

**PRACTICAL REPORT
ON
ROBOTIC PROCESS AUTOMATION**

SUBMITTED BY:

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ROLL NO: 60

SUBMITTED TO:

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**CONDUCTED AT:
CHIKITSAK SAMUHA'S**

**S. S. & L.S. PATKAR COLLEGE OF ARTS & SCIENCE AND
V. P. VARDE COLLEGE OF COMMERCE &
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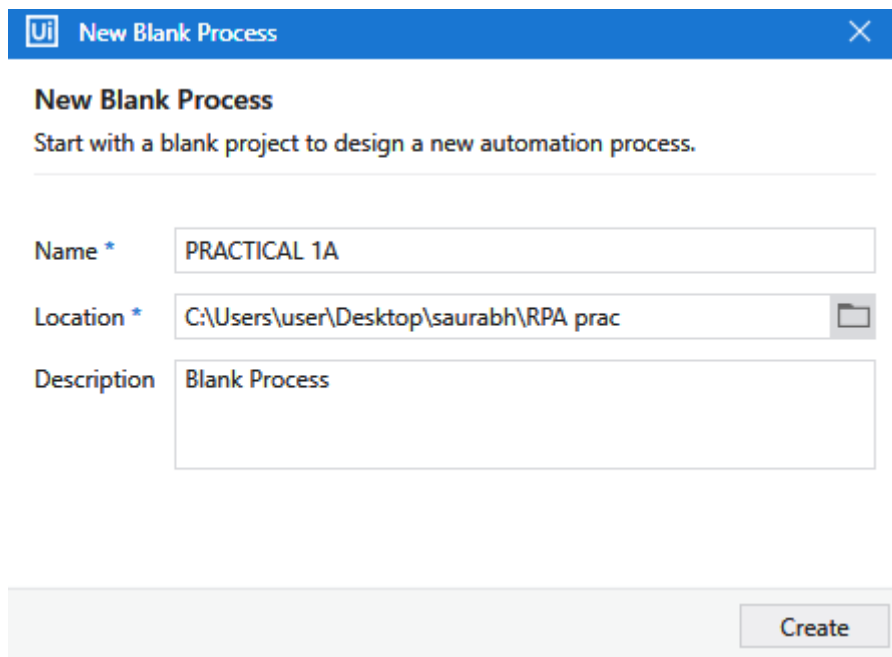
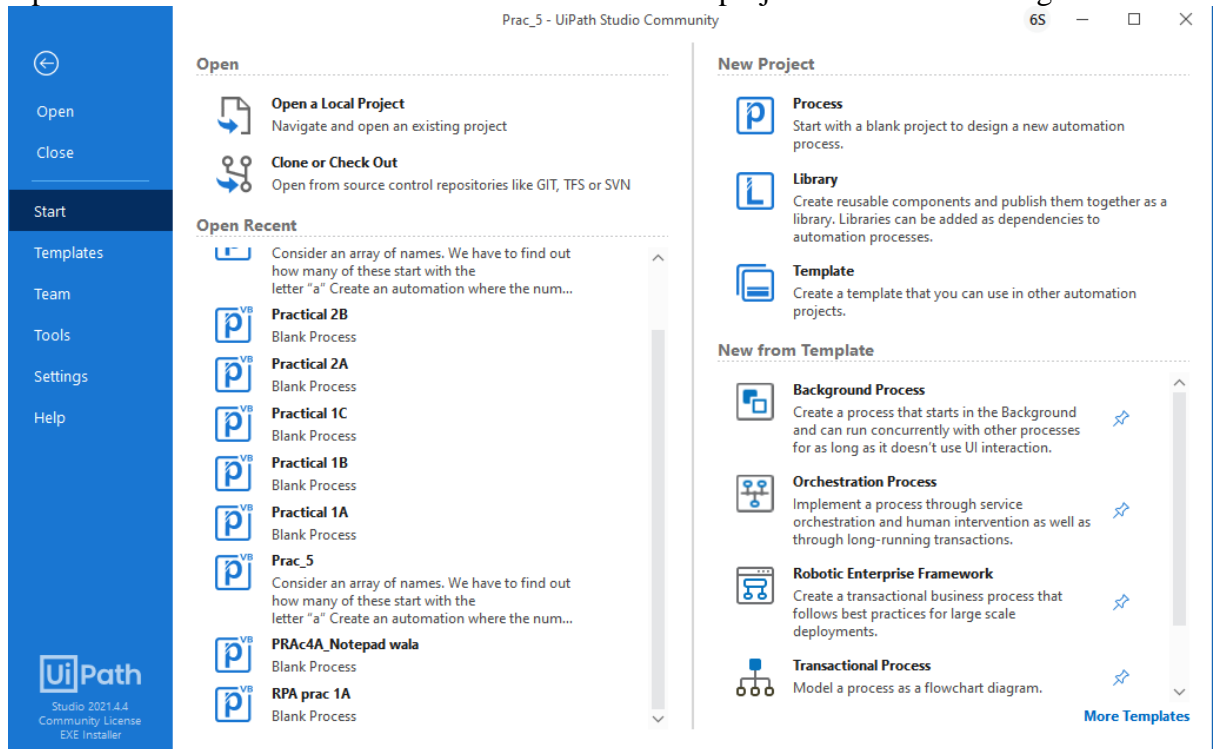
Practical no 1

1 A) Create a simple sequence-based project.

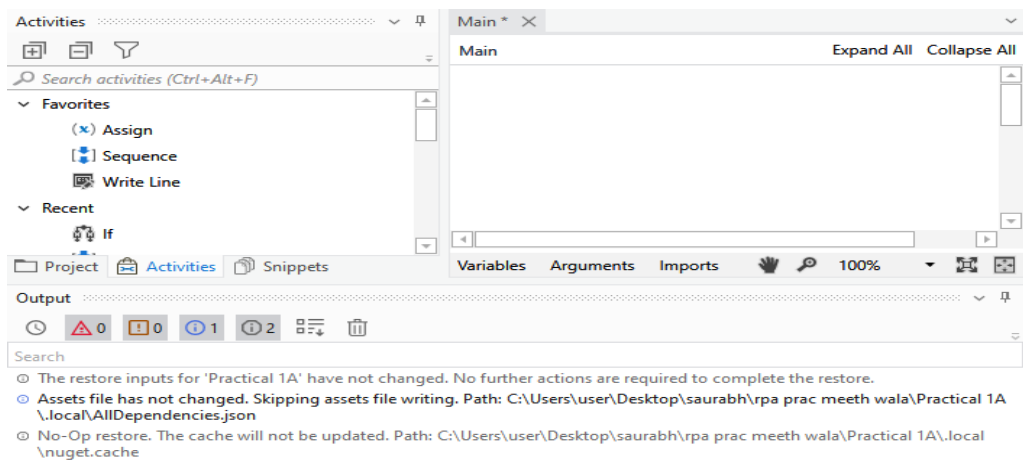
Aim: Use two input dialogs for First Name and Last Name store in a variable and show in Message Box.

Steps:

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



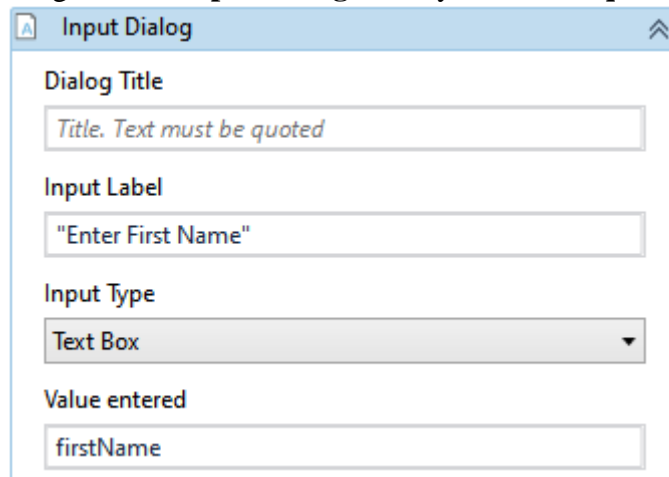
2. On the Designer panel, drag and drop a **Sequence** activity from the **Activities** panel.



3. Search for **Input dialog** in the Search panel of the **Activities** panel. Drag and drop the **Input dialog** activity inside the **Sequence**.

Write the appropriate message on the **Label** of this **Input dialog** to ask for the user's name. In our case, we have put in “Enter First Name”

4. Drag another **Input dialog** activity into the **Sequence**.



Write the Label as “Enter Last Name”

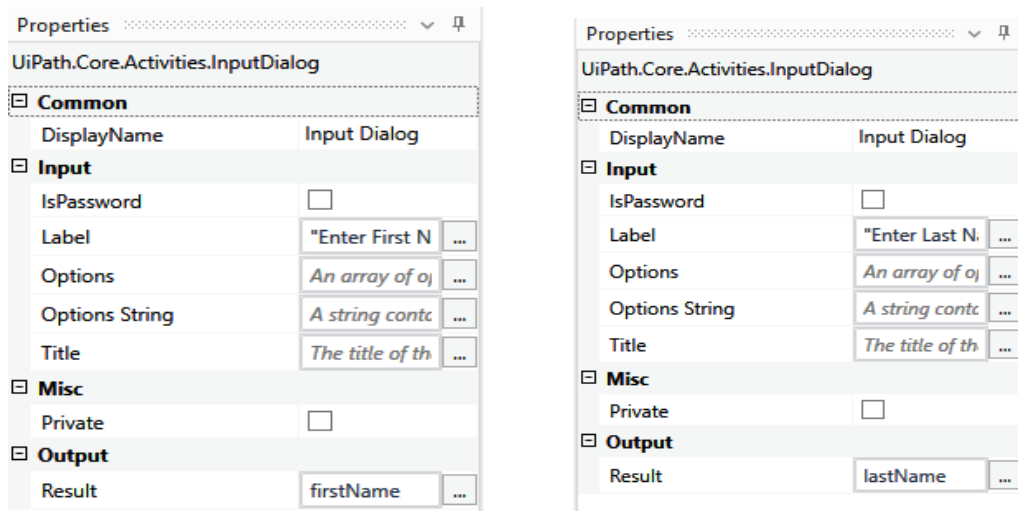
5. Drag and drop a **Message box** activity into the **Sequence**.



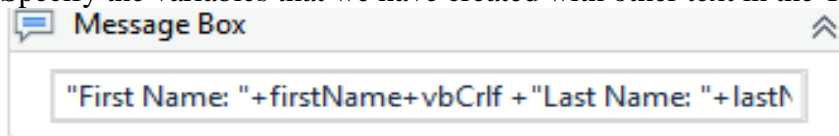
6. Next, create two **variables** and give them the desired names. These variables will receive the text that the user has entered in the **Input dialog** boxes.

Name	Variable type	Scope	Default
firstName	String	Saurabh Yadav_prac_1A	Enter a VB expression
lastName	String	Saurabh Yadav_prac_1A	Enter a VB expression
Create Variable			

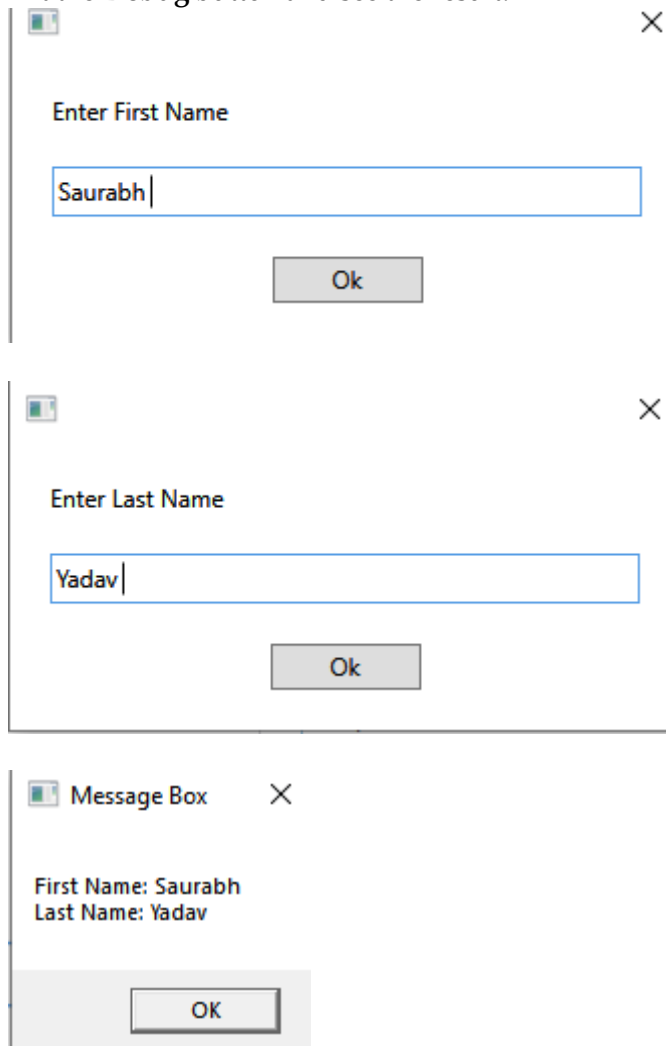
7. We now have to specify the **Result** property (in the **Properties** panel) of the **Input dialog** box. On specifying the variable name there, it will receive the text that the user entered.



8. Specify the variables that we have created with other text in the Text area of the **Message box**.



9. Hit the **Debug** button and see the result.

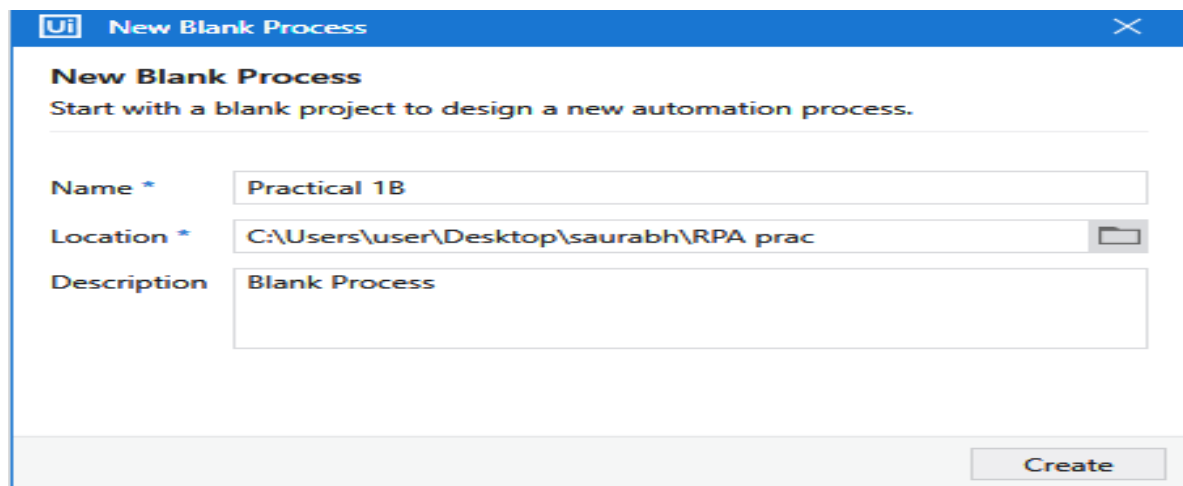
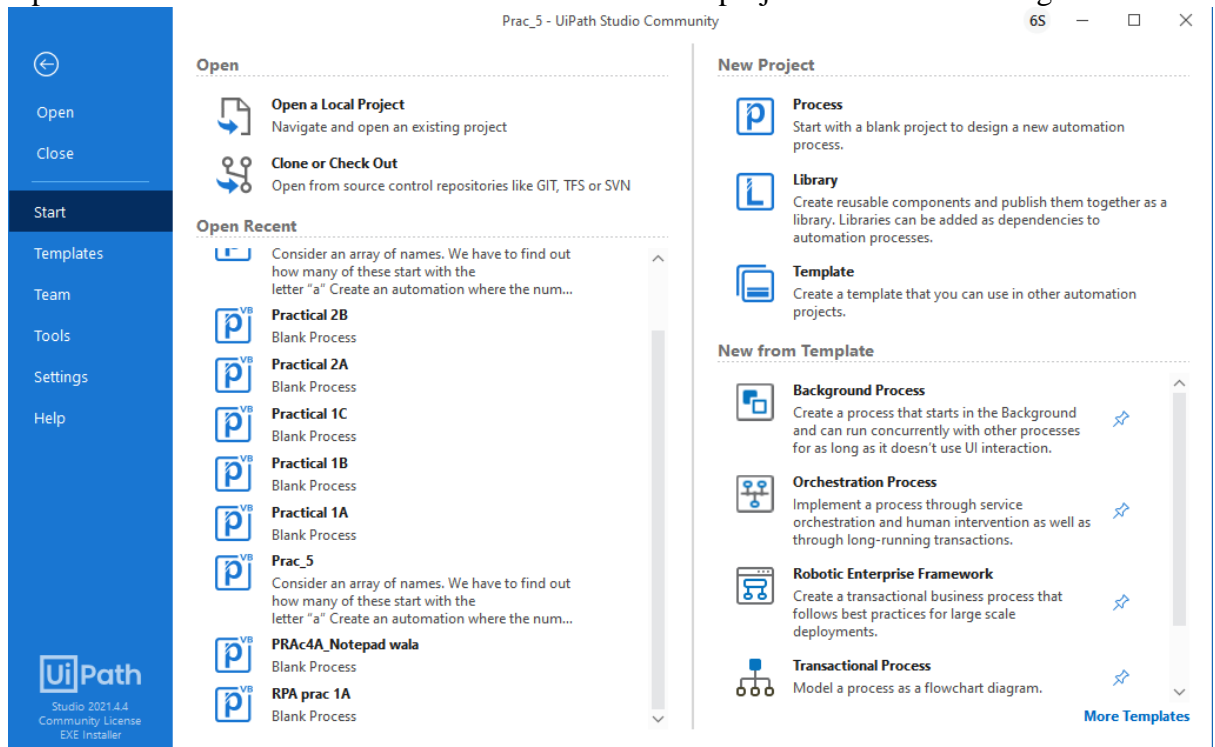


1 B) Create a simple flowchart-based project.

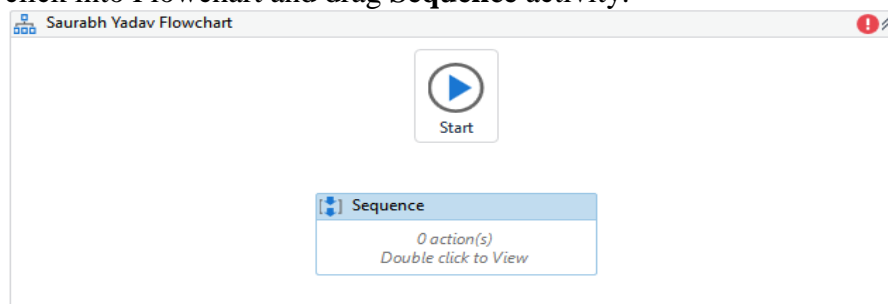
Aim: Use two input dialogs for First Name and Last Name store in a variable and show in Message Box.

Steps:

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



2. On the Designer panel, drag and drop a **Flowchart** activity from the **Activities** panel. Double click into Flowchart and drag **Sequence** activity.



- Search for **Input dialog** in the Search panel of the **Activities** panel. Drag and drop the **Input dialog** activity inside the **Sequence**.

Input Dialog

Dialog Title
Title. Text must be quoted

Input Label
"Enter First Name"

Input Type
Text Box

Value entered
firstName

Write the appropriate message on the **Label** of this **Input dialog** to ask for the user's name. In our case, we have put in "Enter First Name"

- Drag another **Input dialog** activity into the **Sequence**.

Input Dialog

Dialog Title
Title. Text must be quoted

Input Label
"Enter Last Name"

Input Type
Text Box

Value entered
lastName

Write the Label as "Enter Last Name"

- Drag and drop a **Message box** activity into the **Sequence**.

Message Box

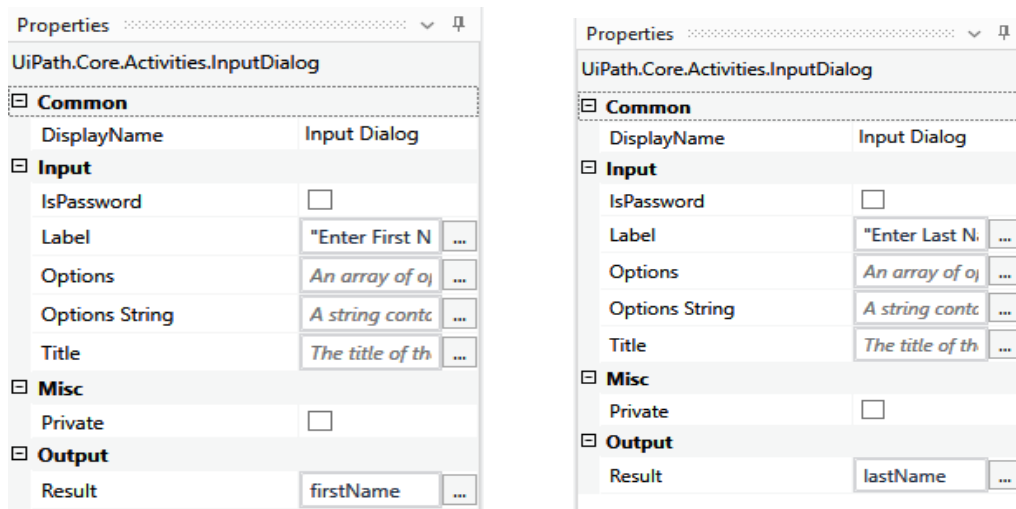
Text must be quoted

- Next, create two **variables** and give them the desired names. These variables will receive the text that the user has entered in the **Input dialog** boxes.

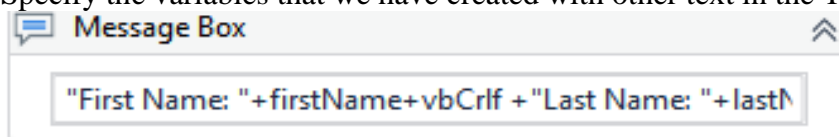
Name	Variable type	Scope	Default
firstName	String	Sequence	Enter a VB expression
lastName	String	Sequence	Enter a VB expression

Create Variable

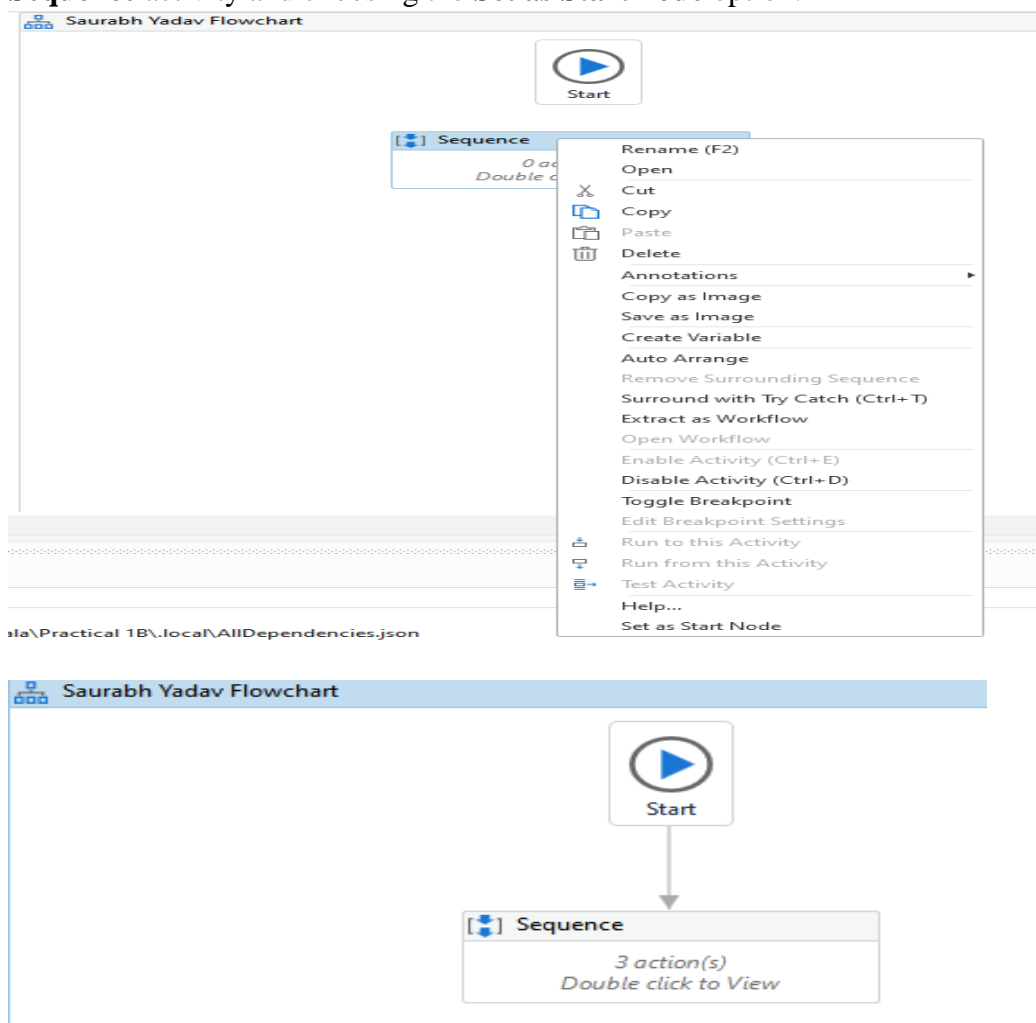
- We now have to specify the **Result** property (in the **Properties** panel) of the **Input dialog** box. On specifying the variable name there, it will receive the text that the user entered.



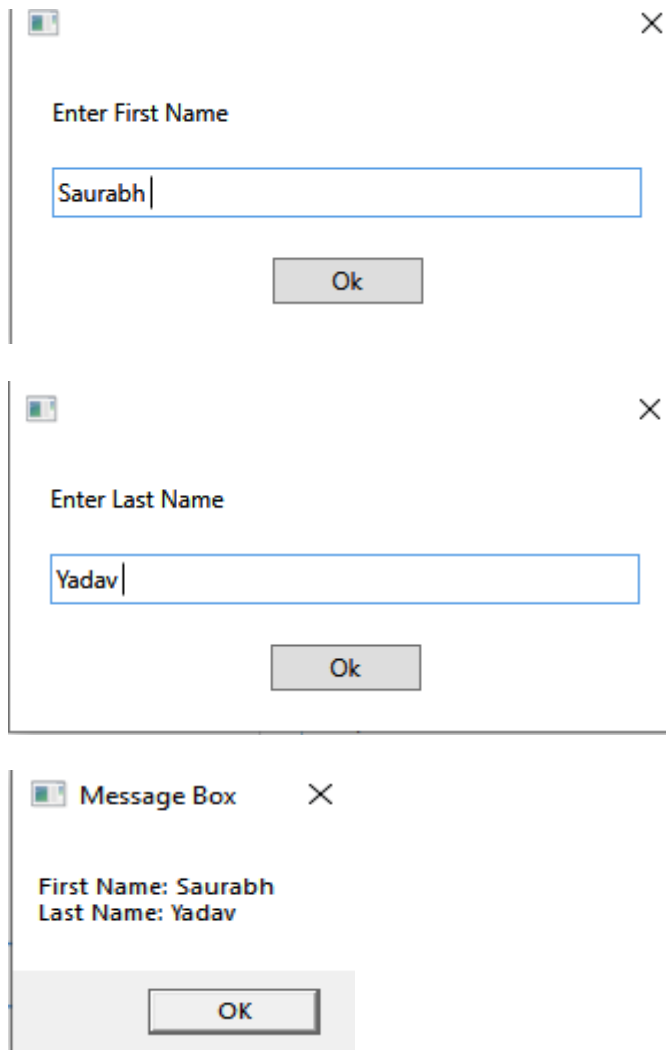
8. Specify the variables that we have created with other text in the Text area of the **Message box**.



9. We need to connect the **Sequence** to the **Start** icon. This can be done by right-clicking on the **Sequence** activity and choosing the **Set as Start node** option.



10. Hit the **Debug** button and see the result.

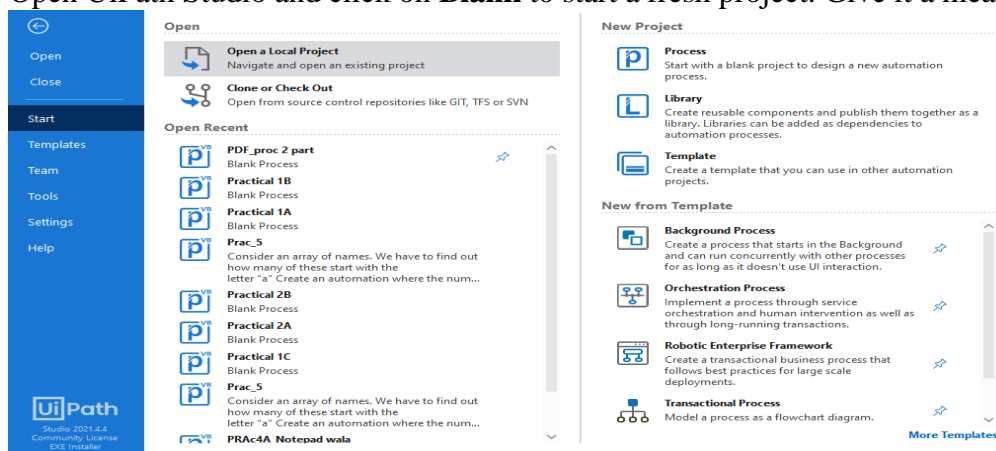


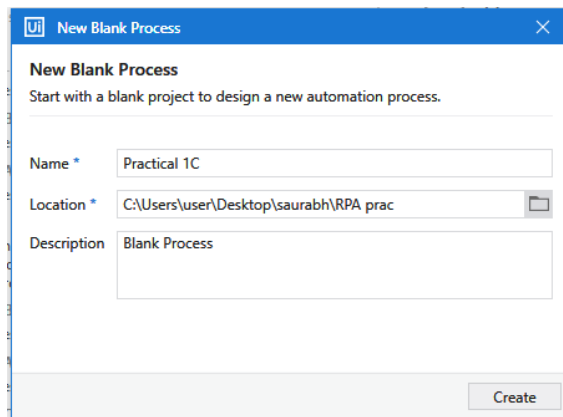
1 C) Create an UiPath Robot which can empty recycle bin in Gmail solely on basis of recording.

Aim: Use Web Recorder to empty trash in gmail.

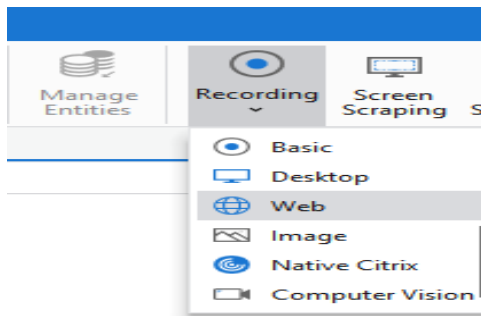
Steps:

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

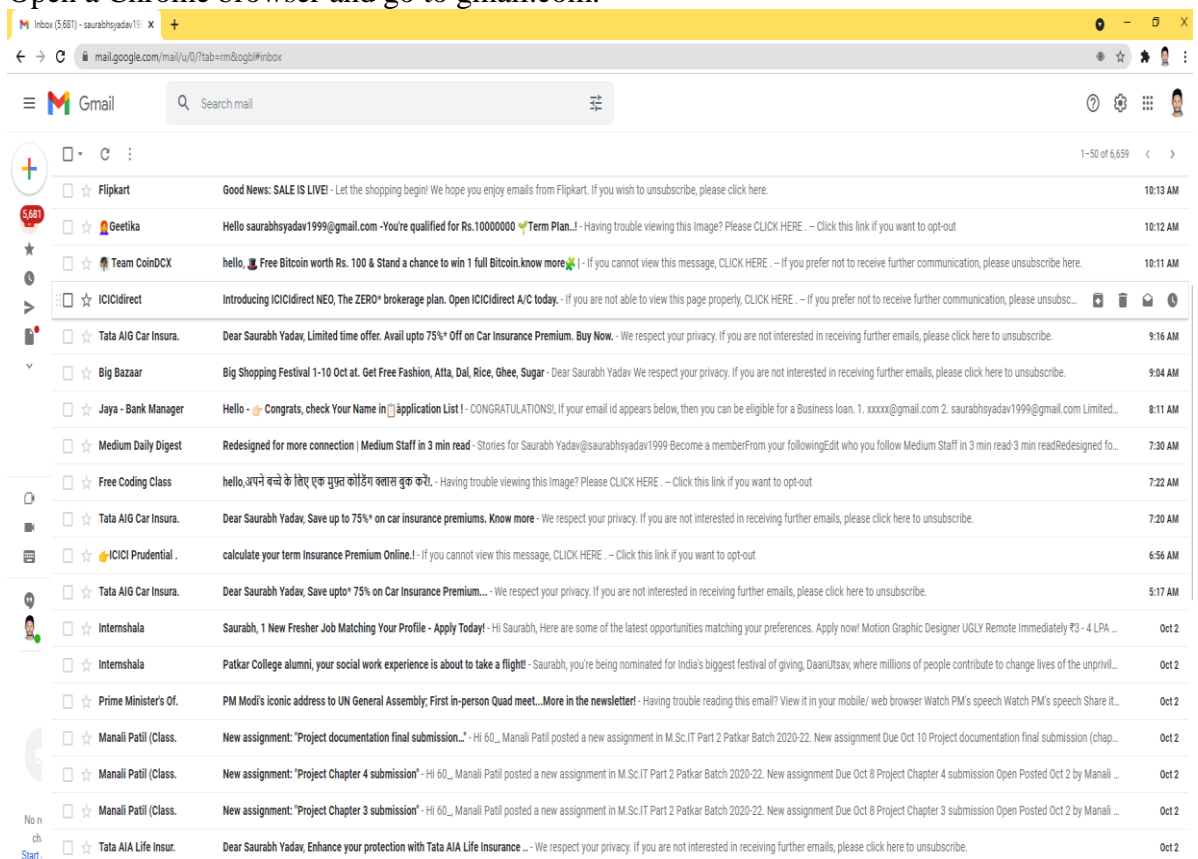




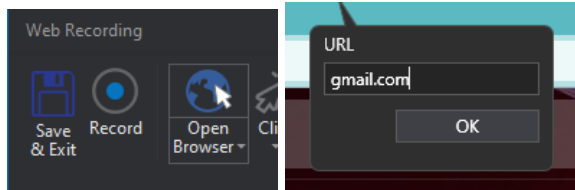
2. Choose Web recorder from the Recording drop-down list:



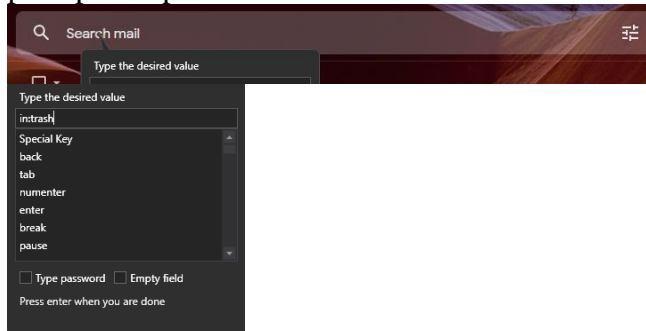
3. Open a Chrome browser and go to gmail.com.



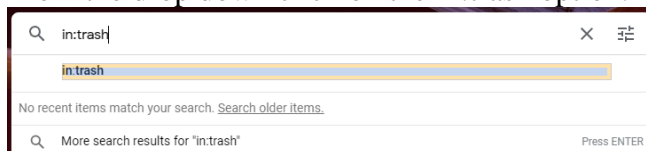
4. On the web recording panel click on “Open Browser” option and select the chrome window. In the url prompt type gmail.com.



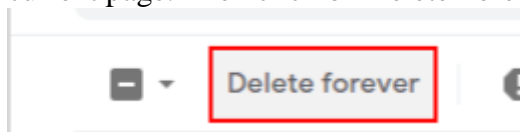
5. Now start the recording and click into the search bar of Gmail. Type “in: trash” in the type into prompt and press enter.



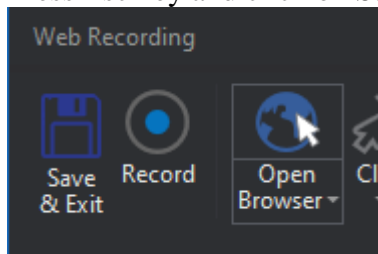
6. From the drop down click on the in:trash option.



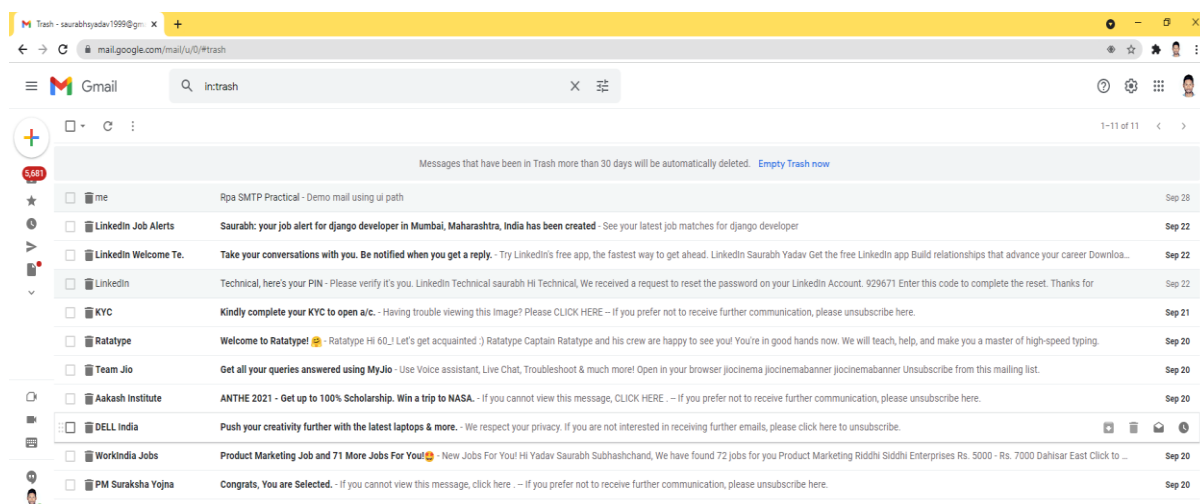
7. Once in the trash section of Gmail. Click on the checkbox button to select all the mail of the current page. Then click on Delete Forever button that appears.



8. Press Esc key and click on Save and Exit option in the web recording panel.



9. Now Run the program by clicking on Debug and see the output.

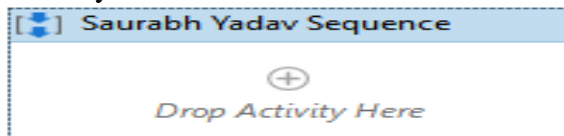


Practical no 2**2 A) Automate UiPath Number Calculation (Addition, Subtraction, Multiplication, Division of numbers).**

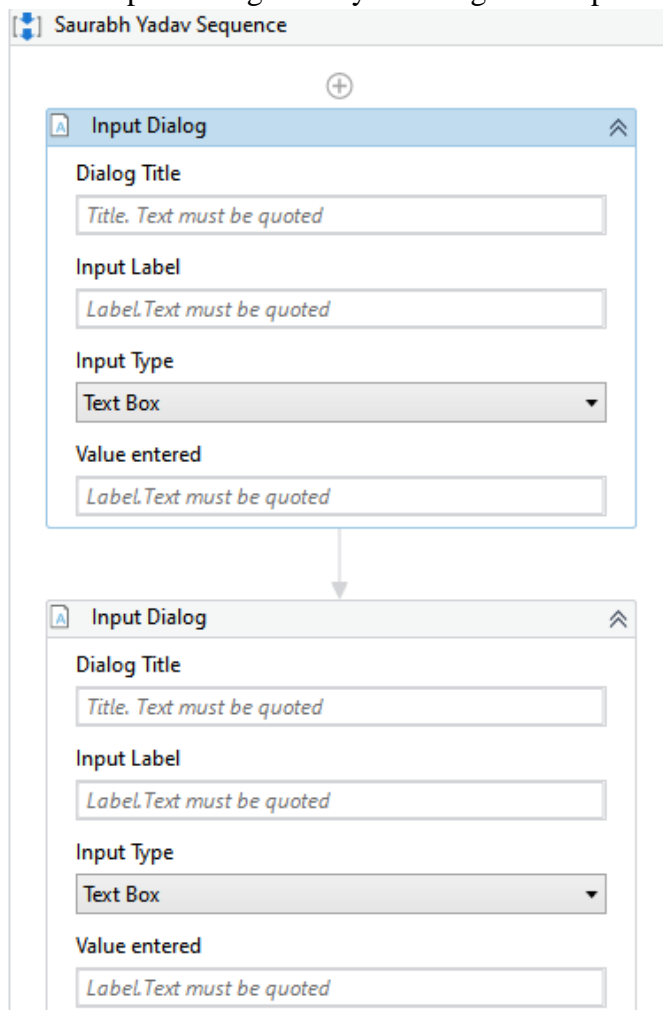
Aim: Use two Input dialogs for Numbers and do following calculations and show in Message Box.

Steps:

1. Create a new Blank Project and give it an appropriate name. Drag a Sequence activity from Activity tab.



2. Search Input Dialog activity and drag and drop the activity twice.



Give the first input dialog label as “Enter first number”.

Input Dialog

Dialog Title
Title. Text must be quoted

Input Label
"Enter first number"

Input Type
Text Box

Value entered
firstNum

Give the second dialog label as "Enter second number".

Input Dialog

Dialog Title
Title. Text must be quoted

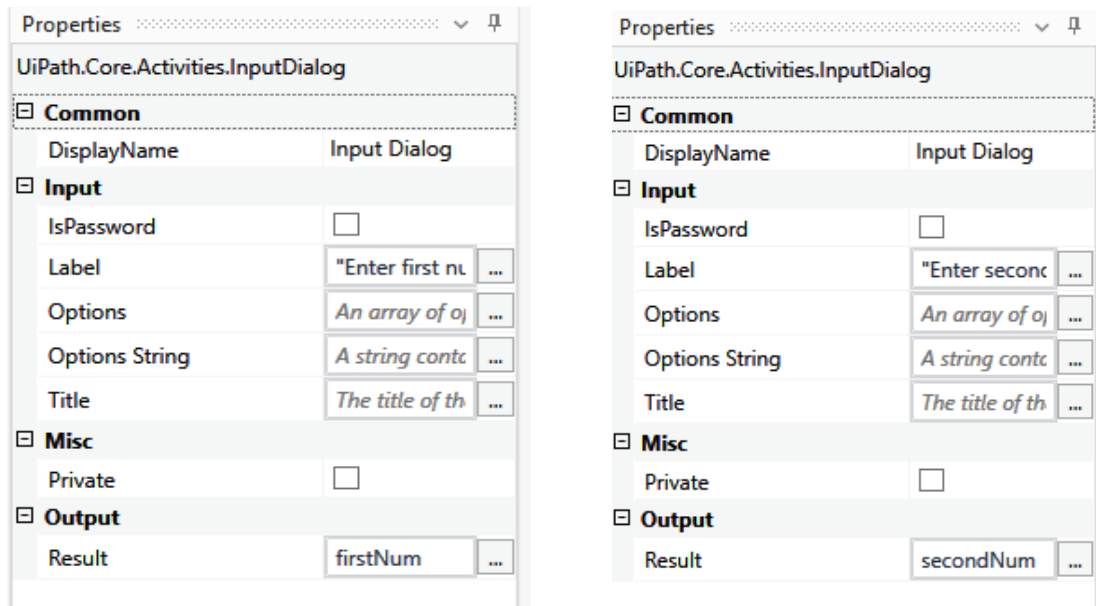
Input Label
"Enter second number"

Input Type
Text Box

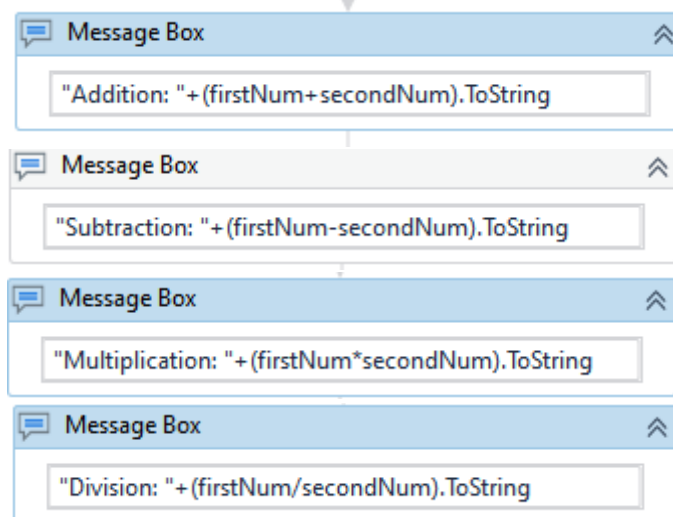
Value entered
secondNum

3. Create the variables to store both inputs, then enter the variables in the input dialog Result attributes.

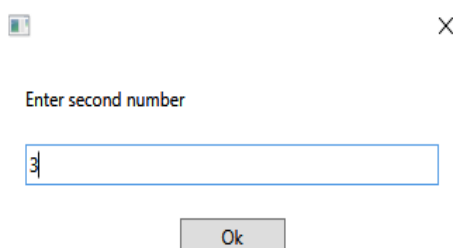
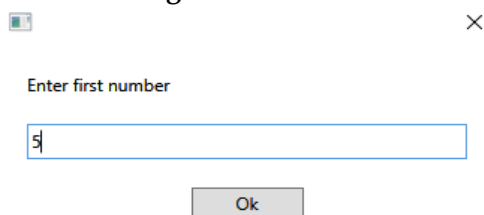
Name	Variable type	Scope	Default
firstNum	Int32	Saurabh Yadav Sequence	Enter a VB expression
secondNum	Int32	Saurabh Yadav Sequence	Enter a VB expression
Create Variable			

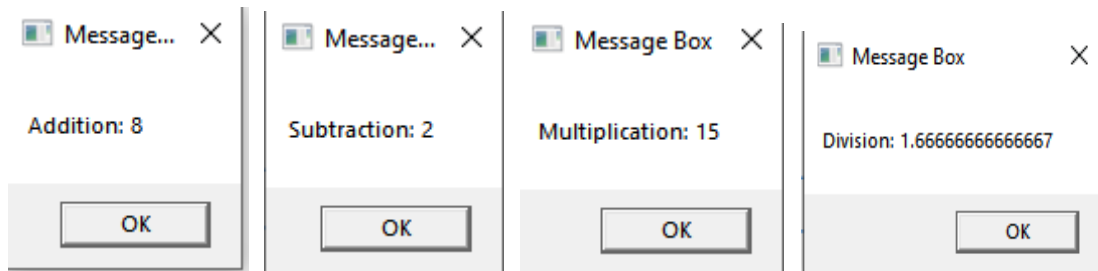


4. Drag and drop message box four times and perform the addition, subtraction, multiplication and division operation in each of the message boxes.



5. Hit the **Debug** button and see the result



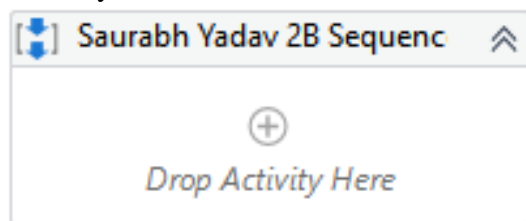


2 B) Create an automation UiPath project using different types of variables (number, datetime, Boolean, generic, array, data table)

Aim: Create Different type of variable and provide default value and show in Message Box.

Steps:

1. Create a new Blank Project and give it an appropriate name. Drag a Sequence activity from Activity tab.

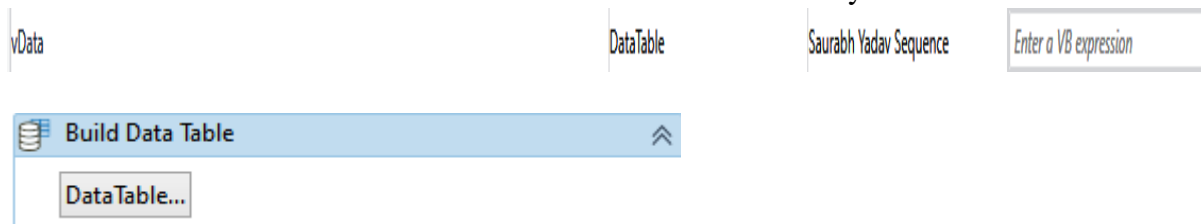


2. Create number(Int32), datetime, Boolean, string, generic, array variables and assign them default value.

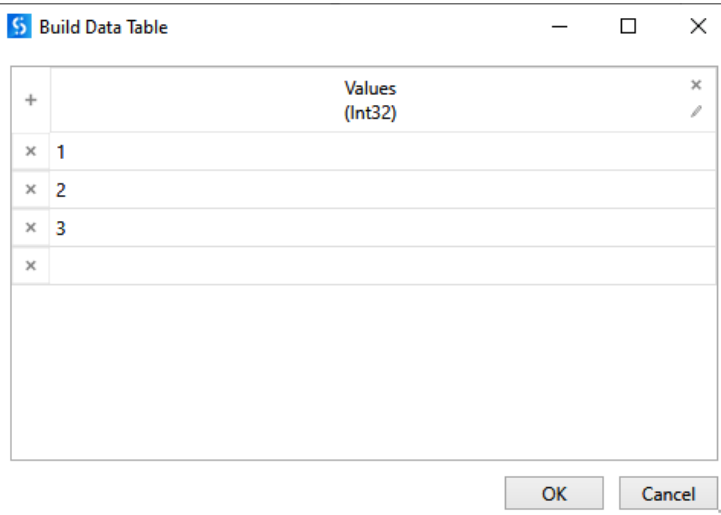
Name	Variable type	Scope	Default
vInt	Int32	Saurabh Yadav Sequence	7
vBool	Boolean	Saurabh Yadav Sequence	True
vArray	Int32[]	Saurabh Yadav Sequence	{1,2,3}
vTime	DateTime	Saurabh Yadav Sequence	10/04/2021 07:00:00
vGen	GenericValue	Saurabh Yadav Sequence	"Hello Saurabh"
vData	DataTable	Saurabh Yadav Sequence	Enter a VB expression

Create Variable

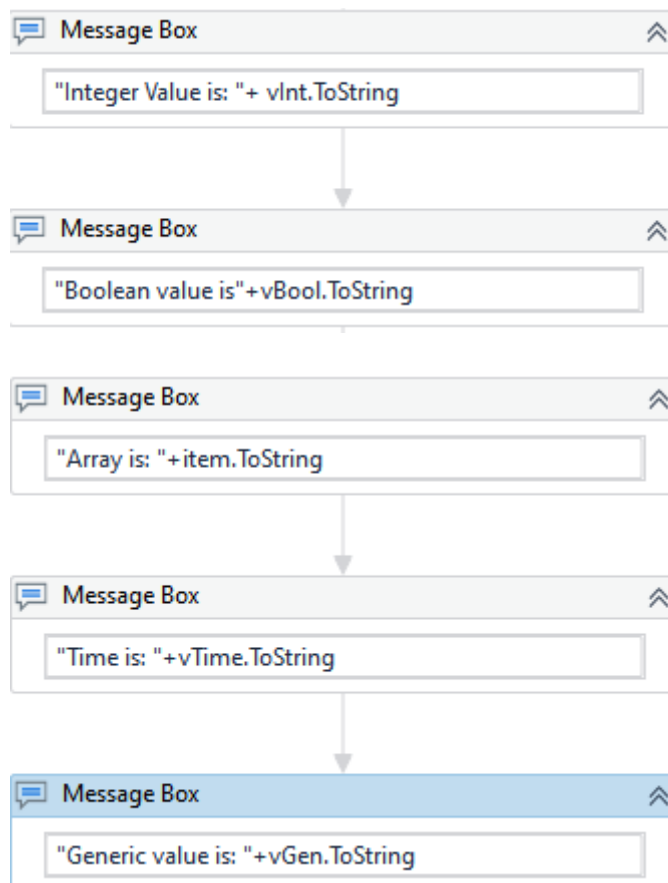
3. Create a datatable variable and add a build dataTable activity.



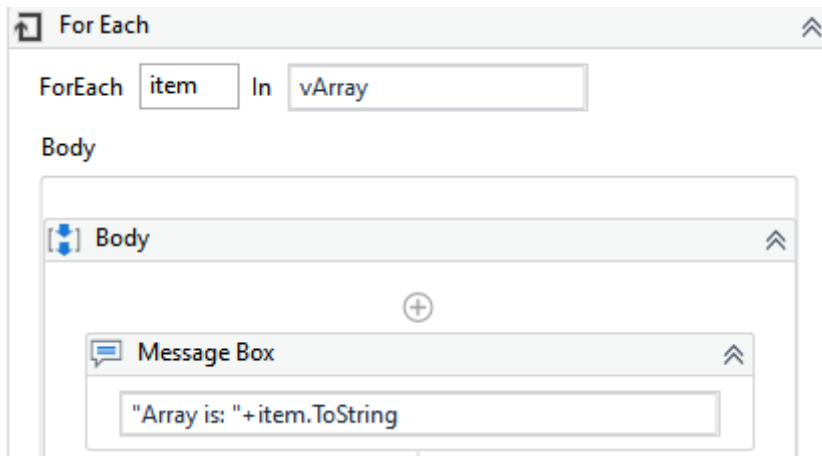
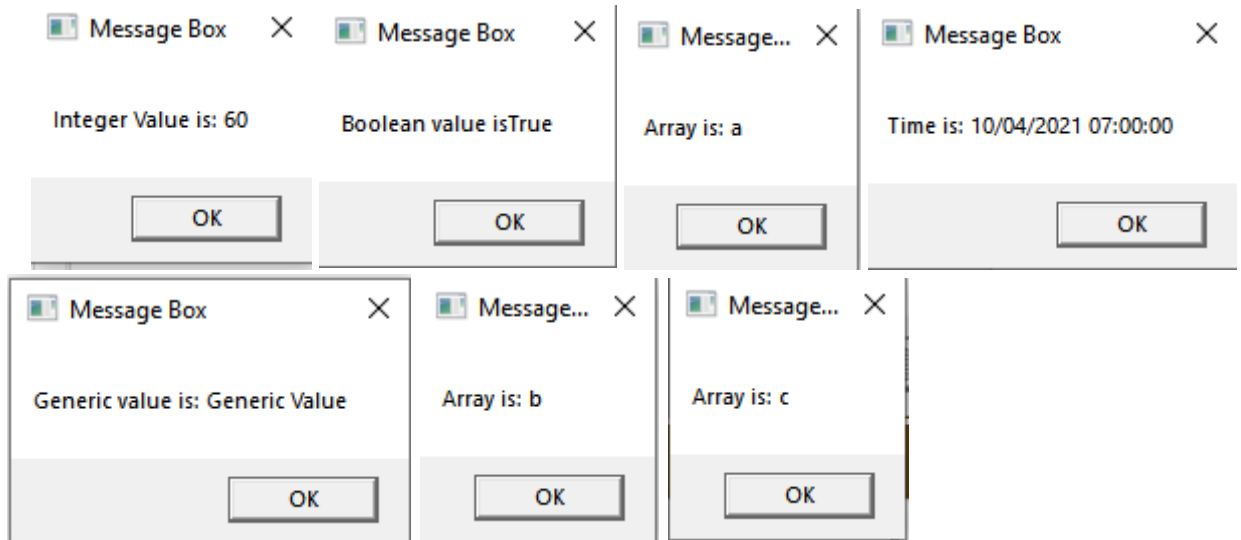
4. Create the values of data table.



5. Add message box to show the number, datetime, Boolean, string, and generic variable.



6. Add for each activity and message box to show values of array variable.

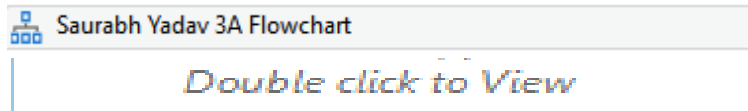
**Output:**

Practical no 3**3 A) Create an automation UiPath Project using decision statements.**

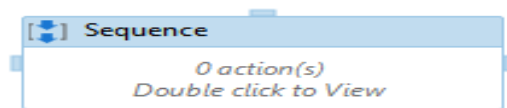
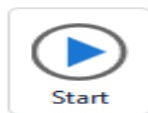
Aim: Use one input dialog for Number, create a process to find provided Number is odd or even using condition (Flow Chart).

Steps:

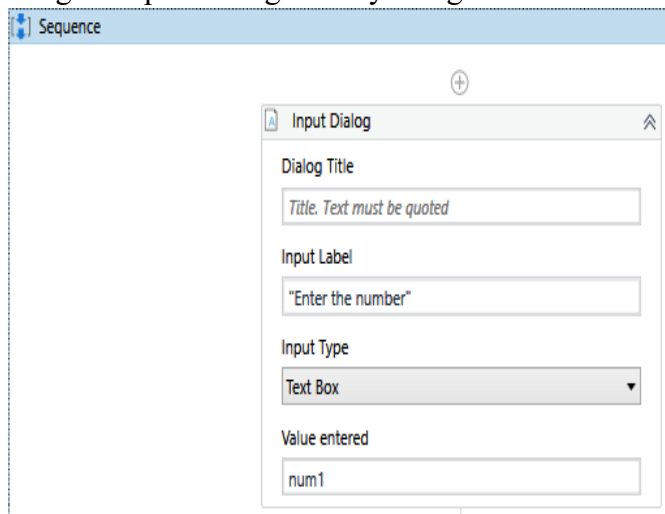
6. Create a new Blank Project and give it an appropriate name. Drag a Flowchart activity from Activity tab.



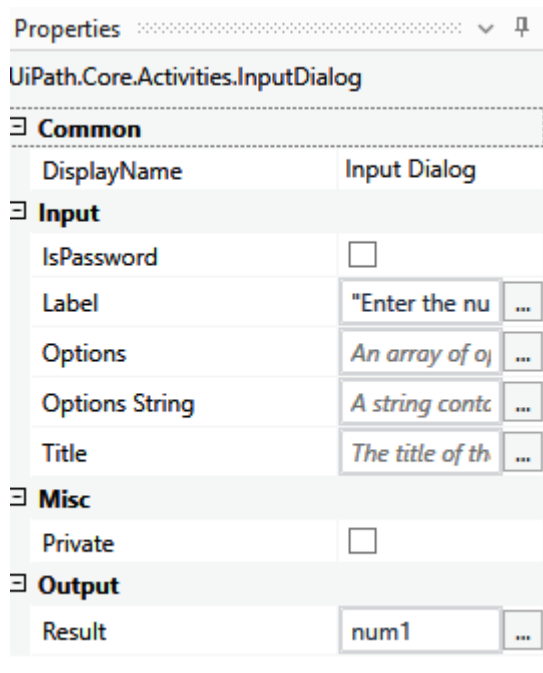
7. Double click on flowchart and drag a sequence activity.



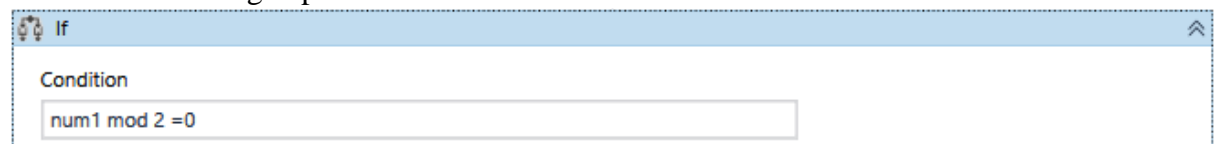
8. Drag an Input Dialog activity and give label “Enter the number”.



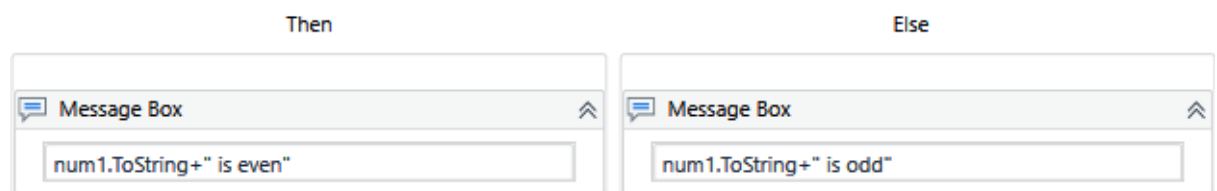
9. Create a variable of Int32 type and enter the variable in result attribute of Input Dialog.



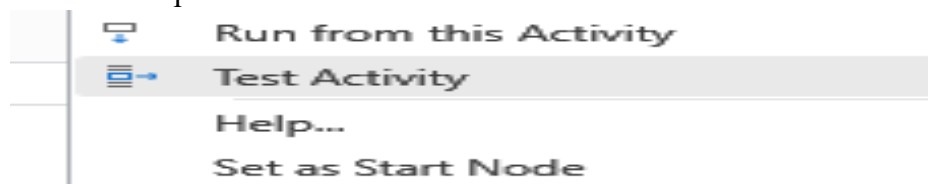
10. Write the following expression in Condition: $\text{num} \bmod 2 = 0$.



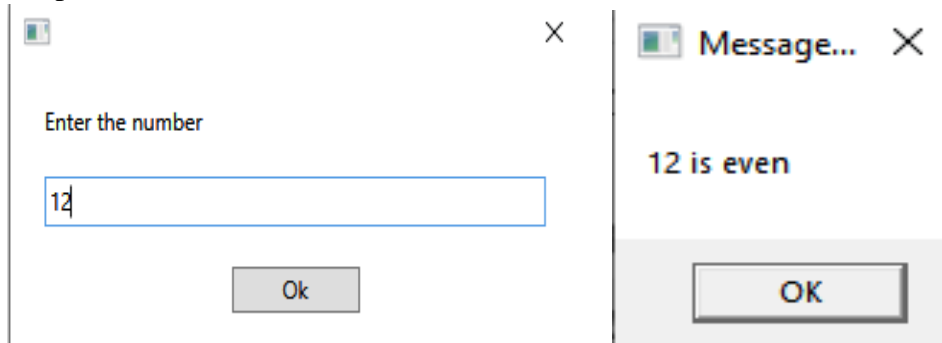
11. In the Message Box in then part write “Number is even” and in the Message Box in else part write “Number is odd”.



12. Connect the sequence to the start node by right clicking on sequence and selecting the “Set as start node” option.

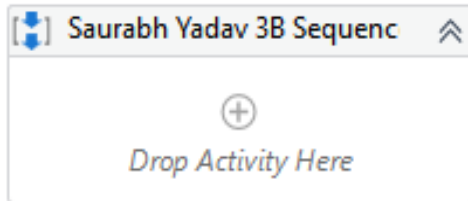


Output:



3 B) Create an automation UiPath Project using looping statements.**Aim:** Create a dummy List of fruits. Loop each and print in Message Box.**Steps:**

1. Create a new Blank Project and give it an appropriate name. Drag a Sequence activity from Activity tab.

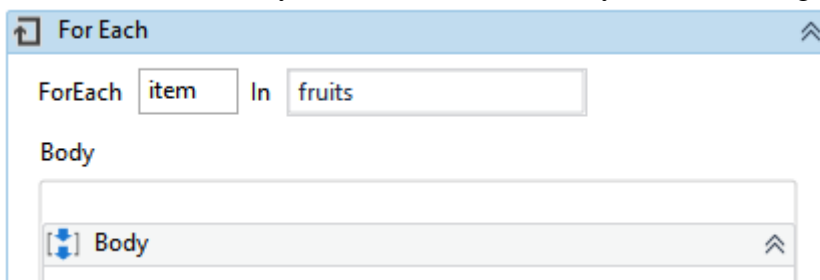


2. Create an Array of String Type named fruits. Give default value as {"Apple", "Mango", "Banana", "Orange", "Watermelon"}.

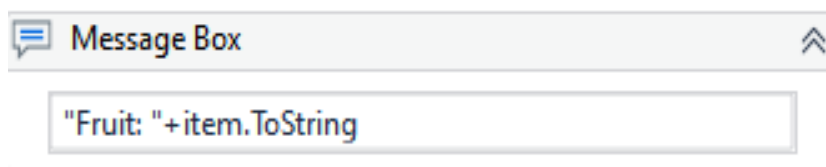
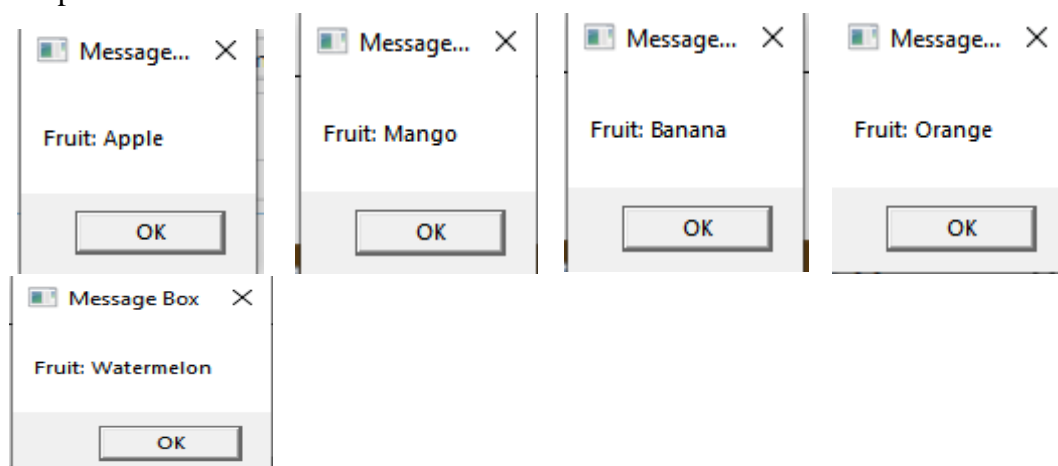
Name	Variable type	Scope	Default
fruits	String[]	Saurabh Yadav 3B Sequence	{"Apple","Mango","Banana","Orange","Watermelon"}

Create Variable

3. Add a for each activity and enter the fruits array as the iterating variable.



4. Add a Message Box and print item.

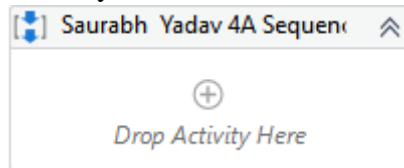
**Output:**

Practical : 4**4 A) Automate any process using basic recording.**

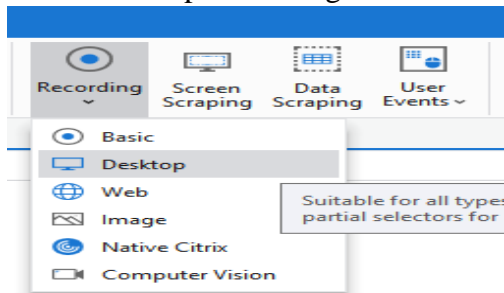
Aim: Automate Existing Notepad using basic Recorder

Steps:

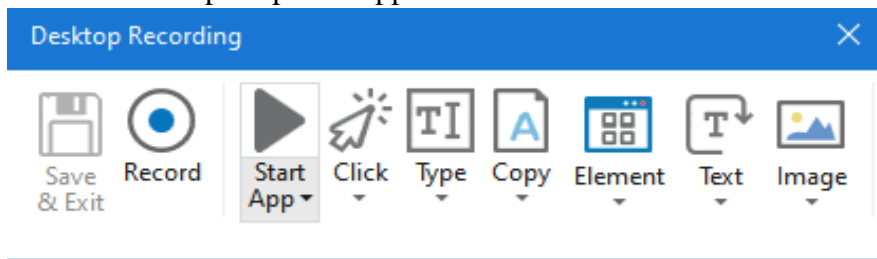
1. Create a new Blank Project and give it an appropriate name. Drag a Sequence activity from Activity tab.



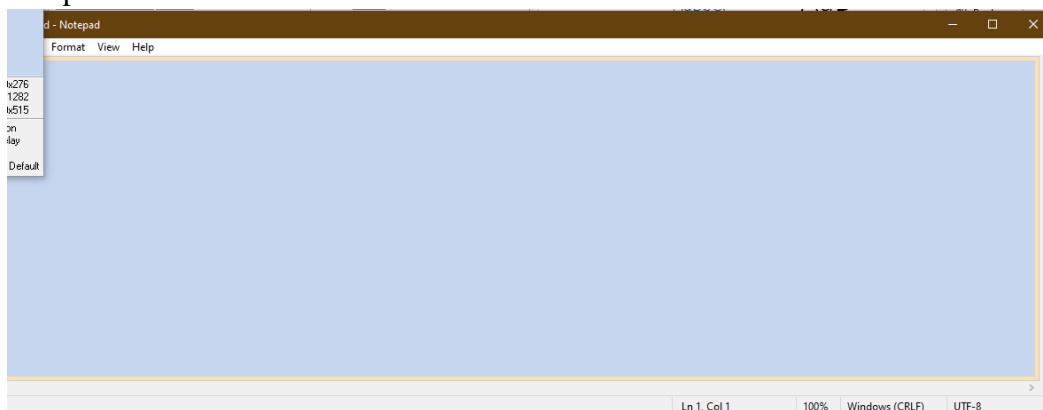
2. Select Desktop Recording under Recording.



3. Open a new notepad, then on desktop recording click on open application and select notepad the click ok on the prompt that appears.

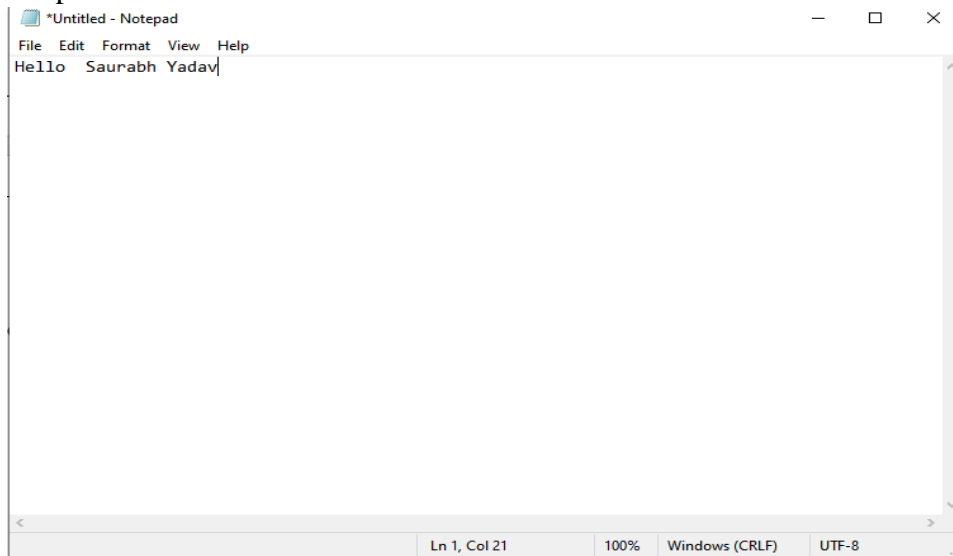


4. Start recording by clicking on record button in recording panel, then click in the text area of notepad.



5. In the type into prompt enter the text you want to be typed.

Output:



4 . B) Automate any process using desktop recording.

Aim: Use "double Ui" and automate stuff (Scrape Text, Input Text, Click Button)

Insert the data from the following excel file.

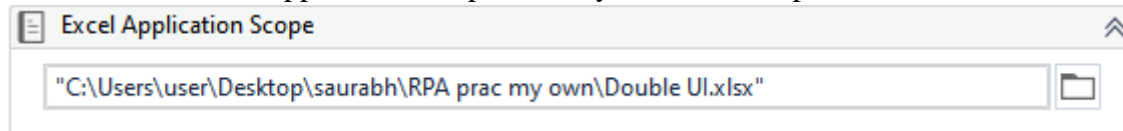
A	B	C	D	E	F	G
Sr no.	Cash In	Check_1	Check_2	Total	Transactio	Status
1	100	200	400			
2	200	300	600			
3	300	400	800			
4	400	500	1000			
5	500	600	1200			
6	600	700	1400			
7	700	800	1600			
8	800	900	1800			

Steps:

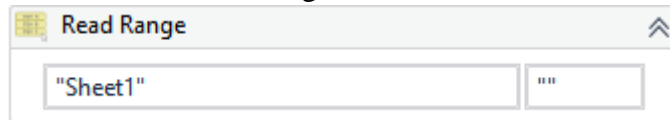
1. Create a new Blank Project and give it an appropriate name. Drag a Sequence activity from Activity tab.



2. Add Excel Application Scope Activity and enter the path of the excel file.

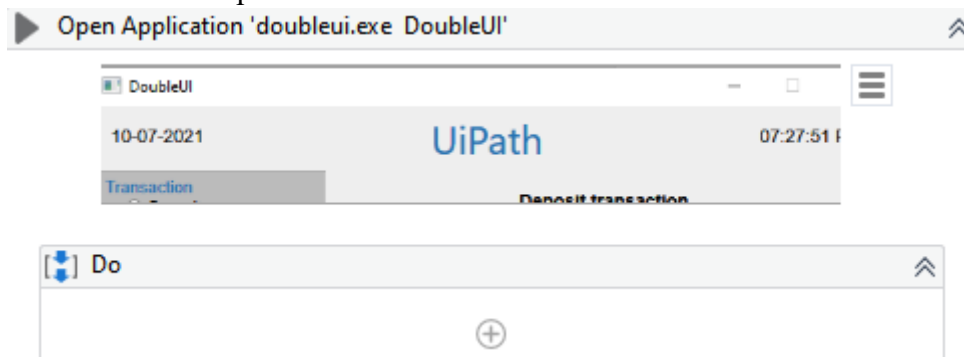


3. Add Read Range and create a DataTable to store the data that will be read by read range.



Name	Variable type	Scope	Default
DoubleUI	DataTable	Saurabh Yadav 4B Sequence	Enter a VB expression
transactionid	String	Saurabh Yadav 4B Sequence	Enter a VB expression
total	String	Saurabh Yadav 4B Sequence	Enter a VB expression

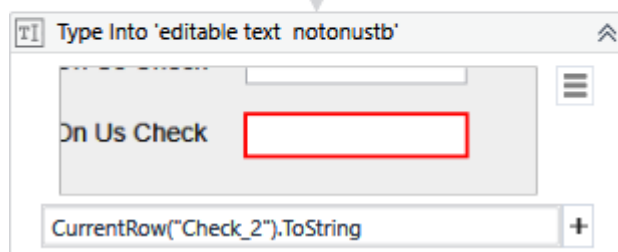
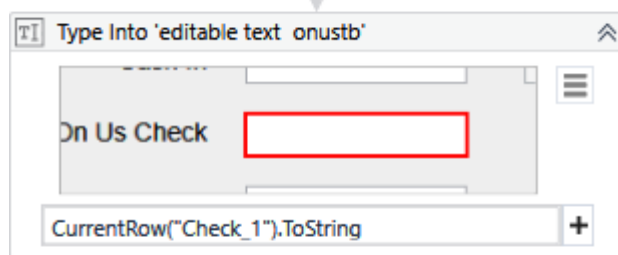
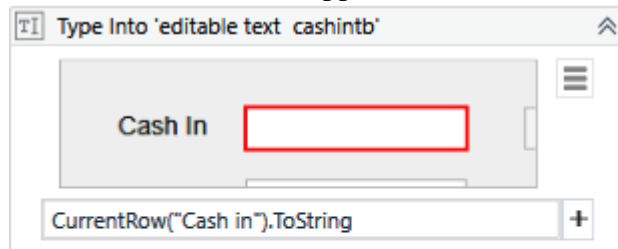
4. Add Open Application activity, start Double UI then click on “Indicate window on screen” option and select Double UI.



5. Add For each row in DataTable activity and iterate over DoubleUI datatable.

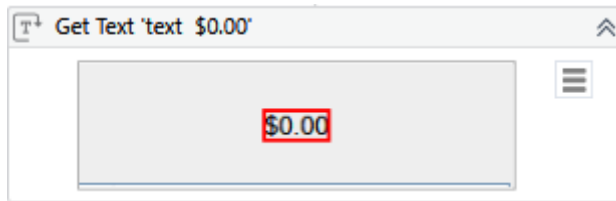


6. Add three type into activity in the for each activity. Indicate to the three textboxes in the Double UI app. Enter the DataTable element you want to enter in the Text attribute.



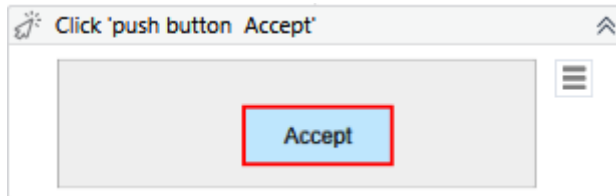
7. Add two get text activities and create two variables to store the transaction is and total. Indicate these elements to the Get text activities.



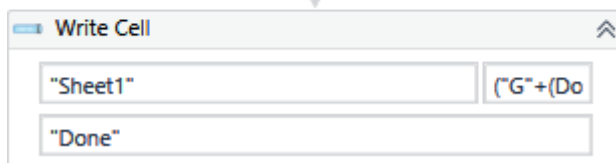
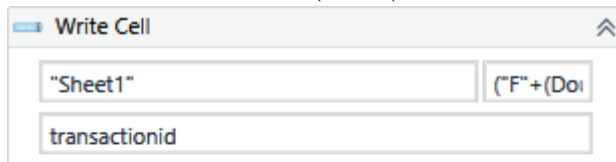


In case of Total remove the name attribute from the Edit Selector.

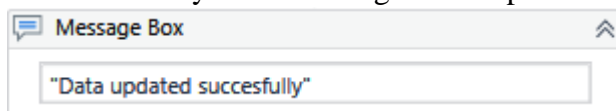
8. Add Click activity and indicate to Accept Button in Double UI.



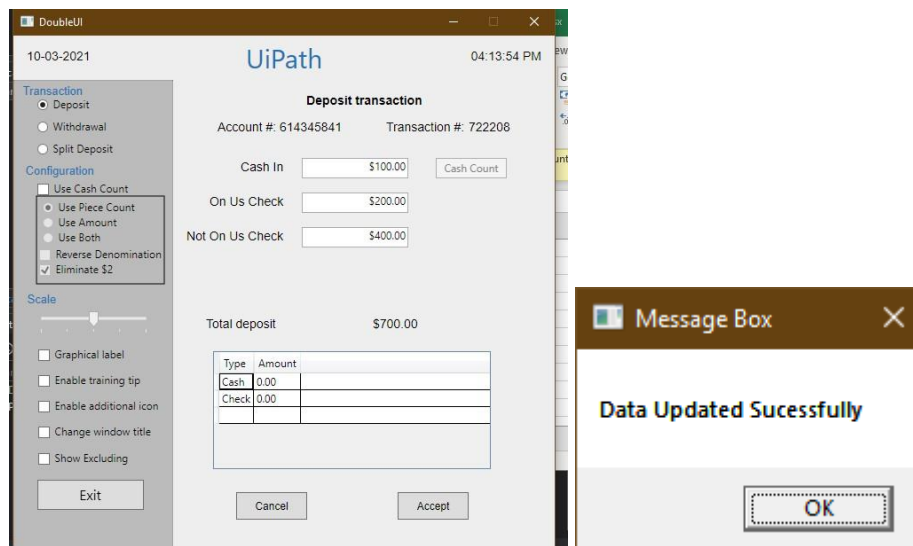
9. Add three Write Cell Activities to enter the transaction id and total and to Update the status column. ("E"+(DoubleUI.Rows.IndexOf(CurrentRow)+2).ToString)



10. Finally add a Message Box to print the success of the updation of Excel file.



Output:



	A	B	C	D	E	F	G
1	Sr no.	Cash In	Check_1	Check_2	Total	Transactio	Status
2	1	100	200	400	700	722208	Done
3	2	200	300	600	1100	722209	Done
4	3	300	400	800	1500	722210	Done
5	4	400	500	1000	1900	722211	Done
6	5	500	600	1200	2300	722212	Done
7	6	600	700	1400	2700	722213	Done
8	7	700	800	1600	3100	722214	Done
9	8	800	900	1800	3500	722215	Done

4 C) Automate any process using web recording.

Aim: Use "google.com" and automate stuff (Scrape Text, Input Text, Click Button)

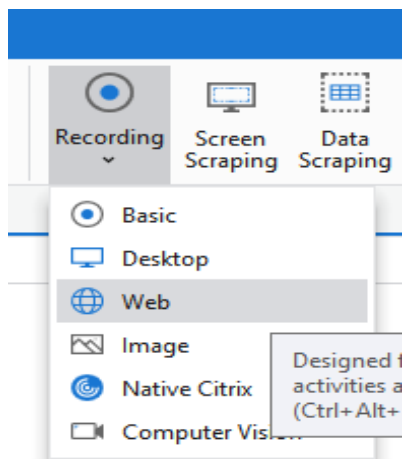
Steps:

1. Create a new Blank Project and give it an appropriate name. Drag a Sequence activity from Activity tab.

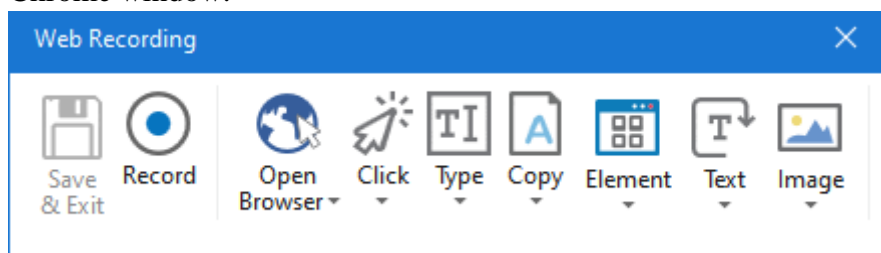
Saurabh Yadav 4C Sequence



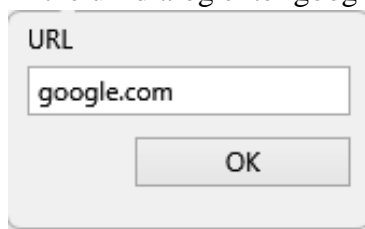
2. Select web recording under the recording option.



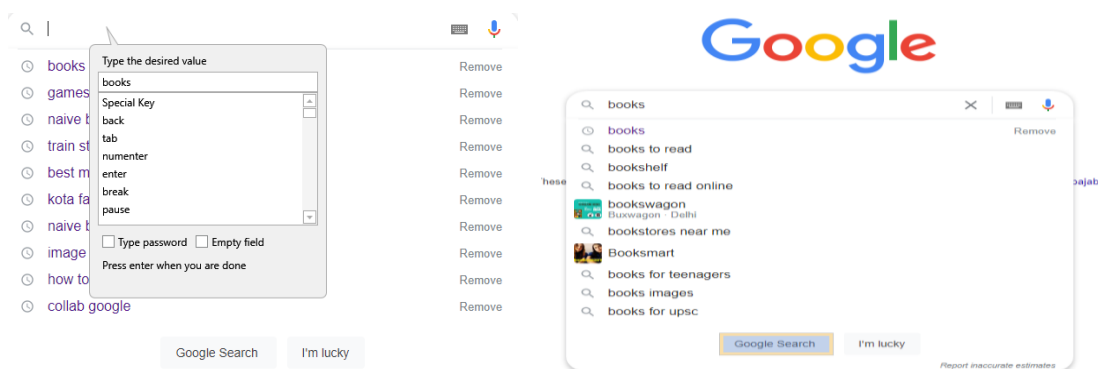
- Open a Chrome window and from the web recording dialog select open browser and click on the Chrome window.



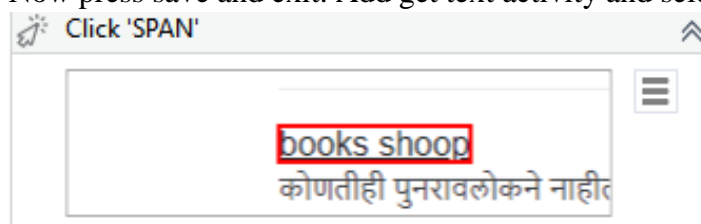
- In the url dialog enter google.com and press enter.



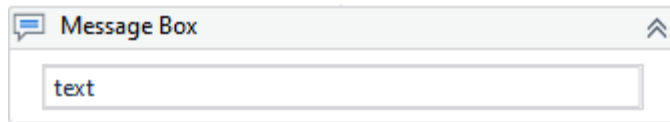
- Now start recording by clicking on Record and click on the search button. Type the desired search and click on the Google search button. The press Esc.



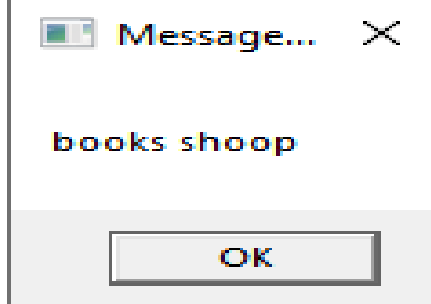
- Now press save and exit. Add get text activity and select the text you want to scrape.



- Add message box to print scrapped text.



Output:

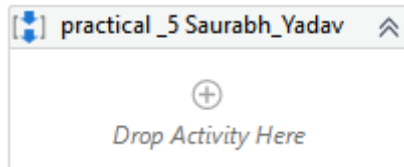


Practical no 5

Aim: Consider an array of names. We have to find out how many of these start with the letter “a” Create an automation where the number of names starting with “a” is counted and the result is displayed.

Steps:

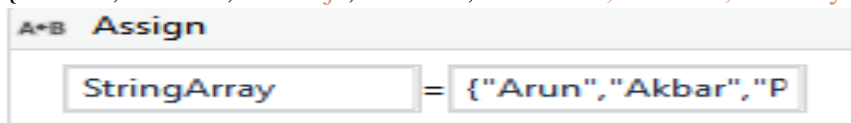
1. Create a sequence.



2. Use 1 Assign Activity

Create array string Eg:

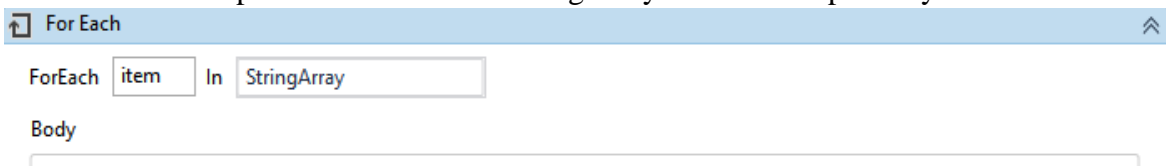
{"Arun","Akbar","Pankaj","Bharat","Saurabh","Meeth","Akshay"}



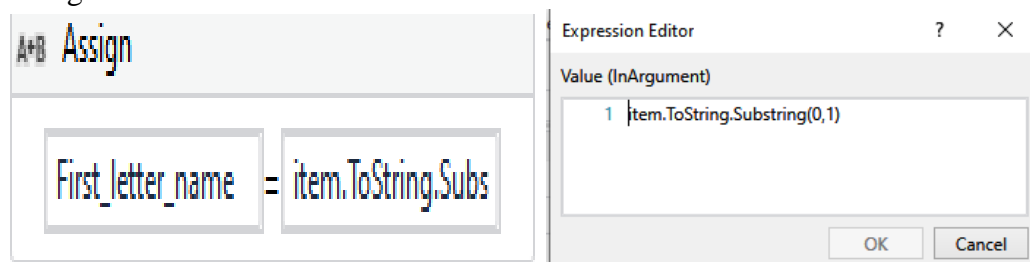
3. In Variable section take datatype as Array of[T] -> String

Name	Variable type	Scope	Default
StringArray	String[]	practical_5 Saurabh_Ya...	{"Arun","Akbar","Pankaj","Bharat","Saurabh","Meeth","Akshay"}

4. Take For each loop where each item in stringArray will occur repeatedly.



5. Take another Assign activity and create new variable as “First_letter_name” with datatype as String.

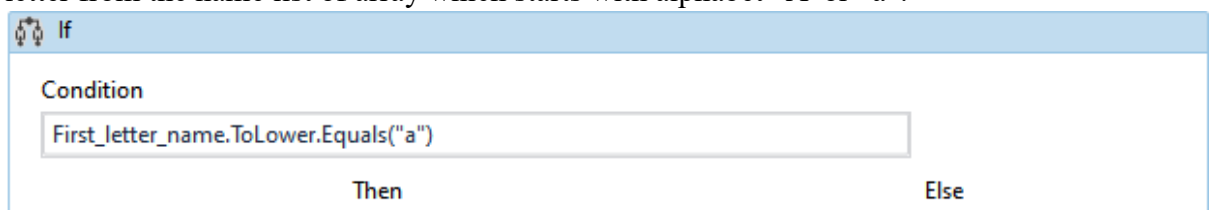


item.ToString.SubString(0,1)

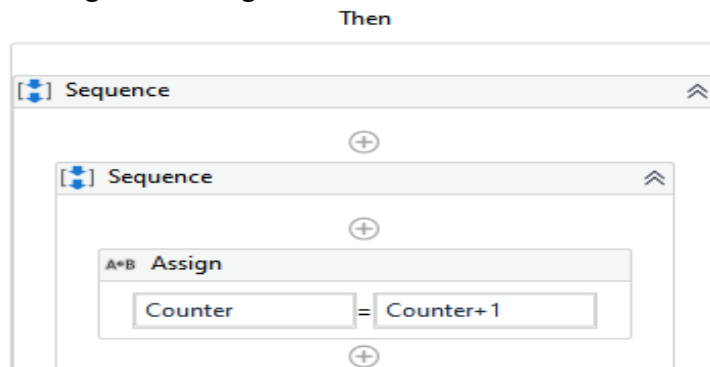
Where 0 is the starting index value.

1 is the length of the name.

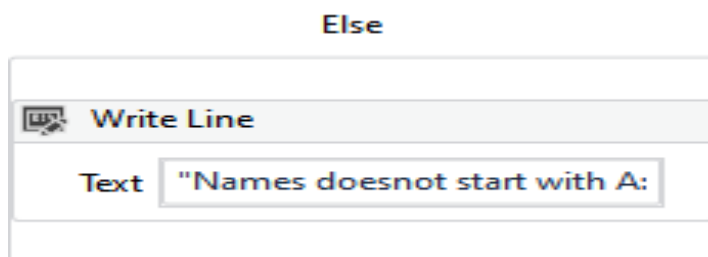
6. Now Take If condition -First_letter_name.ToLower.Equals("a") this condition states that take the letter from the name list of array which starts with alphabet “A”or “a”.



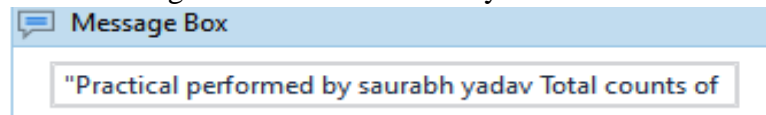
7. Then: take assign activity create Counter variable to count the number of names in the array starting with “A”, give default value of Counter variable as 0.



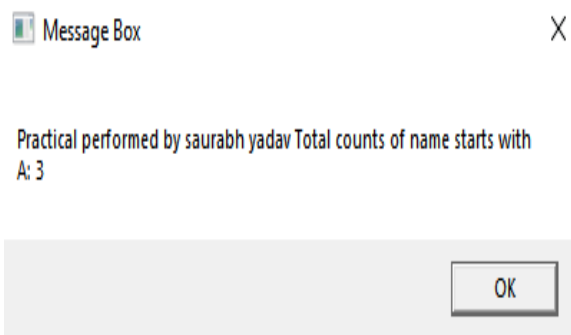
8. Else: take write line activity and put as " Names doesnot start with A:" + item.ToString



9. Add a message box after the if activity and show the count of Names starting with “A”.



10. Hit the Debug button and see the result.



X

- ① Prac_5 execution started
- ① Names doesnot start with A: Pankaj
- ① Names doesnot start with A: Bharat
- ① Names doesnot start with A: Saurabh
- ① Names doesnot start with A: Meeth
- ① Prac_5 execution ended in: 00:00:19

Practical no 6

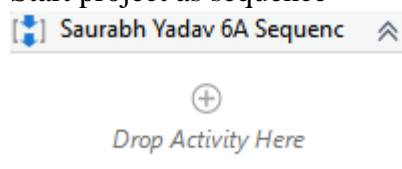
6A. Create an application automating the read, write and append operation on excel file.

Aim: Using Excel sheet data perform some calculation on the data writing it into the cells

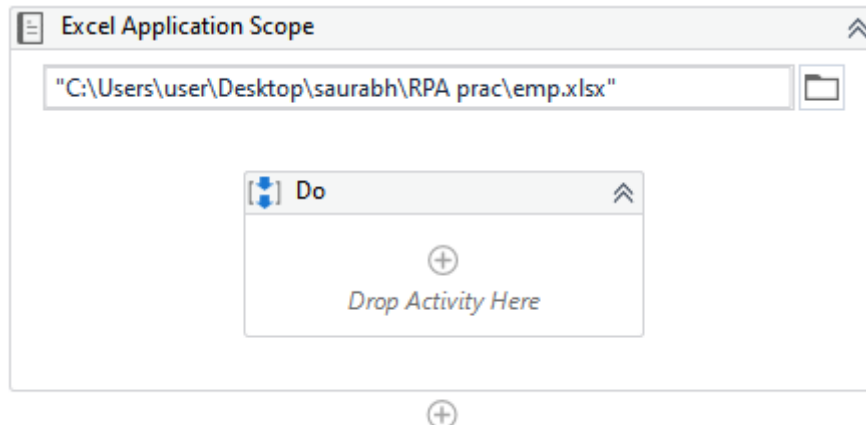
Steps: Create a sample excel as shown below

1	Emp_Id	F_name	L_name	Salary	Expenses	Saving	
2	1001	Saurabh	Yadav	100000	10000		
3	1002	Pankaj	Gavali	200000	20000		
4	1003	Bharat	Bhagat	300000	30000		
5	1004	Virat	Kohli	400000	40000		
6	1005	Mahendra	Dhoni	500000	50000		
7							

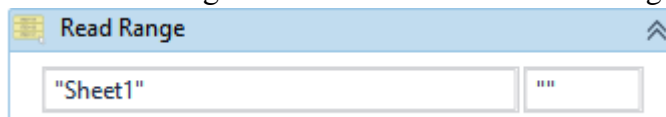
1. Start project as sequence



2. Drag Excel Application Scope Activity from Activity Panel and enter the excel file path.

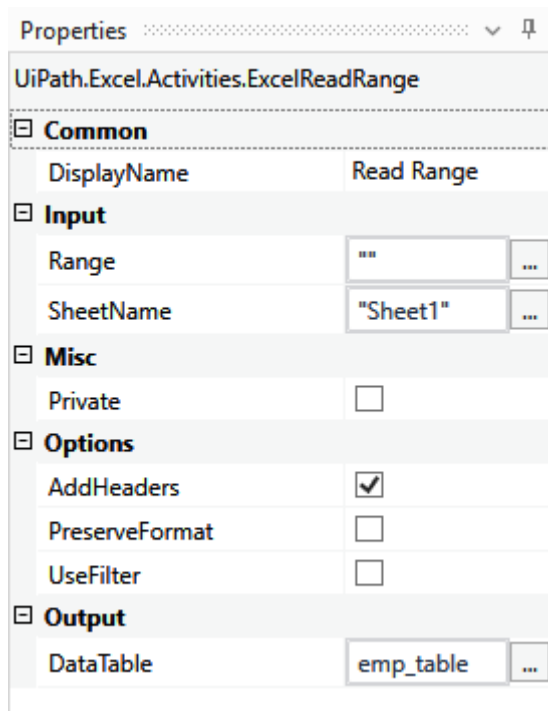


3. Add "Read Range" from activities and add the range of the cells if required.

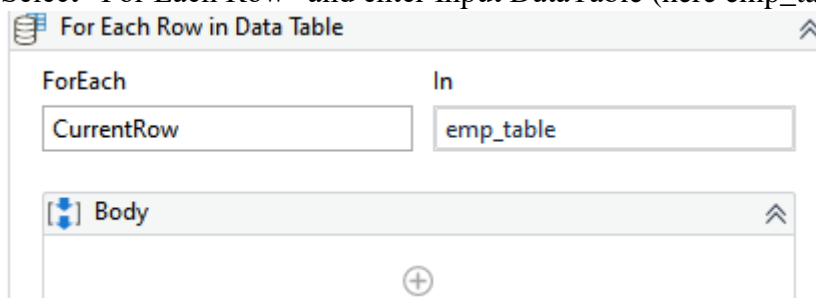


4. Create a variable of type DataTable (here variable name: emp_table variable type: DataTable). Enter the variable in the Read Range Output>DataTable attribute.

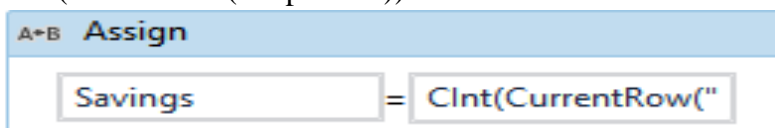
Name	Variable type	Scope	Default
emp_table	DataTable	Saurabh Yadav 6A Sequence	Enter a VB expression



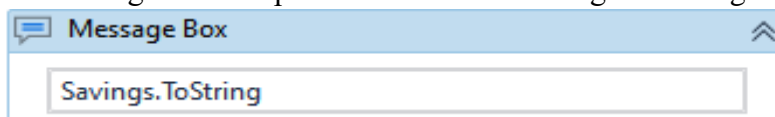
5. Select “For Each Row” and enter Input DataTable (here emp_table).



6. Inside Body insert “Assign” variable (Savings) with int32 as variable type .
 7. Enter the following in value part of assign $CInt(CurrentRow("Salary")) - CInt(CurrentRow("Expenses"))$.



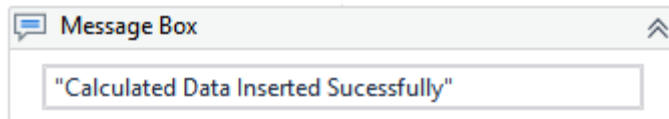
8. A “Message Box” to print the result converting it to string.



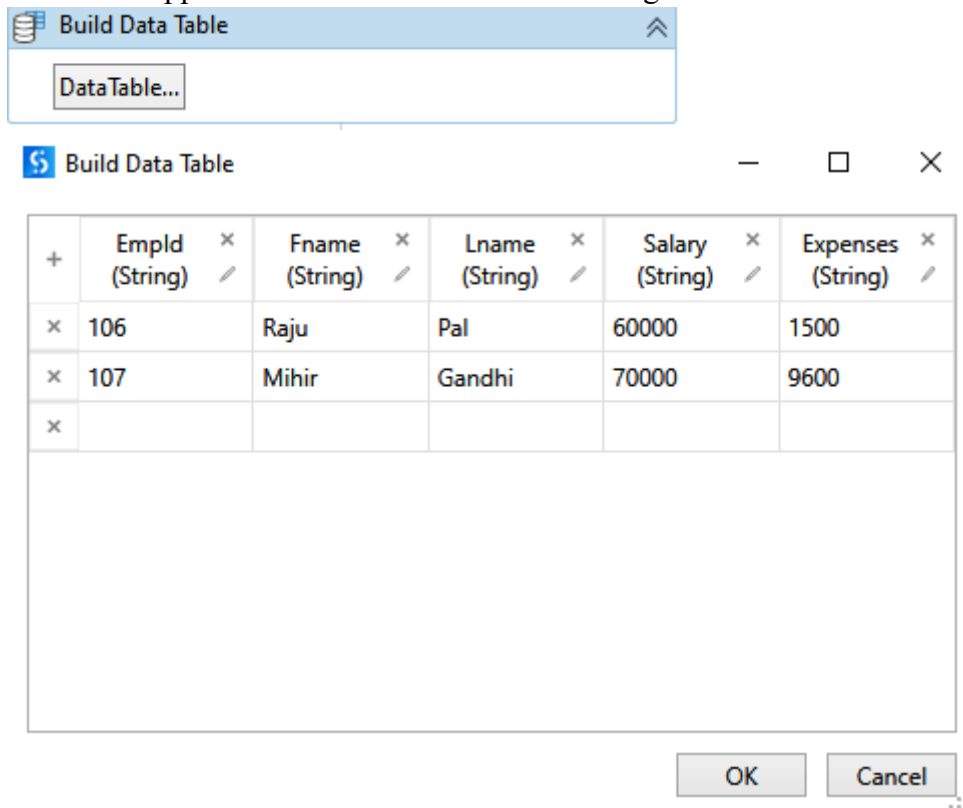
9. To insert the Saving value in the excel use Write Cell Activity. Give the Savings Variable in Value. In Range type:
 $"F" + (emp_table.Rows.IndexOf(CurrentRow) + 2).ToString$.



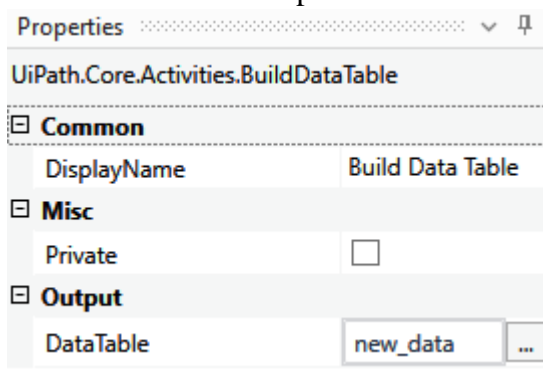
10. Add a Message Box to indicate that the calculated values have been successfully inserted.



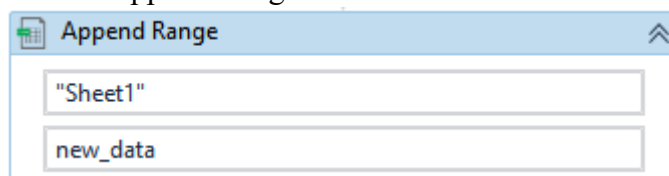
11. In order to append new data create data table using “Build Data Table” and insert the values.



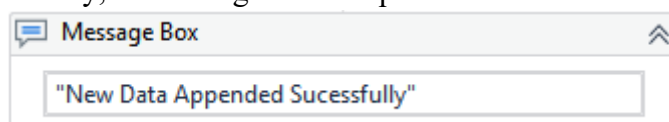
12. Create a new variable with name: new_data and variable type: DataTable and pass it to the DataTable field in Output attribute of Build datatable activity.



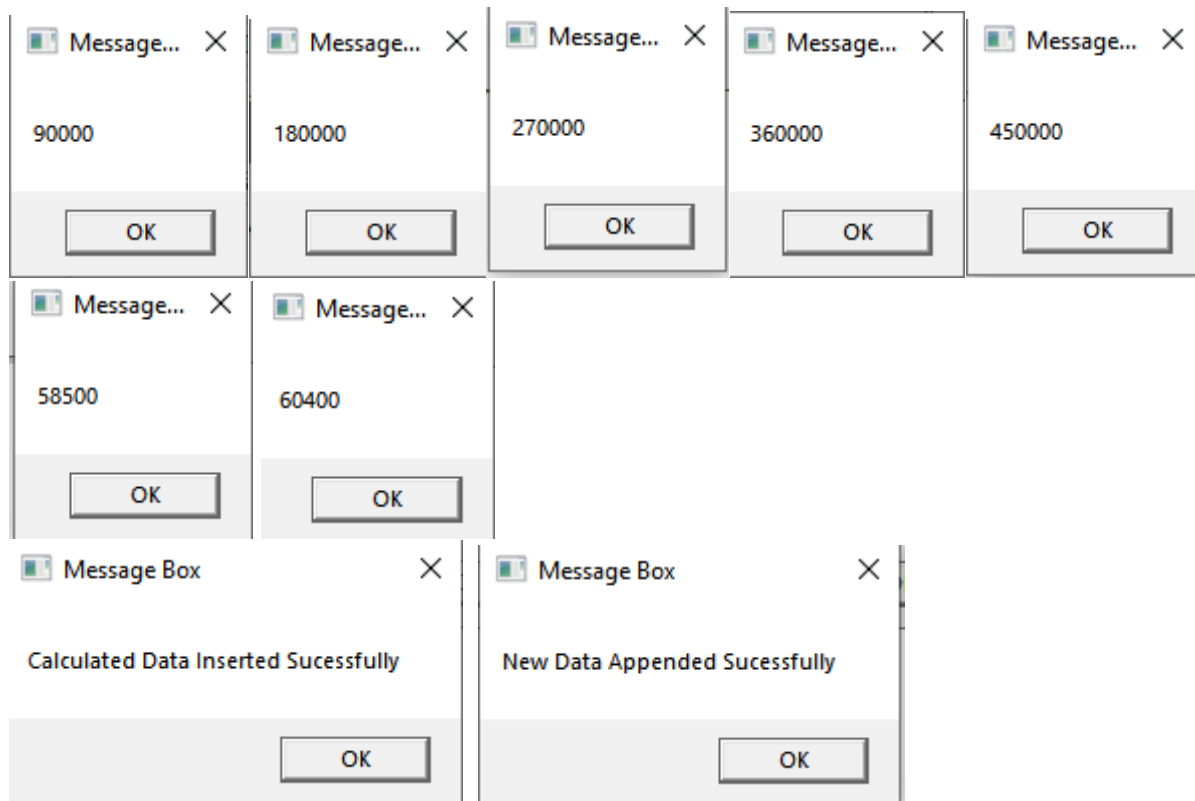
13. Select “Append Range” and insert DataTable name (“new_data”).



14. Finally, a “Message Box” to print a confirmation message.



Output:



Final Output:

Emp_Id	F_name	L_name	Salary	Expenses	Saving
1001	Saurabh	Yadav	100000	10000	90000
1002	Pankaj	Gavali	200000	20000	180000
1003	Bharat	Bhagat	300000	30000	270000
1004	Virat	Kohli	400000	40000	360000
1005	Mahendra	Dhoni	500000	50000	450000
106	Raju	Pal	60000	1500	58500
107	Mihir	Gandhi	70000	9600	60400

6B. Create automate the process to extract data from an excel file into a data table and vice versa.

Aim: Using one excel sheet data to copy and writing it into other excel sheet.

(Using excel data given below)

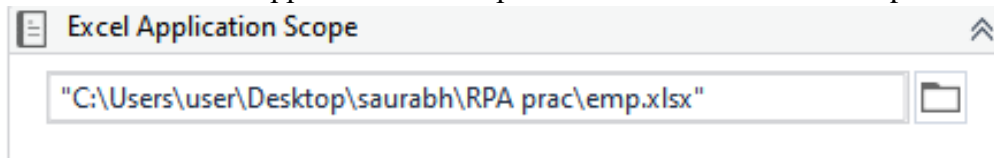
Emp_Id	F_name	L_name	Salary	Expenses	Saving
1001	Saurabh	Yadav	100000	10000	90000
1002	Pankaj	Gavali	200000	20000	180000
1003	Bharat	Bhagat	300000	30000	270000
1004	Virat	Kohli	400000	40000	360000
1005	Mahendra	Dhoni	500000	50000	450000
106	Raju	Pal	60000	1500	58500
107	Mihir	Gandhi	70000	9600	60400

Step:

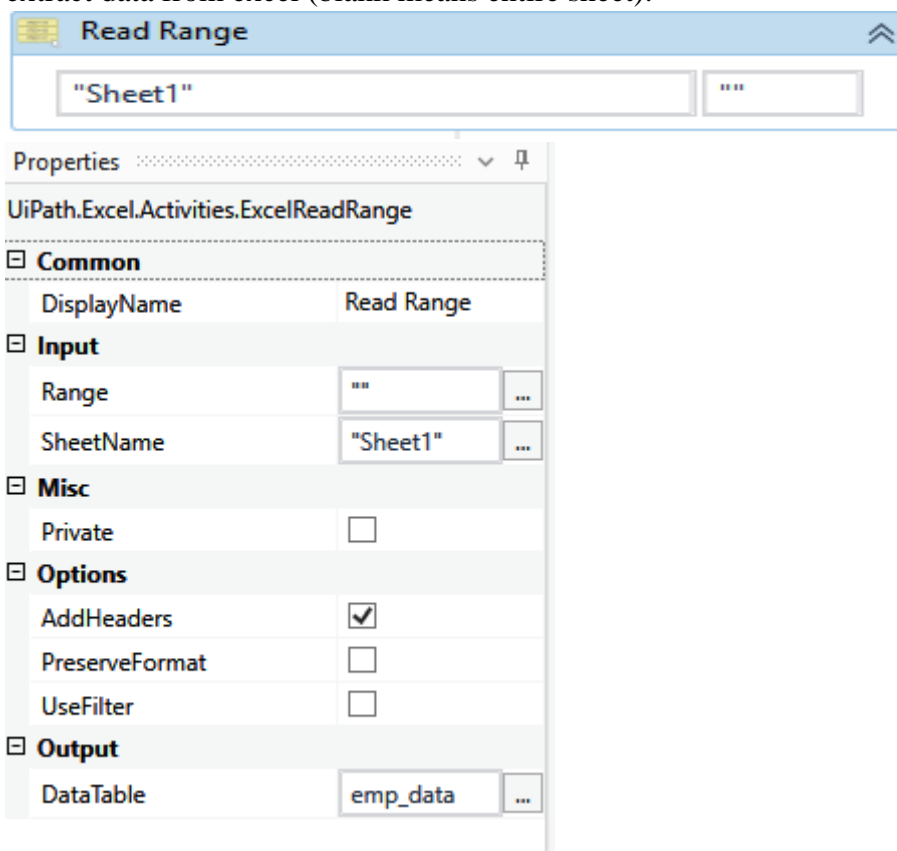
1. Start project with sequence.



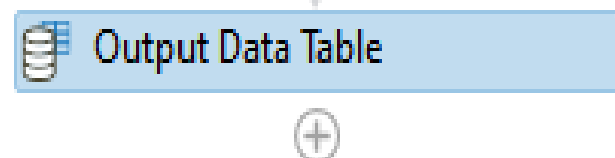
2. Add “Excel Application Scope” and enter the path of excel file.

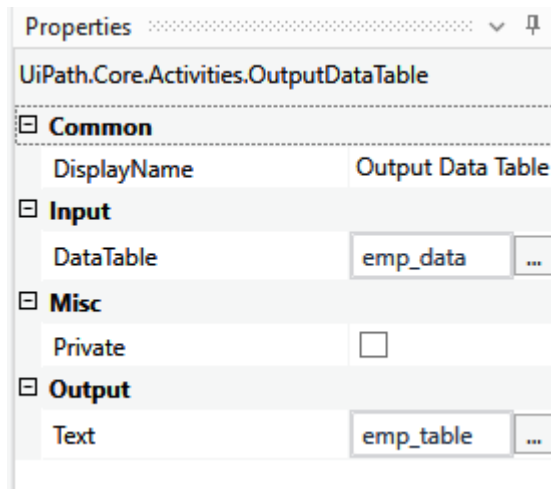


3. Inside body add “Read Range” variable name and datatype as datatable(emp_data) and range to extract data from excel (blank means entire sheet).

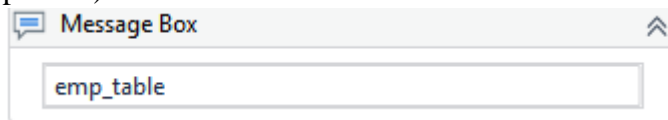


4. Add “Output Data Table” input as “emp_data” output as “emp_table”.

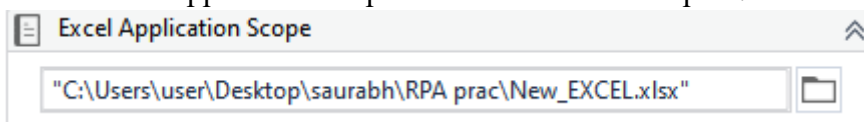




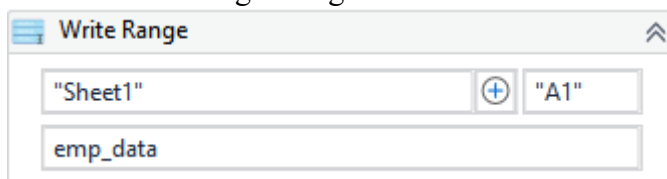
5. “Message Box” to print the result adding variable “emp_table” (here extracted data will be printed).



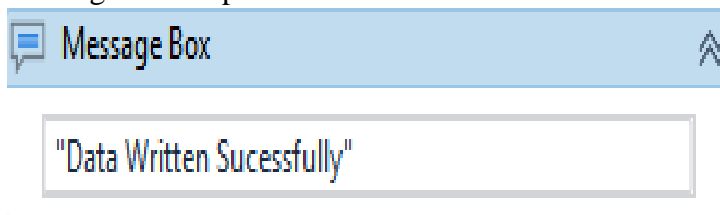
6. Insert “excel application scope” and new excel sheet path.




7. Insert “Write Range” range from where the data should be pasted and variable “emp_data”.



8. Message Box to print confirmation



Output:

 Message Box

X

Emp_Id,F_name,L_name,Salary,Expenses,Saving
 1001,Saurabh,Yadav,100000,10000,90000
 1002,Pankaj ,Gavali,200000,20000,180000
 1003,Bharat,Bhagat,300000,30000,270000
 1004,Virat ,Kohli,400000,40000,360000
 1005,Mahendra,Dhoni,500000,50000,450000
 106,Raju,Pal,60000,1500,58500
 107,Mihir,Gandhi,70000,9600,60400

Message Box X

Data Written Sucessfully

OK

	A	B	C	D	E	F	G
1	1001	Saurabh	Yadav	100000	10000	90000	
2	1002	Pankaj	Gavali	200000	20000	180000	
3	1003	Bharat	Bhagat	300000	30000	270000	
4	1004	Virat	Kohli	400000	40000	360000	
5	1005	Mahendra	Dhoni	500000	50000	450000	
6	106	Raju	Pal	60000	1500	58500	
7	107	Mihir	Gandhi	70000	9600	60400	
8	106	Raju	Pal	60000	1500		
9	107	Mihir	Gandhi	70000	9600		
10							

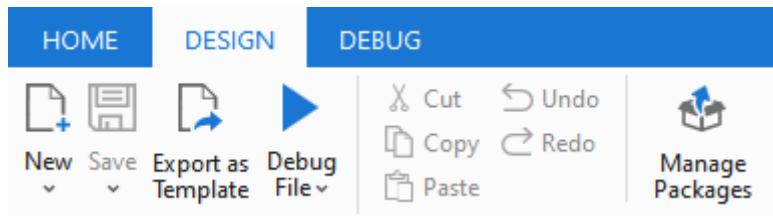
Practical no 7

7A: Install and automate any process using UiPath.

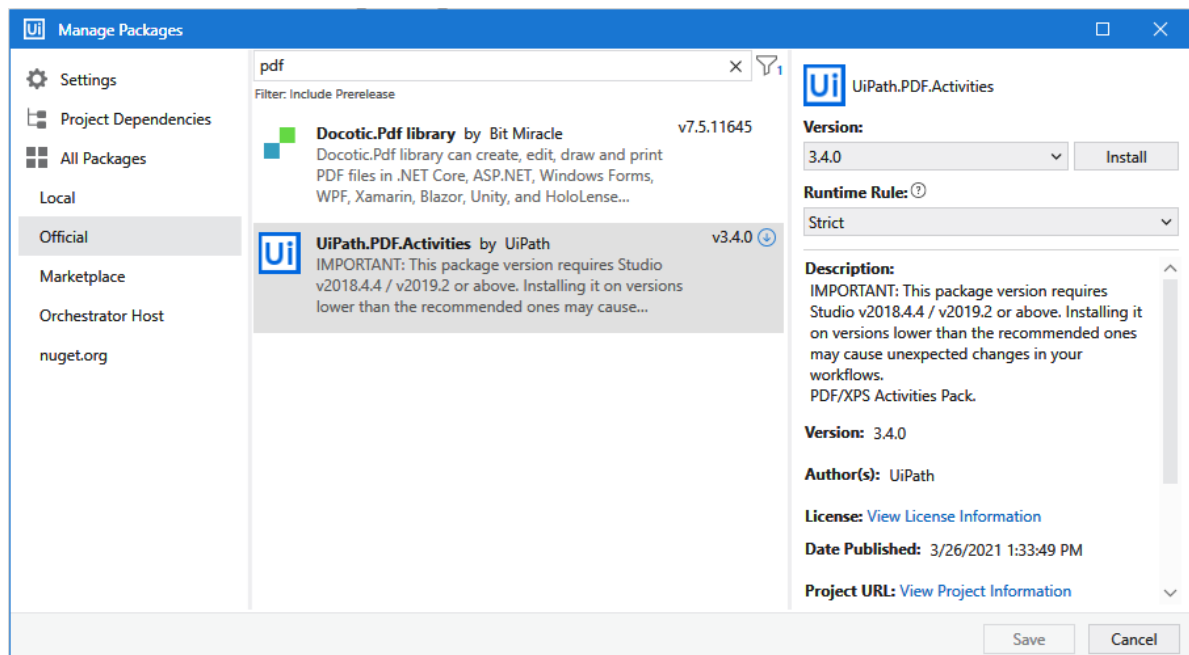
Aim: Install and automate any process using UiPath with the following plug-ins: Any two.

Steps:

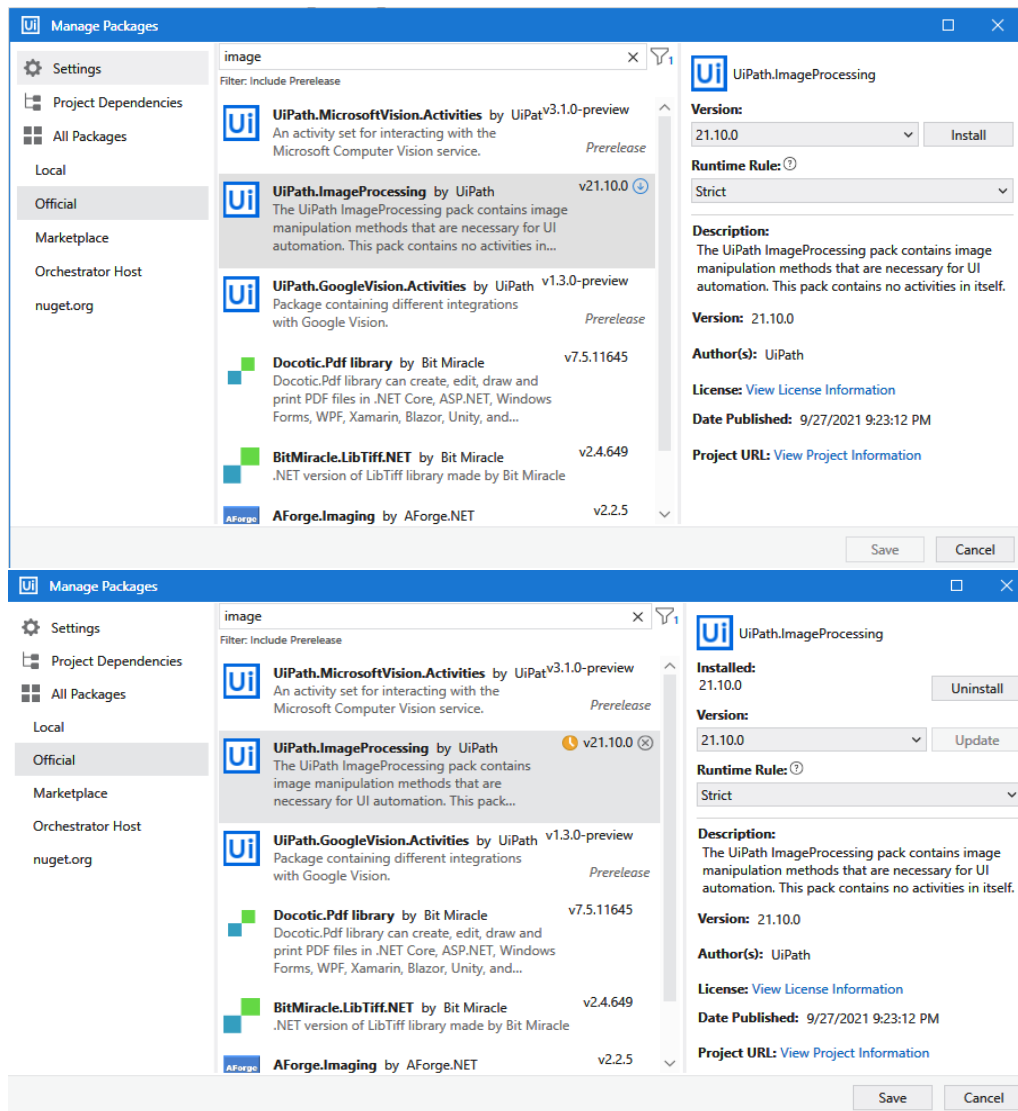
1. Create a Process → Open Ui path → Click on manage package.



2. Click on All Packages on Manage Package Pop-up widow and Search the Required Activity or Package you want to install → Select that particular activity or package and click on install → Click on it will Automatically will save the changes.



3. Click on All Packages on Manage Package Pop-up widow and Search the Required Activity or Package you want to install → Select that particular activity or package and click on install → Click on it will Automatically will save the changes.



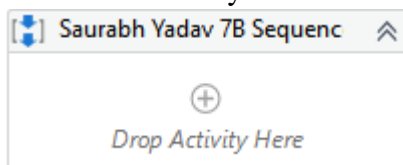
7 B) Automate the following screen scraping methods using UiPath

i. Full Test (Invoice PDF) 3 PDS (invoice)

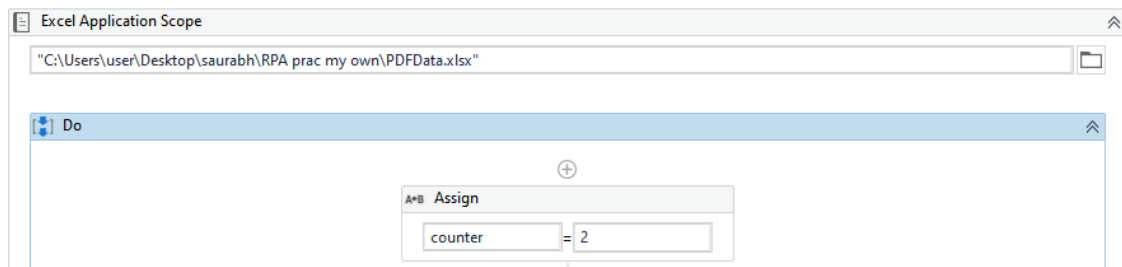
Extract and put value in Excel

Steps:

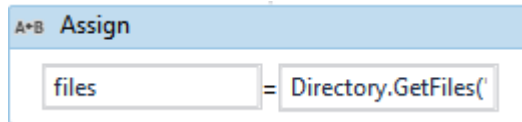
1. Create a new Blank Project and give it an appropriate name. Drag a Sequence activity from Activity tab.



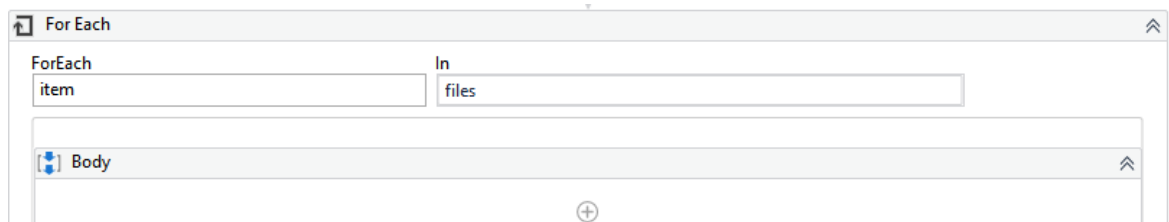
2. Add Excel Application Scope Activity give path and in an assign activity start a counter from 2.



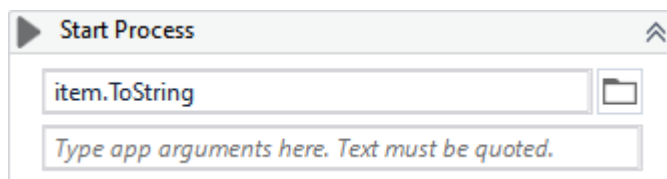
3. Add a assign activity to get the files in the given folder path.



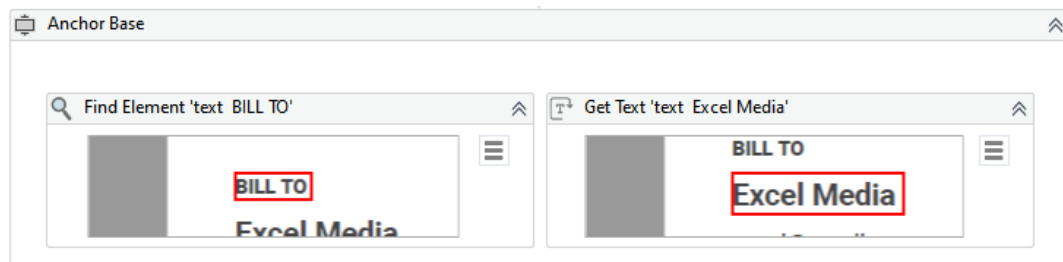
4. Add a for each activity to iterate over the files.



5. Add an Start process activity and pass the iterator variable.



6. Open one pdf and using anchor base, find element and get text extract the elements you want to get.



7 C) Automate the process of send mail event (use gmail setting).

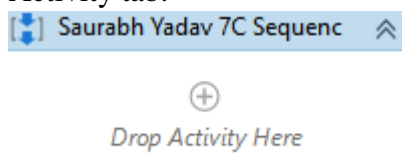
SMTP server address: smtp.gmail.com.

Gmail SMTP port (TLS): 587.

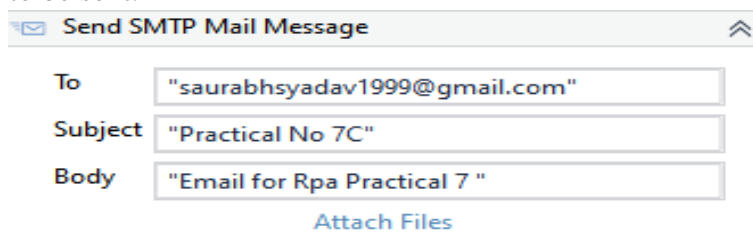
Add 3 different attachments as input.

Step:

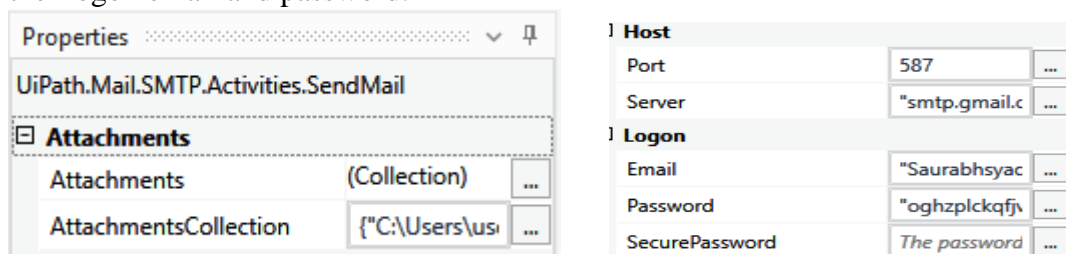
1. Create a new Blank Project and give it an appropriate name. Drag a Sequence activity from Activity tab.



2. Add Send SMTP Mail Message Activity enter the recipient email, subject and body of the email to be sent.



3. Enter the files variable in AttachmentsCollection Attribute. Enter smtp port number in port attribute of Host and the hostname in server field. Enter the email and password of the sender in the Logon email and password.



Output:

The image shows two screenshots of a Gmail interface. The top screenshot displays the inbox with 5,694 emails. The 'Primary' tab is selected, showing a list of emails from various senders including 'me', 'Sweta', 'Dell India', 'Navi Loans', 'Zomato', 'Credit.Sco.', 'Dell India', 'ICICI prudential.', 'Tata AIG Car Insura.', 'Sell Online', 'DELL India', 'Medium Daily Digest', 'Tata AIG Car Insura.', and 'Udemy Instructor: P.'. The email from 'me' is highlighted, titled 'Practical No 7C - Email for Rpa Practical 7', and contains three PDF attachments: INV0001..., INV0002..., and INV0003... The bottom screenshot shows the details of the selected email. It is from 'saurabhsyadav1999@gmail.com' to 'me', titled 'Email for Rpa Practical 7', and received at 6:47 PM (2 minutes ago). It contains three PDF attachments: INV0001.pdf, INV0002.pdf, and INV0003.pdf. Below the attachments are buttons for 'Reply' and 'Forward'.

Inbox (5,694) - saurabhsyadav1999@gmail.com

mail.google.com/mail/u/0/?tab=rm&ogbl#inbox

Gmail Search mail

1-50 of 6,674

Primary Social **16 new** Promotions **20 new**

LinkedIn, Pratik Rane via Link... Pushpa, Udemy, SolarWinds, ...

me Practical No 7C - Email for Rpa Practical 7 6:47 PM

INV0001... INV0002... INV0003...

Sweta Only in one Click You can Open Demat Account.! - If you... 5:20 PM

Dell India Celebrate the festivities with Dell PCs, and get exciting ... 4:59 PM

Navi Loans Dear Saurabh Yadav, Salary Crunch? Get Instant Person... 3:30 PM

Zomato Your orders and tips are changing lives 🍕 - Hey! My na... 1:55 PM

Credit.Sco. Your Sept.21 Credit score xxxx8X951 has been generat... 1:18 PM

Dell India The Ideal PCs for your Business Journey! - We respect y... 12:55 PM

ICICI prudential. 🍌 Life Cover Upto Rs.2 crore, saurabhsyadav1999@gm... 11:02 AM

Tata AIG Car Insura. Dear Saurabh Yadav, Policy Expired? Get TATA AIG Car I... 9:04 AM

Sell Online Congratulations! Simple-Steps To Sell-On Flipkart. - If y... 8:40 AM

DELL India Power New Possibilities. - We respect your privacy. If yo... 8:01 AM

Medium Daily Digest The Battery That Will Last 1000 Years | Will Lockett in P... 7:30 AM

Tata AIG Car Insura. Dear Saurabh Yadav, Save up to 75%* on car insurance ... 6:26 AM

Udemy Instructor: P. Git and GitHub Course For Free - New Educational Anno... 2:18 AM

Practical No 7C - saurabhsyadav1999@gmail.com

mail.google.com/mail/u/0/?tab=rm&ogbl#inbox/FMfcgZGikFvBvHcvfcBtQnfZrVQKfFB

Gmail Search mail

1 of 6,674

Practical No 7C Inbox x

saurabhsyadav1999@gmail.com to me 6:47 PM (2 minutes ago)

Email for Rpa Practical 7

3 Attachments

INV0001.pdf INV0002.pdf INV0003.pdf

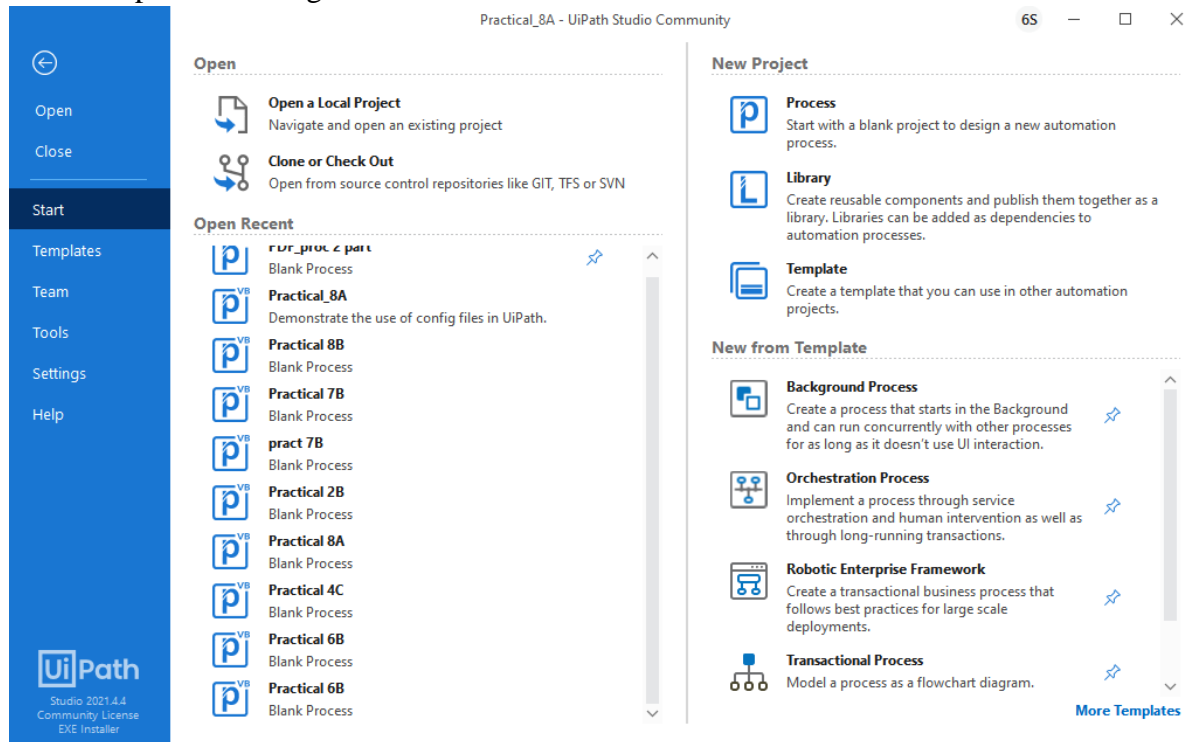
Reply Forward

Practical no 08

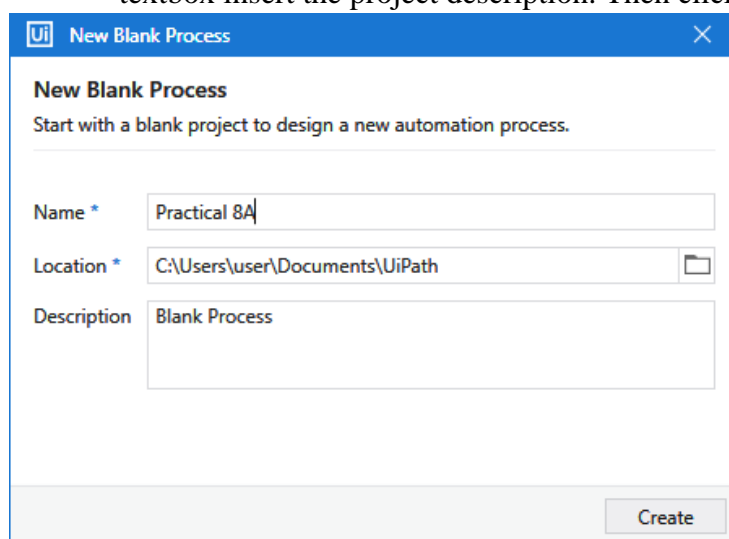
8 A) Aim: Demonstrate the use of config files in UiPath.

Steps:

1. Create new project: Open UiPath and create new project by clicking on “Process” option at the right side of the window.



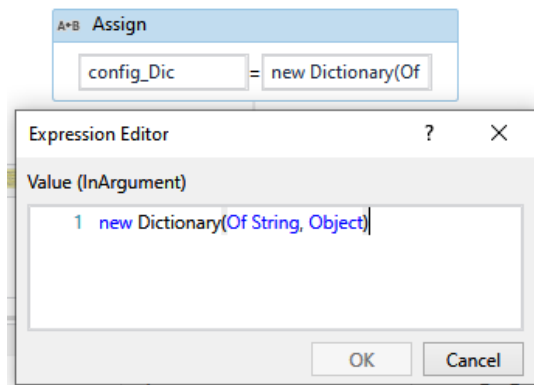
2. In “New Blank Process” window insert the project name you want in the “Name” textbox. In “Location” textbox insert the path in which folder you want to save the project (In normal case you will see the default location of project). In “Description” textbox insert the project description. Then click on “Create” button.



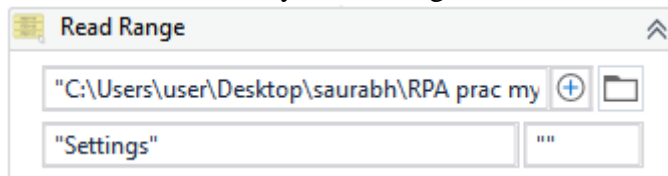
3. Create a Variable config_Dic of Variable types and Dictionary<String, Object>.

Name	Variable type	Scope	Default
config_Dic	Object	Practical_8A_Saurabh _ ...	Enter a VB expression
config_DT	DataTable	Practical_8A_Saurabh _ ...	Enter a VB expression

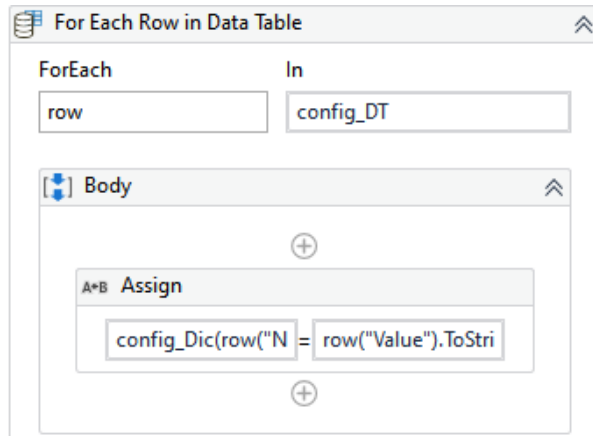
4. Select Activity Assign from Activities and initialize the Dictionary.



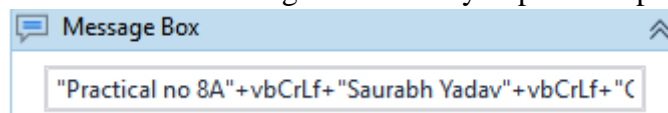
5. Select activity Read Range from activities to read Excel sheet.



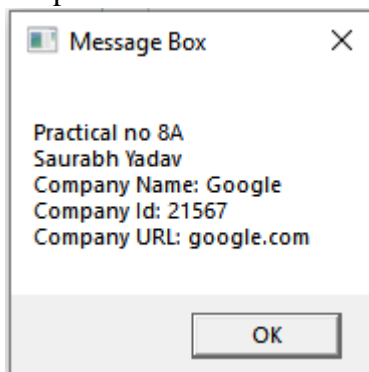
6. Select For Each Row from activities.



7. Select Message Box activity to print Output.



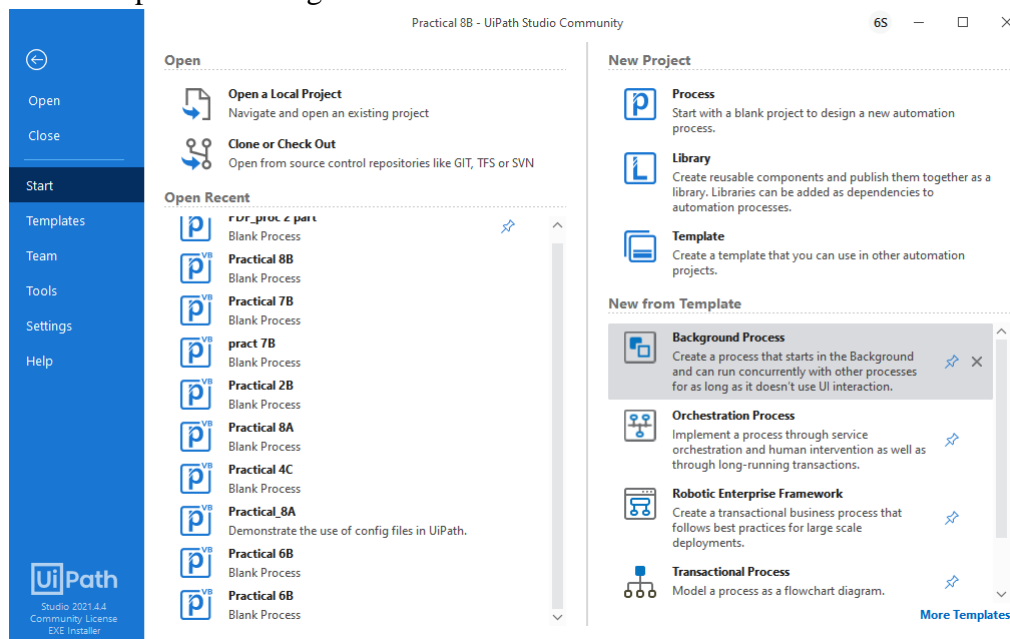
Output:



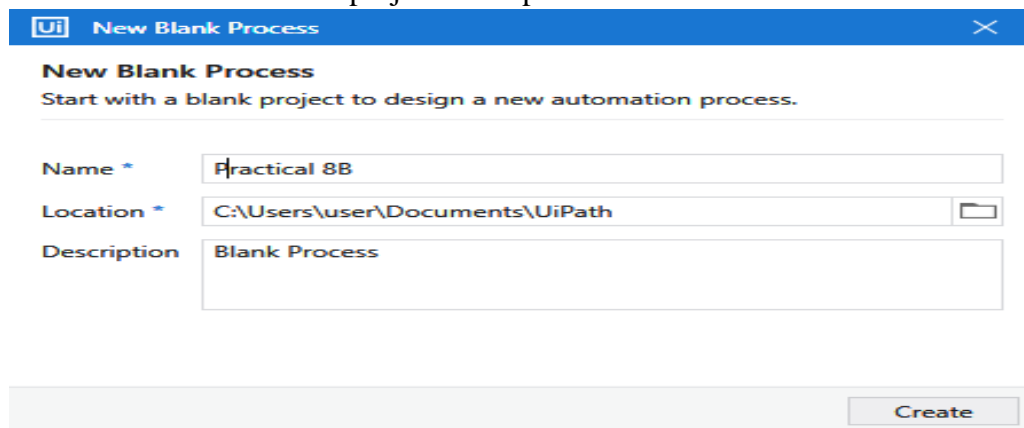
8 B) Aim: Demonstrate the Exception handling in UiPath.

Steps:

1. Create new project: Open UiPath and create new project by clicking on “Process” option at the right side of the window.



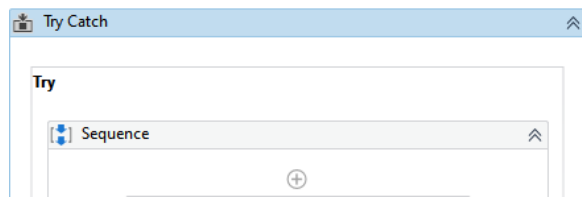
2. In “New Blank Process” window insert the project name you want in the “Name” textbox. In “Location” textbox insert the path in which folder you want to save the project (In normal case you will see the default location of project). In “Description” textbox insert the project description. Then click on “Create” button.



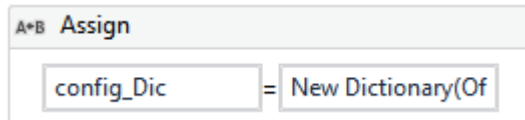
3. Create a Variable config_Dic of Variable types and Dictionary<String,Object>.

Name	Variable type	Scope	Default
config_DT	DataTable	Saurabh Yadav 8B Sequence	Enter a VB expression
config_Dic	Dictionary<String,Object>	Saurabh Yadav 8B Sequence	Enter a VB expression

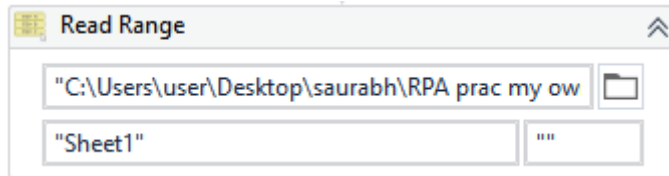
4. Select Activity Try Catch from Activities and Insert sequence in it.



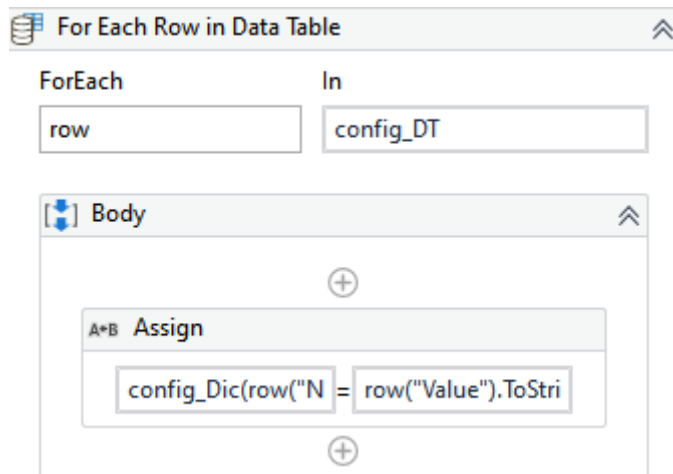
5. Select Activity Assign from Activities and initialize the dictionary.



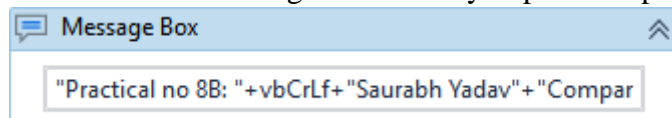
6. Select activity Read Range from activities to read Excel sheet.



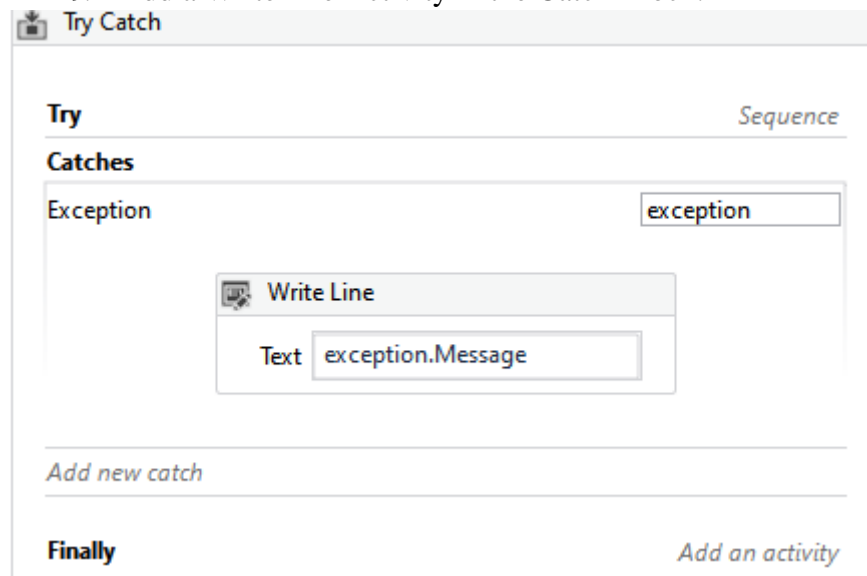
7. Select For Each Row from activities.



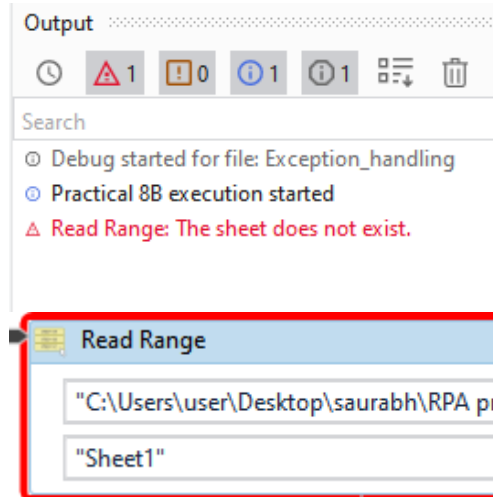
8. Select Message Box activity to print Output



9. Add a WriteLine Activity in the Catch Block.



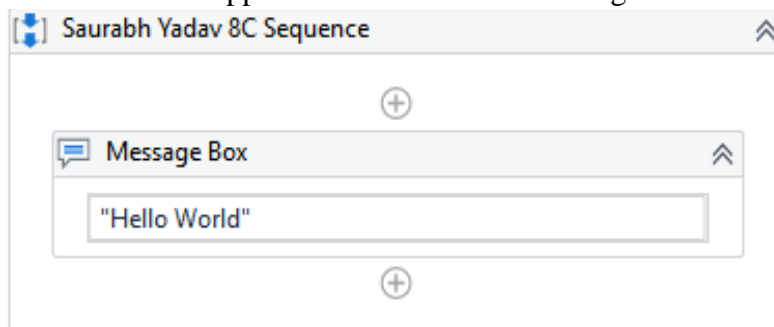
Output:



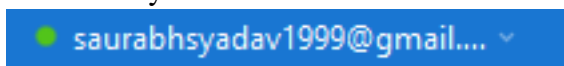
8 C) **Aim:** Create and provision Robot using Orchestrator.

Steps:

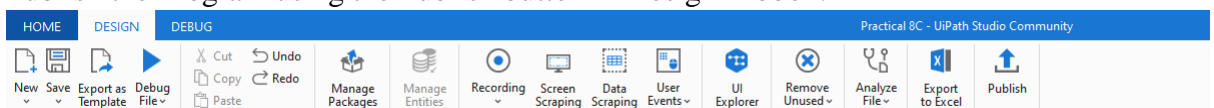
1. Create a UiPath application which show a dialog box on execution.



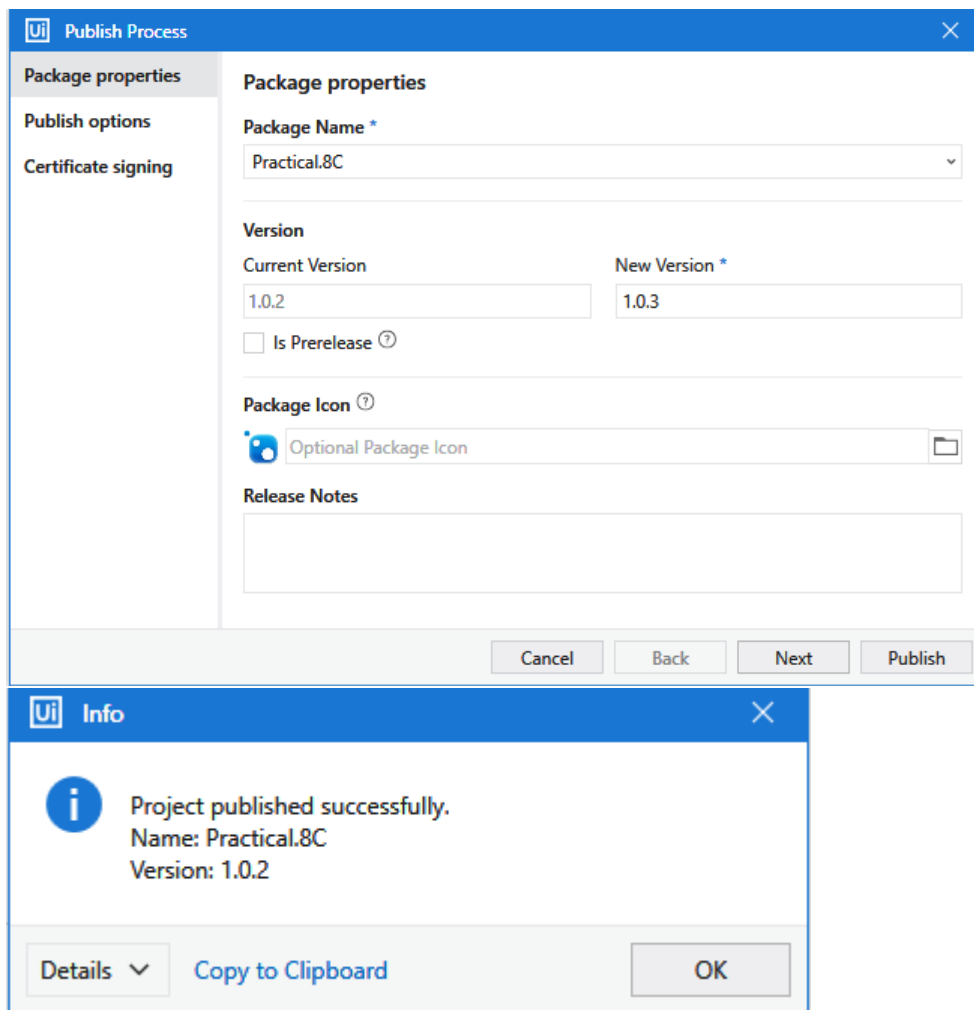
2. Make sure you are connected to the Orchestrator by checking on the bottom right bar.



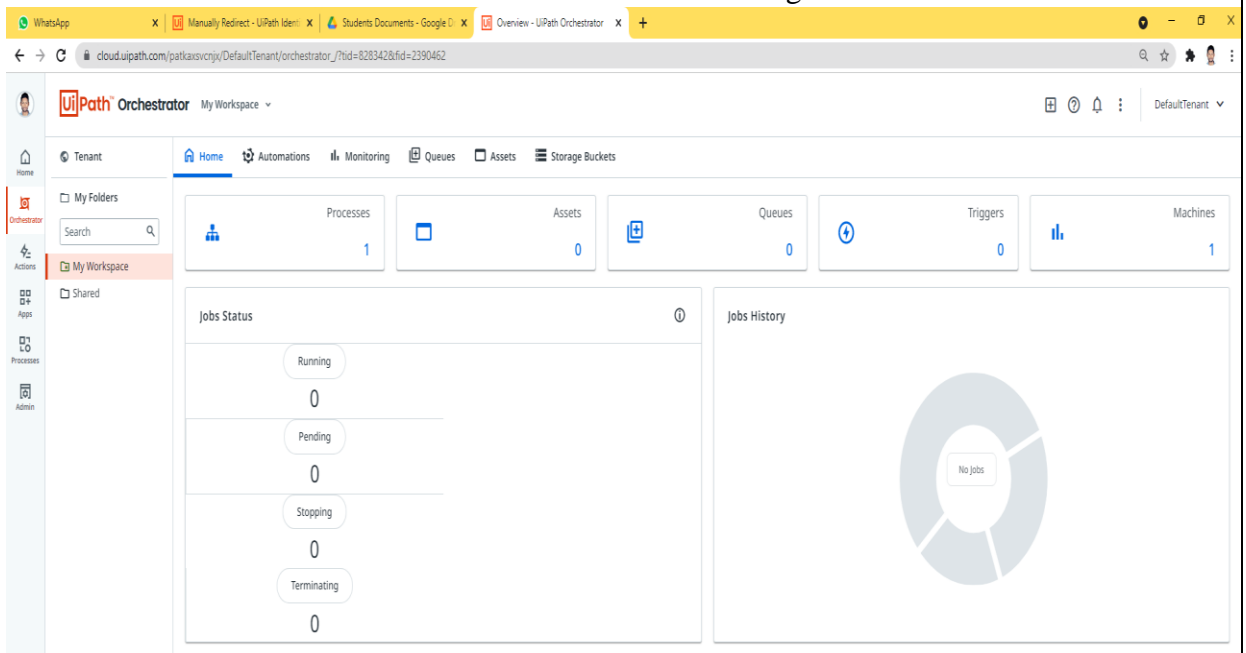
3. Publish the Program using the Publish button in Design Ribbon.



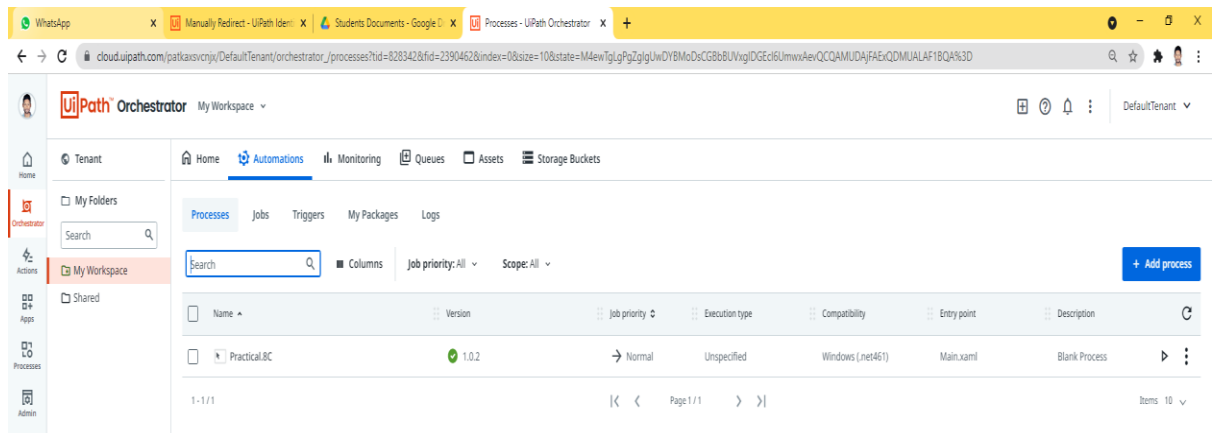
4. Set the Package name and give the version number, then click on Publish.



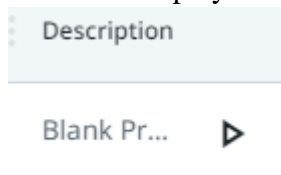
5. Go to the Orchestrator URL click on Orchestrator in the navigation bar.



6. Select processes and you will be able to see the process you just published.



7. Click on the play button beside Description.



8. Now set the job priority and run licence type and the machine you want to use to execute the process. Then click on Start button.

