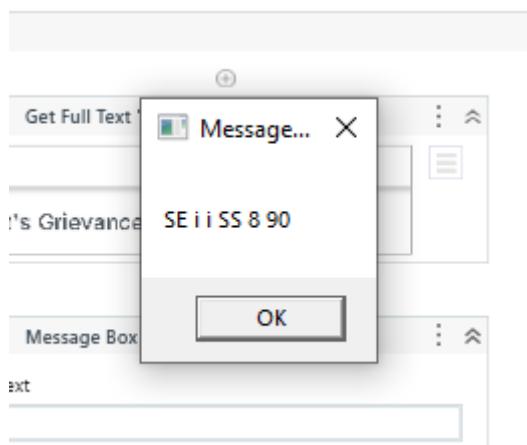


Output:

Native text:



OCR text:



Full text:

