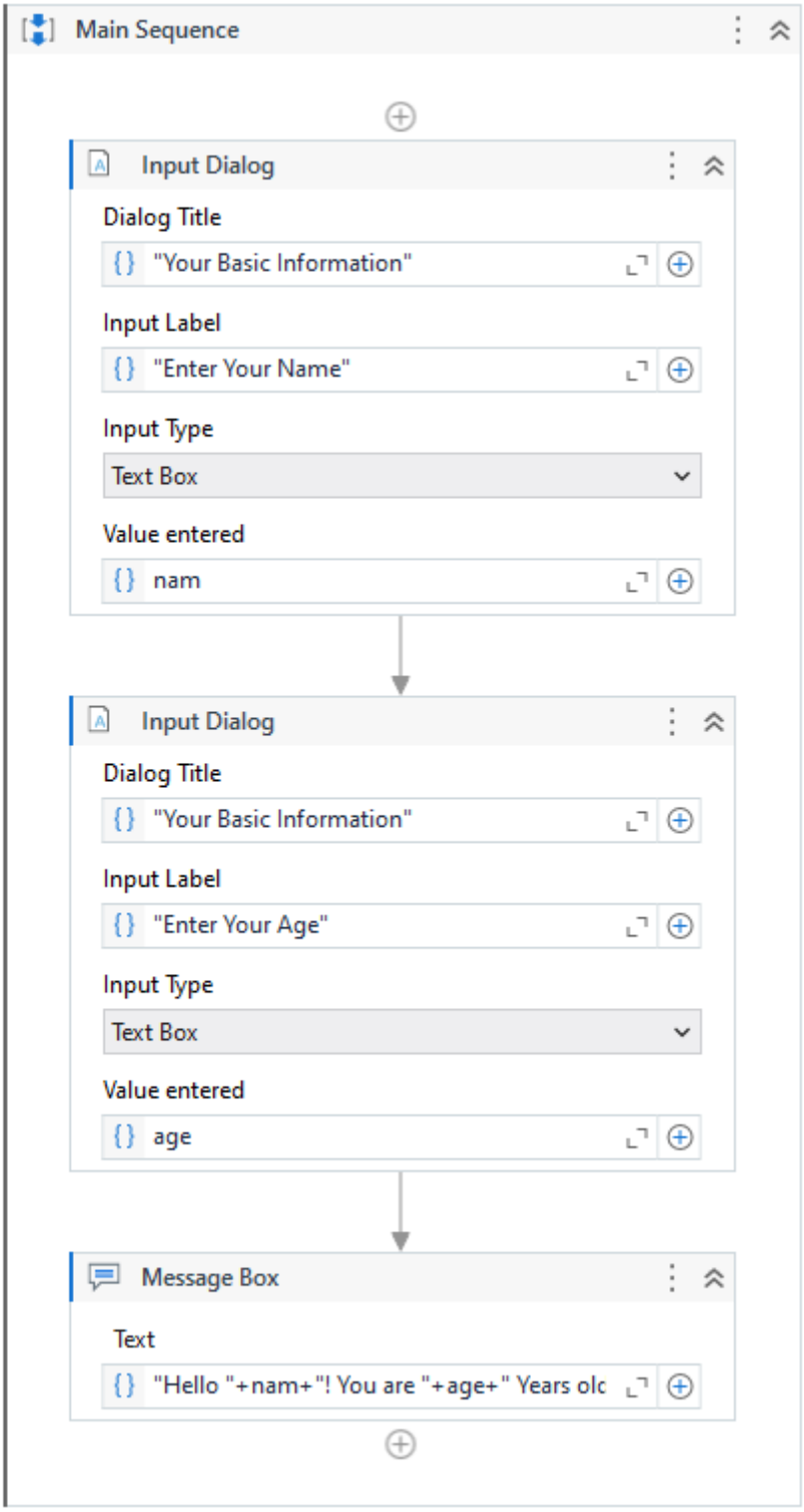
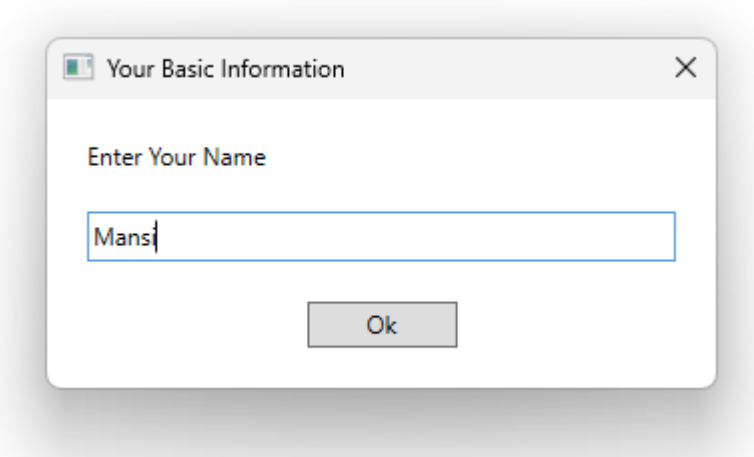
Practical I

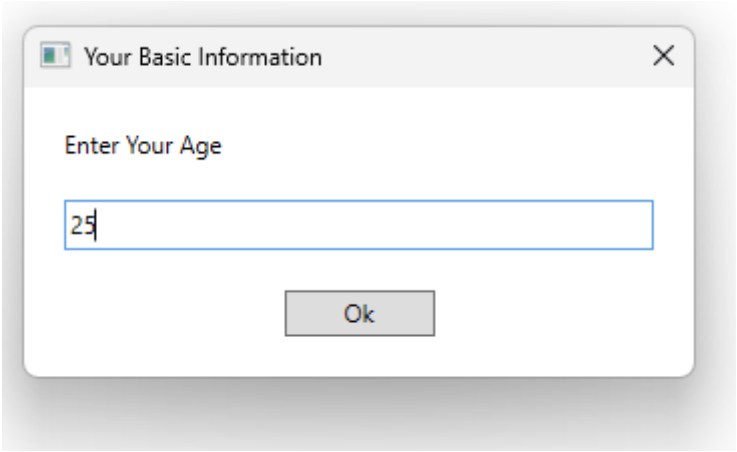
A.) Create a simple sequence-based project.

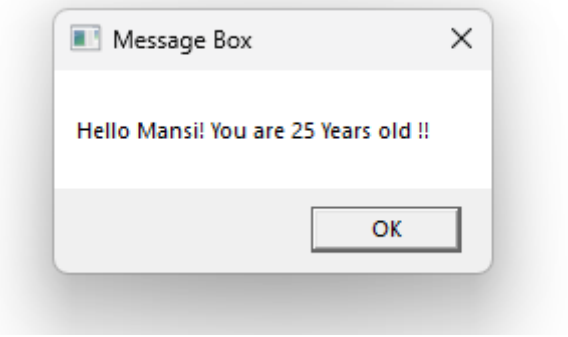
Code:



Output:



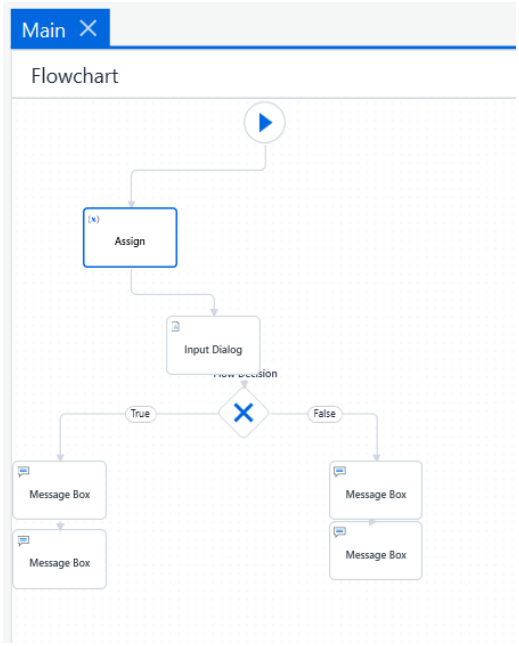


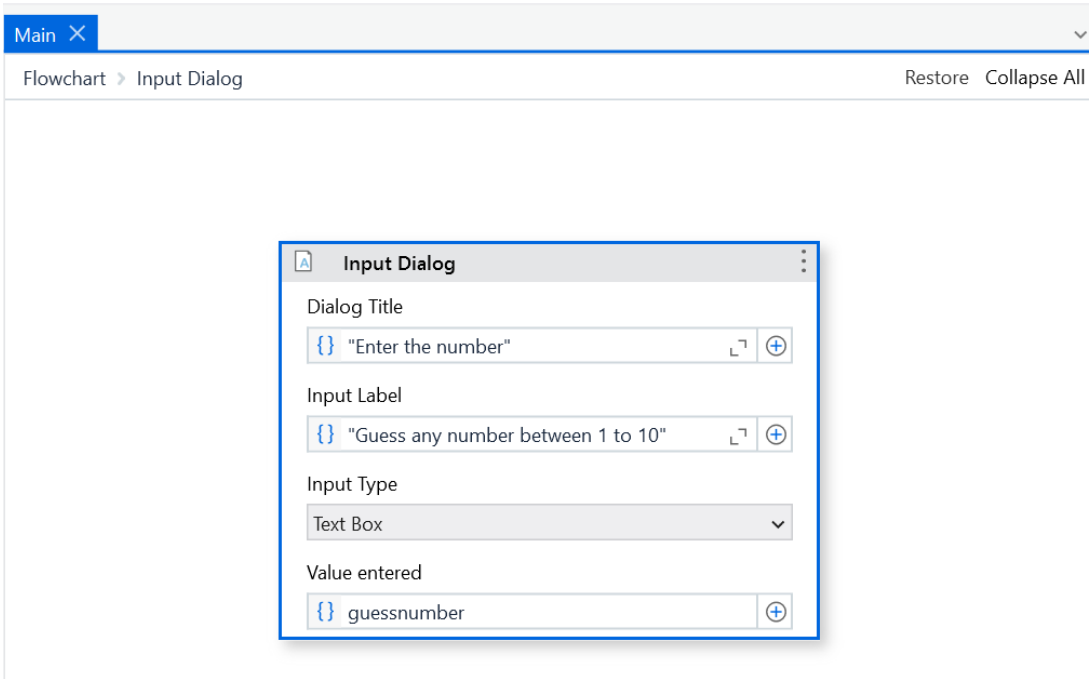


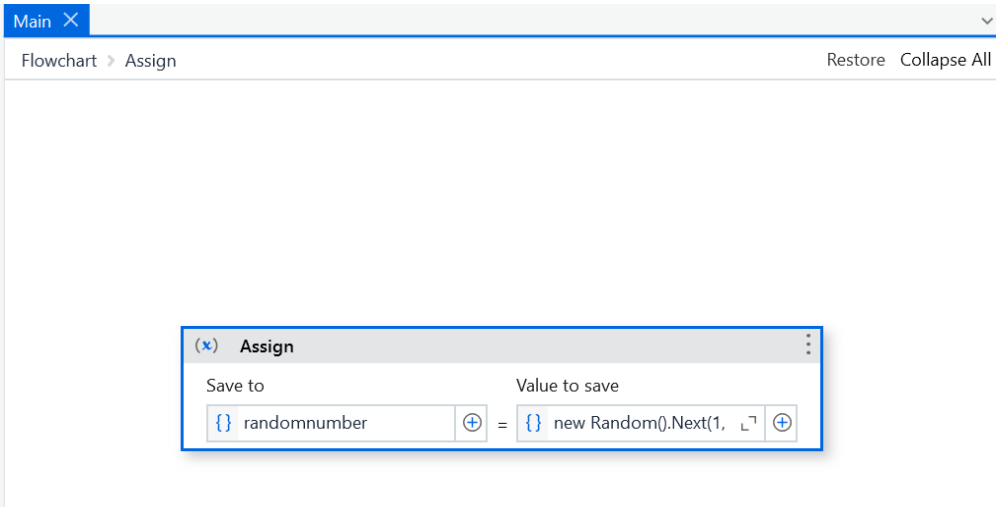
Practical I

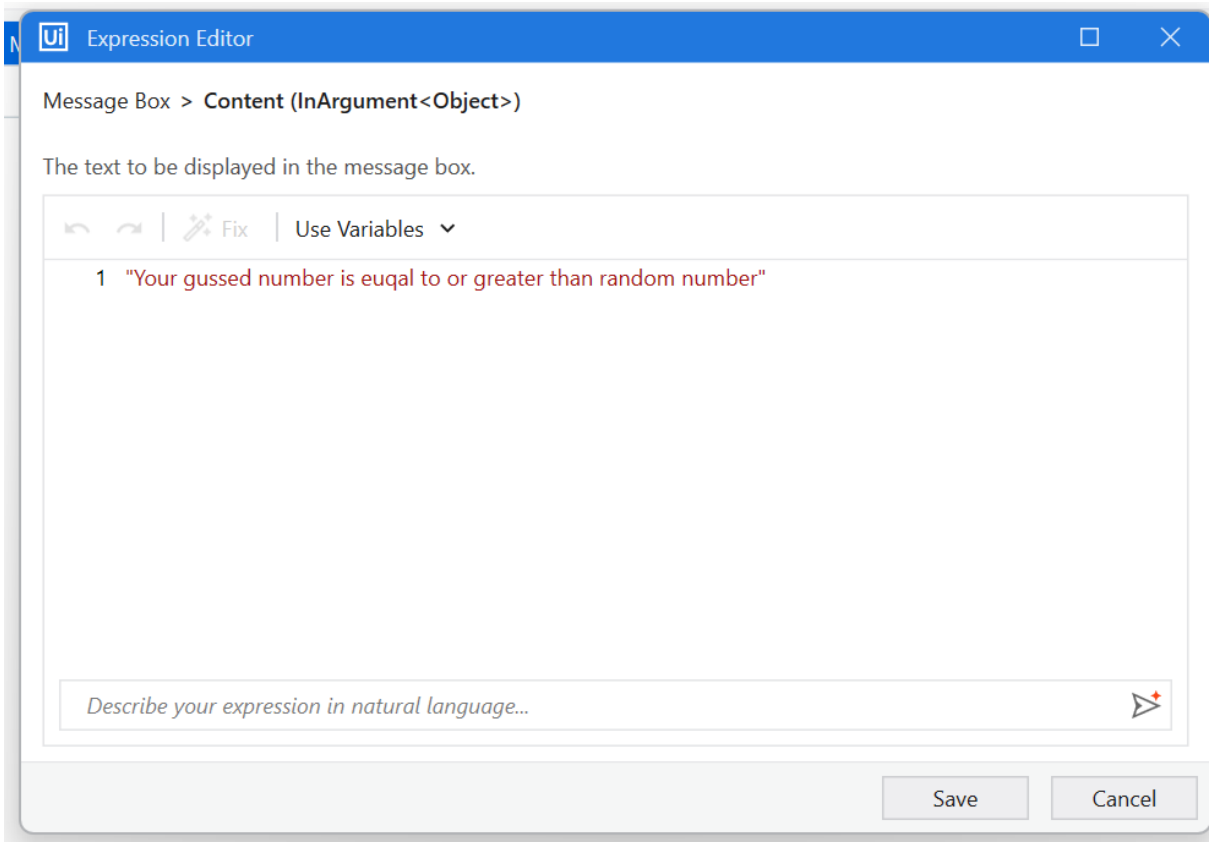
B.) Create a flowchart-based project.

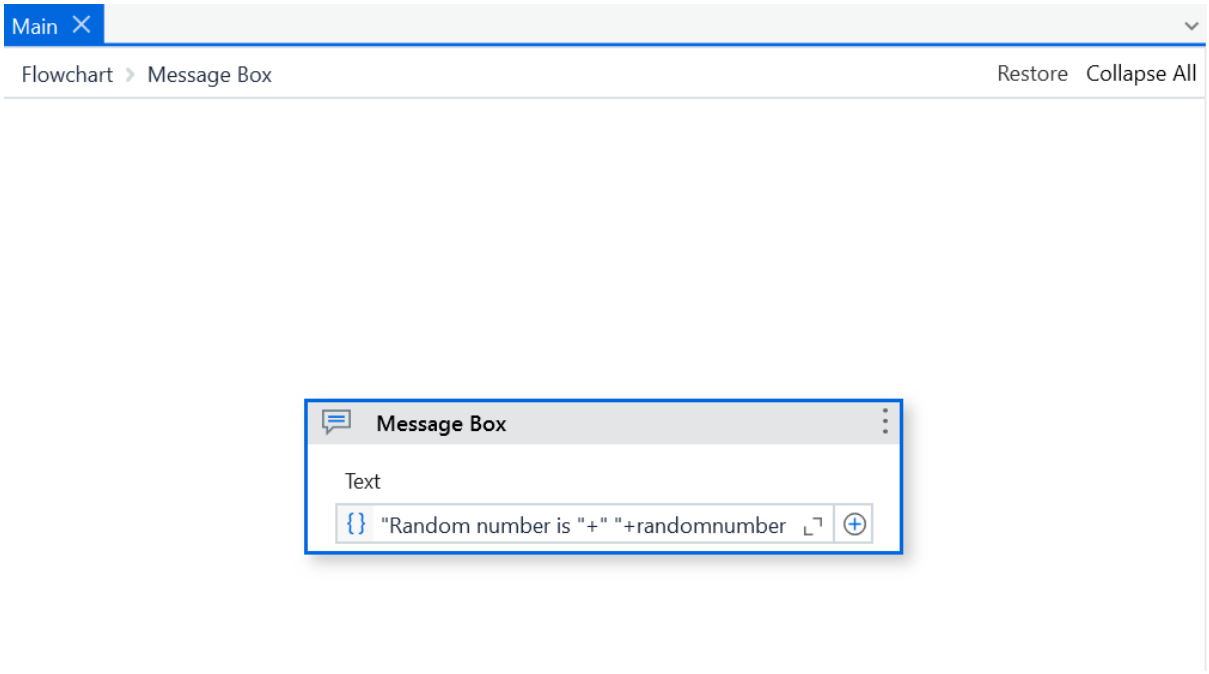
Code:


Main
Flowchart
Assign
Input Dialog
True
False
Message Box
Message Box
Message Box
Message Box

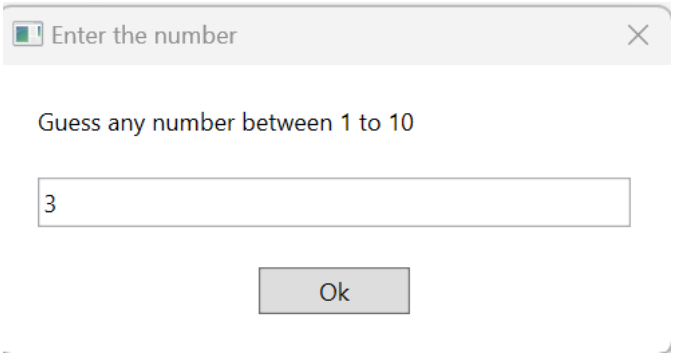

Main
Flowchart
Input Dialog
Restore
Collapse All
Input Dialog
Dialog Title
"Enter the number"
Input Label
"Guess any number between 1 to 10"
Input Type
Text Box
Value entered
guessnumber

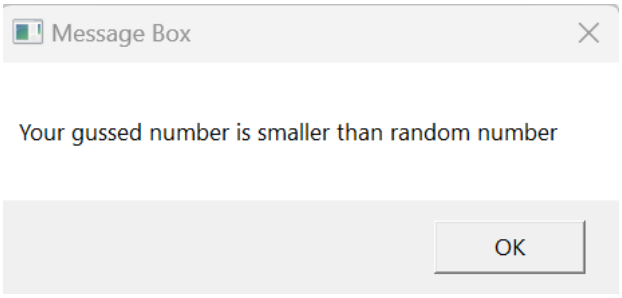

Main
Flowchart
Assign
Restore
Collapse All
Assign
Save to
randomnumber
=
Value to save
new Random().Next(1,

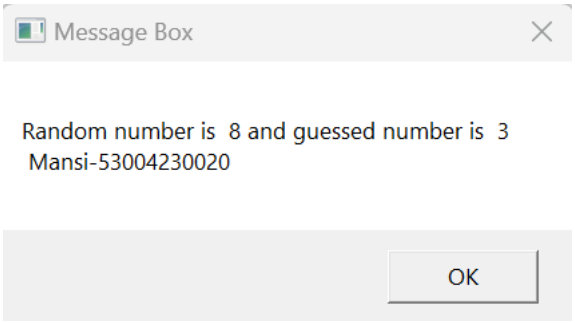

Expression Editor
Message Box > Content (InArgument<Object>)
The text to be displayed in the message box.
Fix
Use Variables
1 "Your gussed number is euqal to or greater than random number"
Describe your expression in natural language...
Save
Cancel


Main
Flowchart > Message Box
Restore
Collapse All
Message Box
Text
"Random number is "+" "+randomnumber

Output:



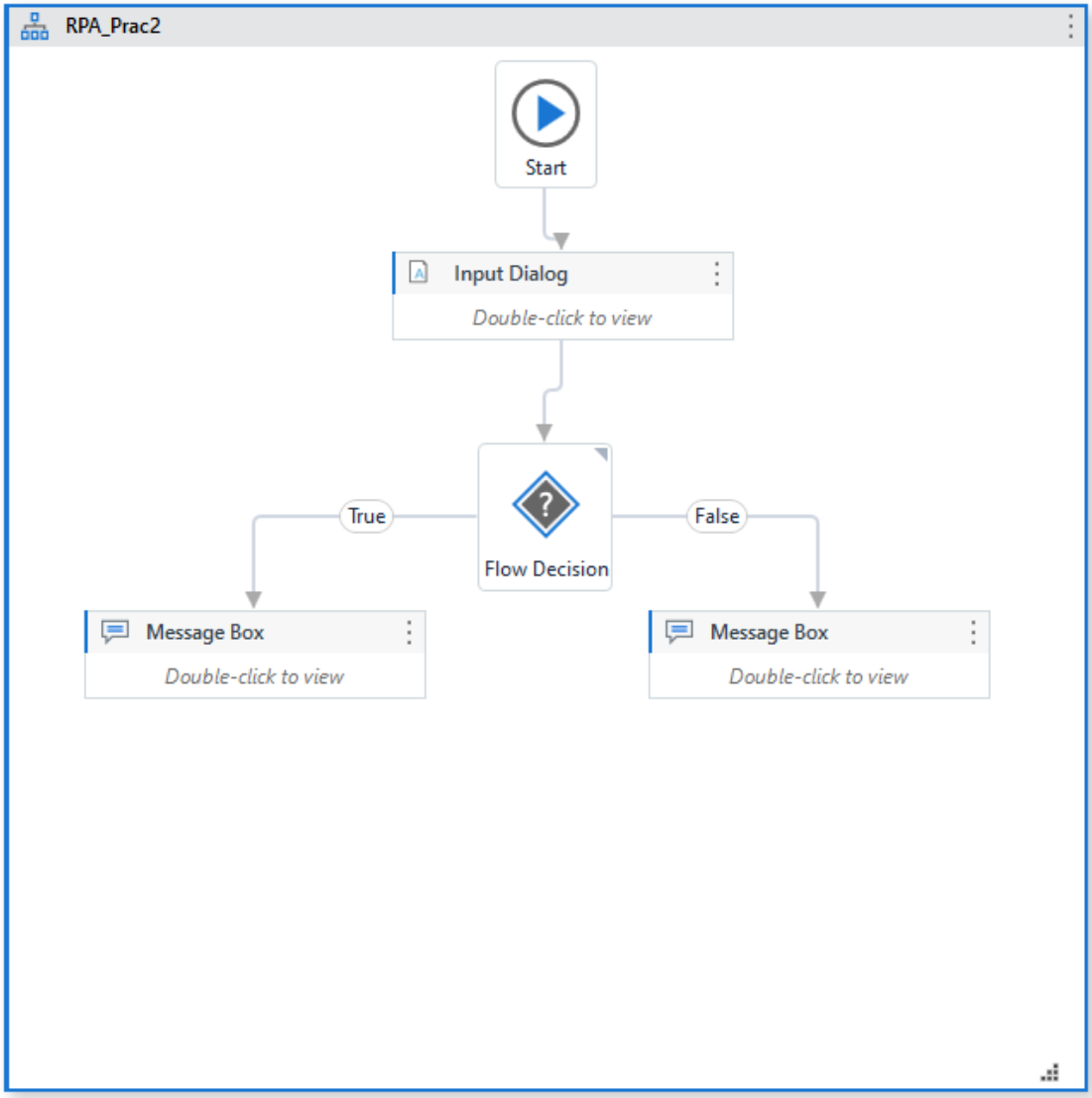




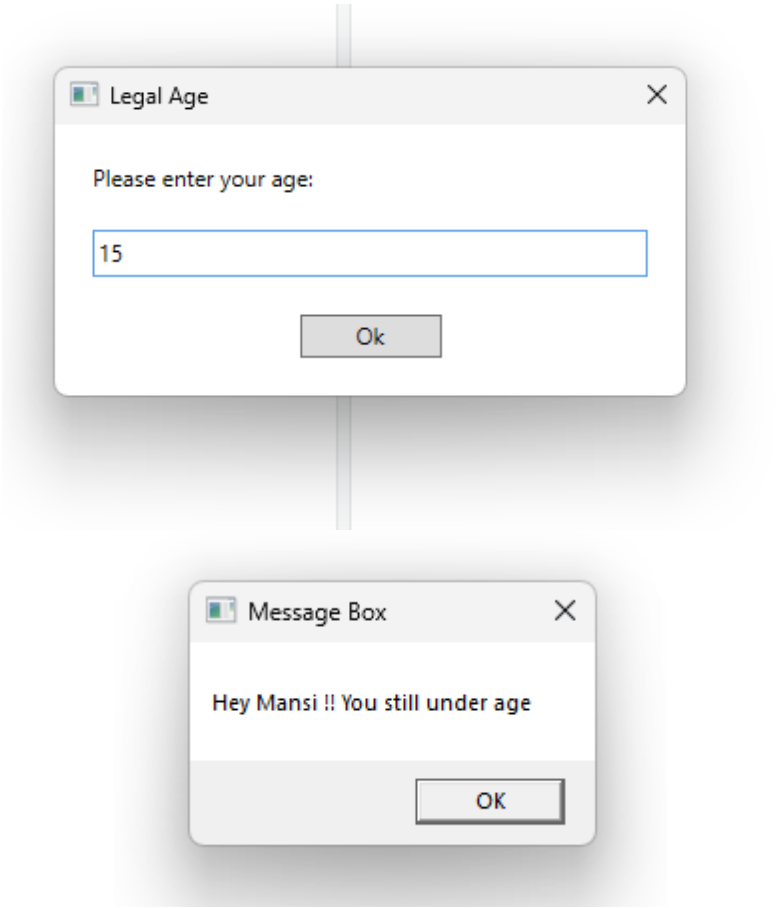
Practical I

a. **C.)** Create an automation UiPath Project using decision statements.

Code:


RPA_Prac2
Start
Input Dialog
Double-click to view
True
False
Flow Decision
Message Box
Double-click to view
Message Box
Double-click to view

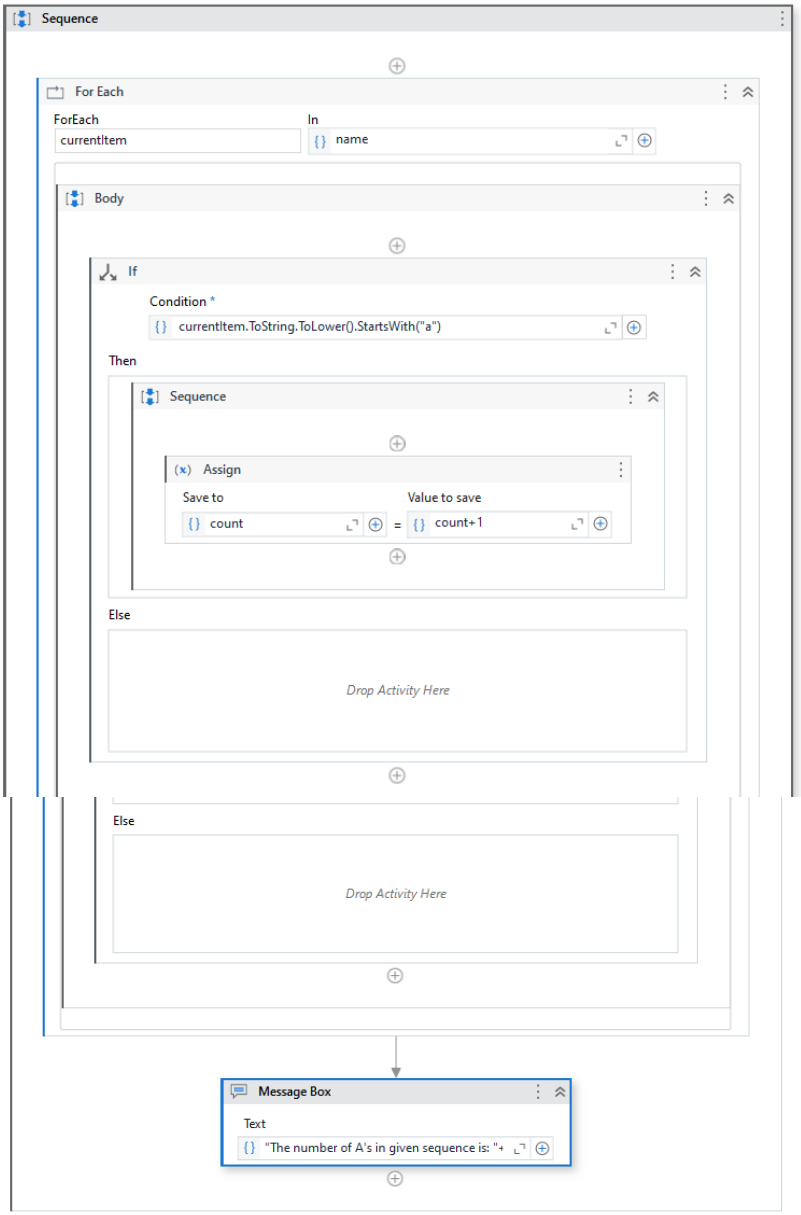
Output:



Practical I

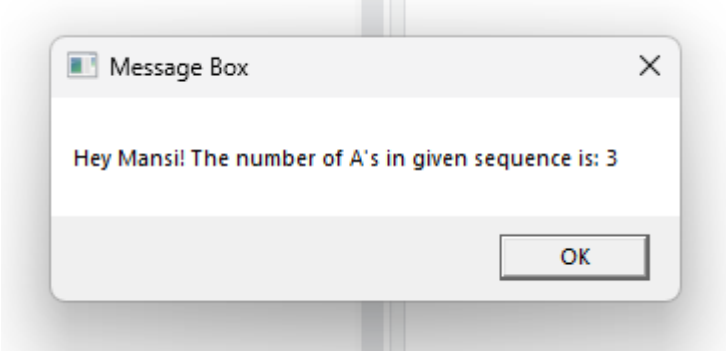
D.) Consider an array of names. We have to find out how many of them start with the letter "a". Create an automation where the number of names starting with "a" is counted and the result is displayed.

Code:



Name	Variable type	Scope	Default
name	String[]	Sequence	{"Anjali","America","Prachi","Anju","Mansi"}
count	Int32	Sequence	0
Create Variable			

Output:

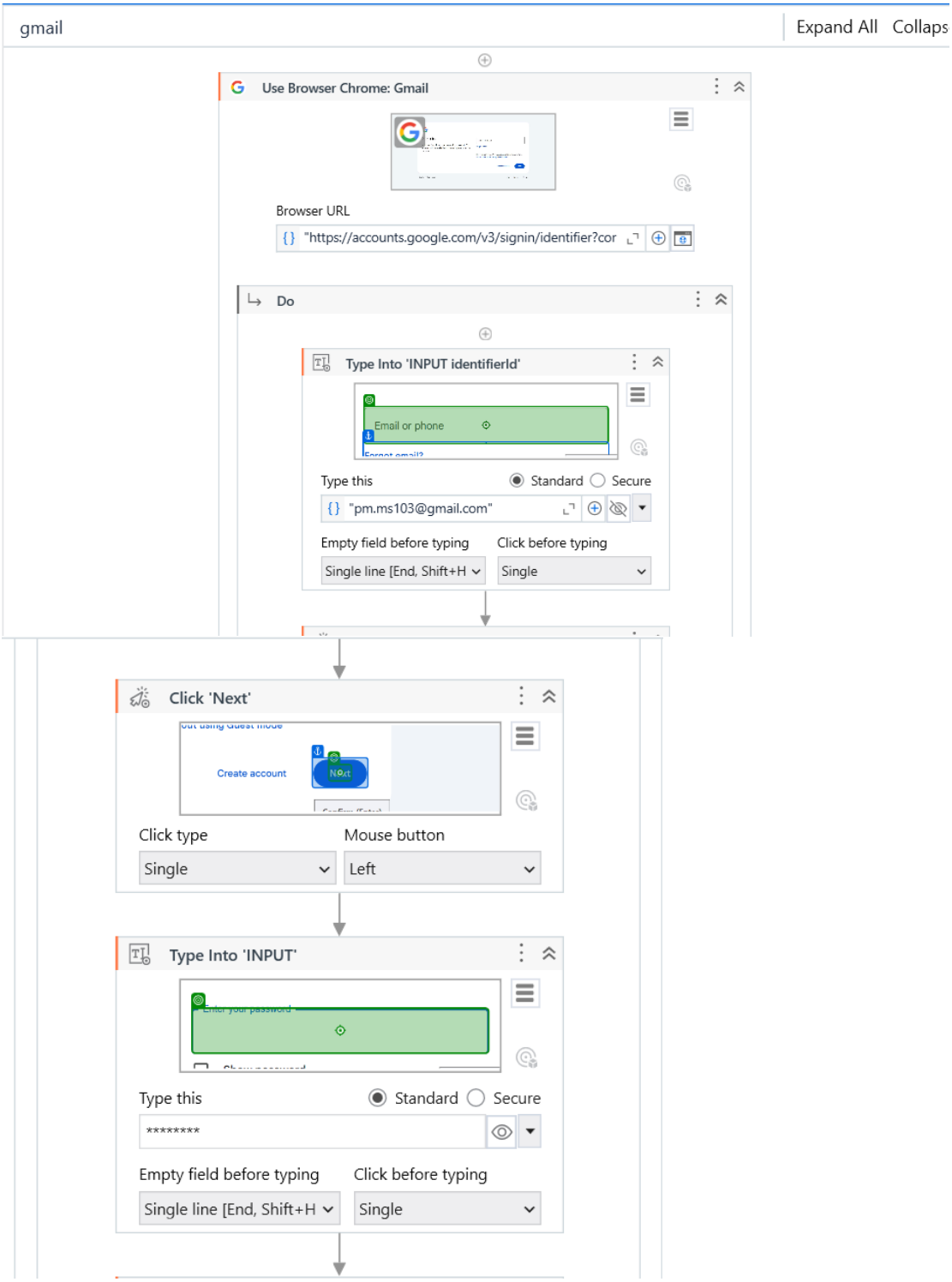


y.

Practical I

E.) Create an UiPath Robot which can empty a folder in Gmail solely on basis of recording.

Code:



Click 'Next'

Click type: Single

Mouse button: Left

Delay

Duration *

00h 00m 07.000s

Click 'DIV'

Click type: Single

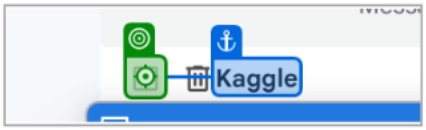
Mouse button: Left

Click 'Trash'

Click type: Single

Mouse button: Left

Click 'Kaggle'



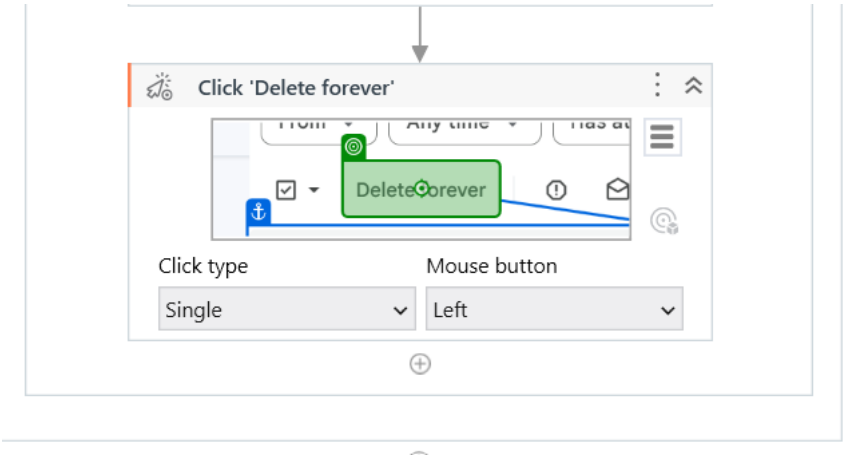
Click type: Single

Mouse button: Left

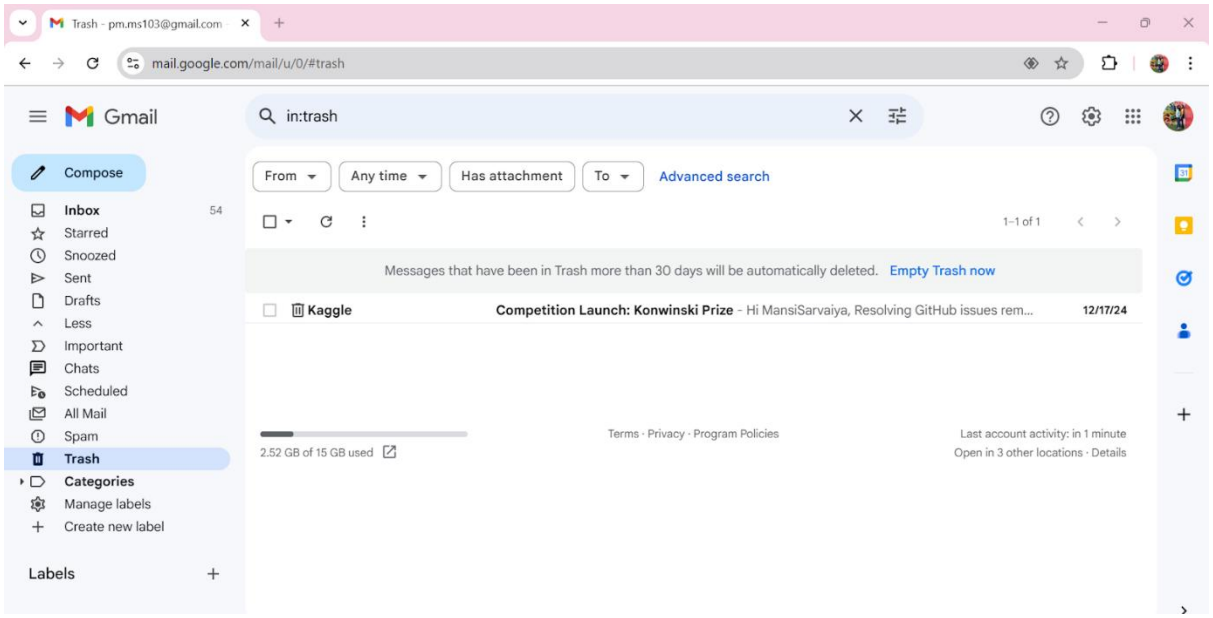
Delay

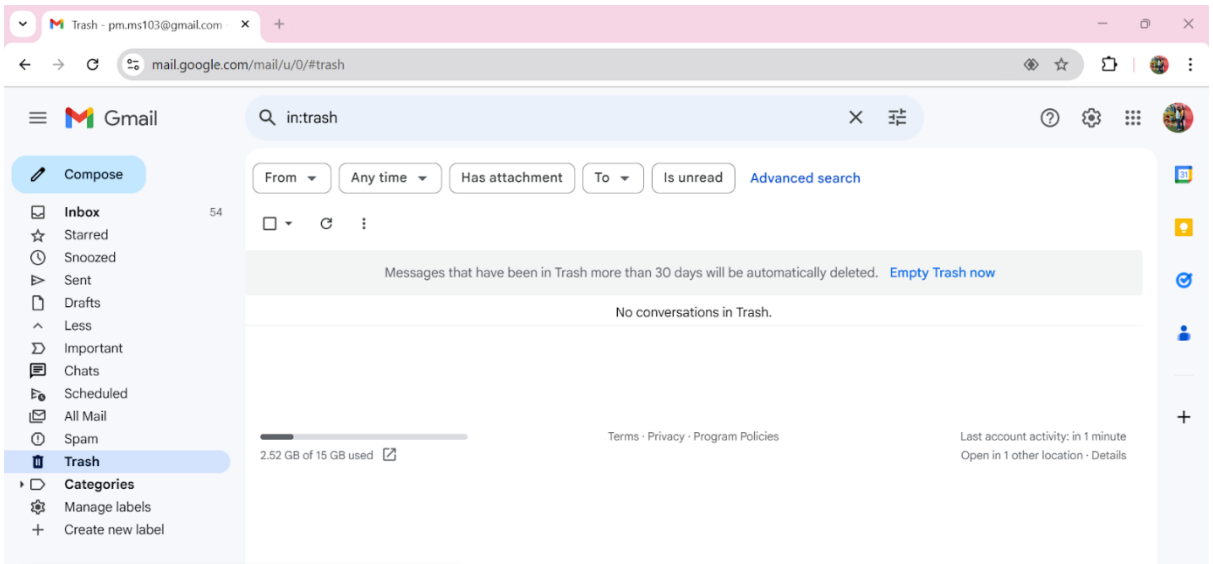
Duration *

00h 00m 09.000s


Click 'Delete forever'
Delete forever
Click type
Single
Mouse button
Left

Output:

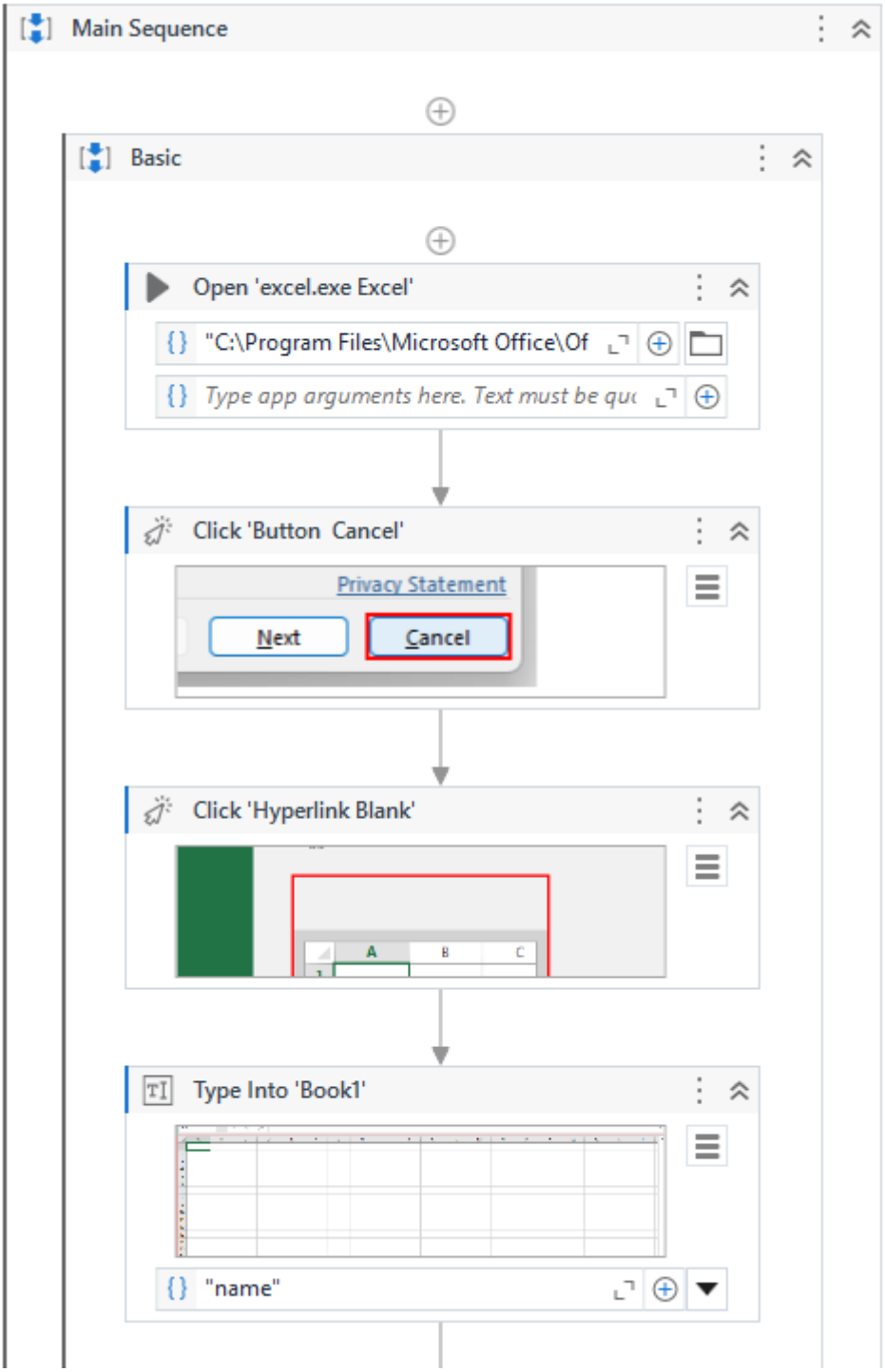

Trash - pm.ms103@gmail.com
mail.google.com/mail/u/0/#trash
Gmail
in:trash
Compose
Inbox 54
Starred
Snoozed
Sent
Drafts
Less
Important
Chats
Scheduled
All Mail
Spam
Trash
Categories
Manage labels
Create new label
Labels
From
Any time
Has attachment
To
Advanced search
1–1 of 1
Messages that have been in Trash more than 30 days will be automatically deleted. Empty Trash now
Kaggle
Competition Launch: Konwinski Prize - Hi MansiSarvaiya, Resolving GitHub issues rem...
12/17/24
2.52 GB of 15 GB used
Terms · Privacy · Program Policies
Last account activity: in 1 minute
Open in 3 other locations · Details

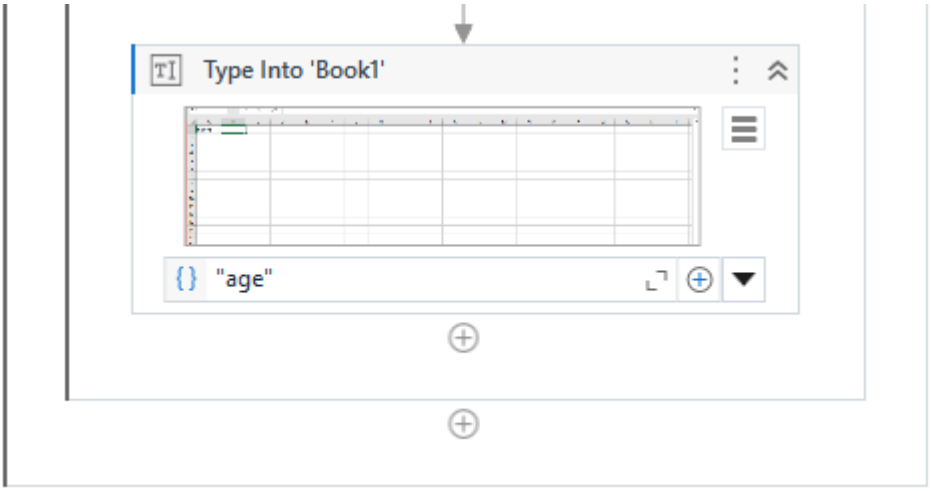

Trash - pm.ms103@gmail.com
mail.google.com/mail/u/0/#trash
Gmail
in:trash
Compose
Inbox 54
Starred
Snoozed
Sent
Drafts
Less
Important
Chats
Scheduled
All Mail
Spam
Trash
Categories
Manage labels
Create new label
From
Any time
Has attachment
To
Is unread
Advanced search
Messages that have been in Trash more than 30 days will be automatically deleted. Empty Trash now
No conversations in Trash.
2.52 GB of 15 GB used
Terms · Privacy · Program Policies
Last account activity: in 1 minute
Open in 1 other location · Details

Practical I

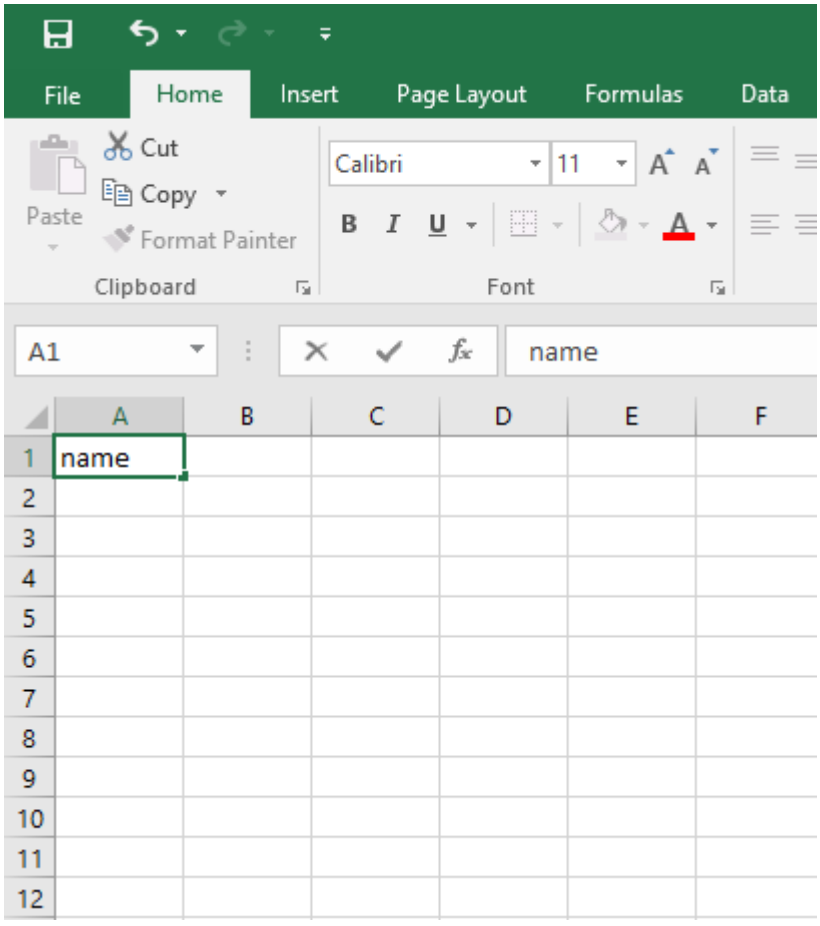
F.) Automate any process using basic recording.

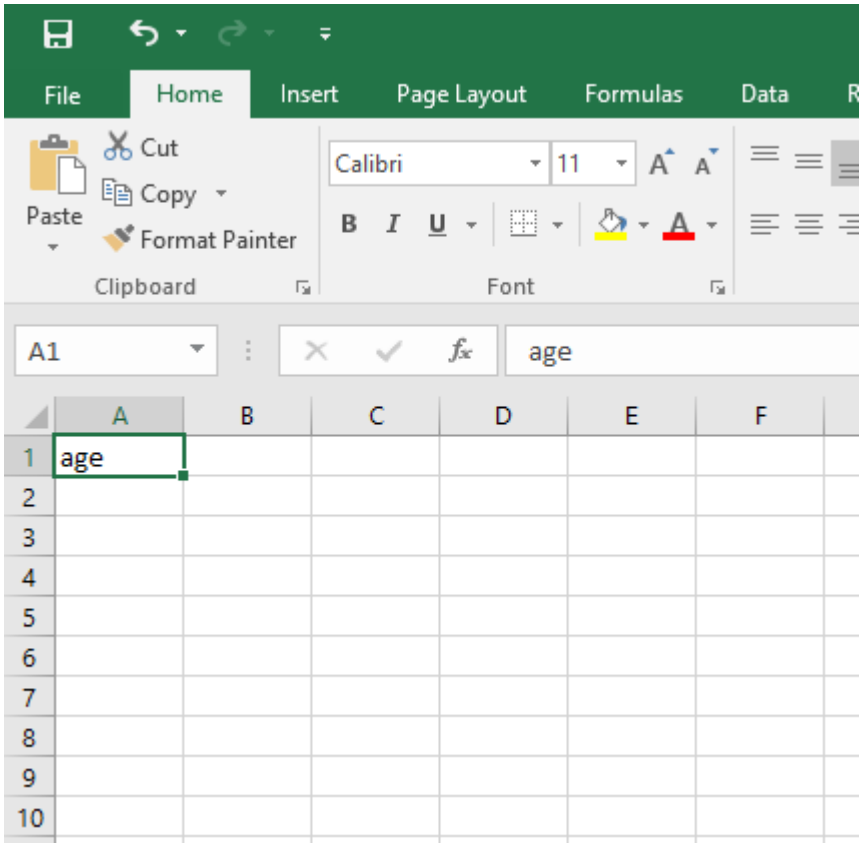
Code:




Type Into 'Book1'
"age"

Output:

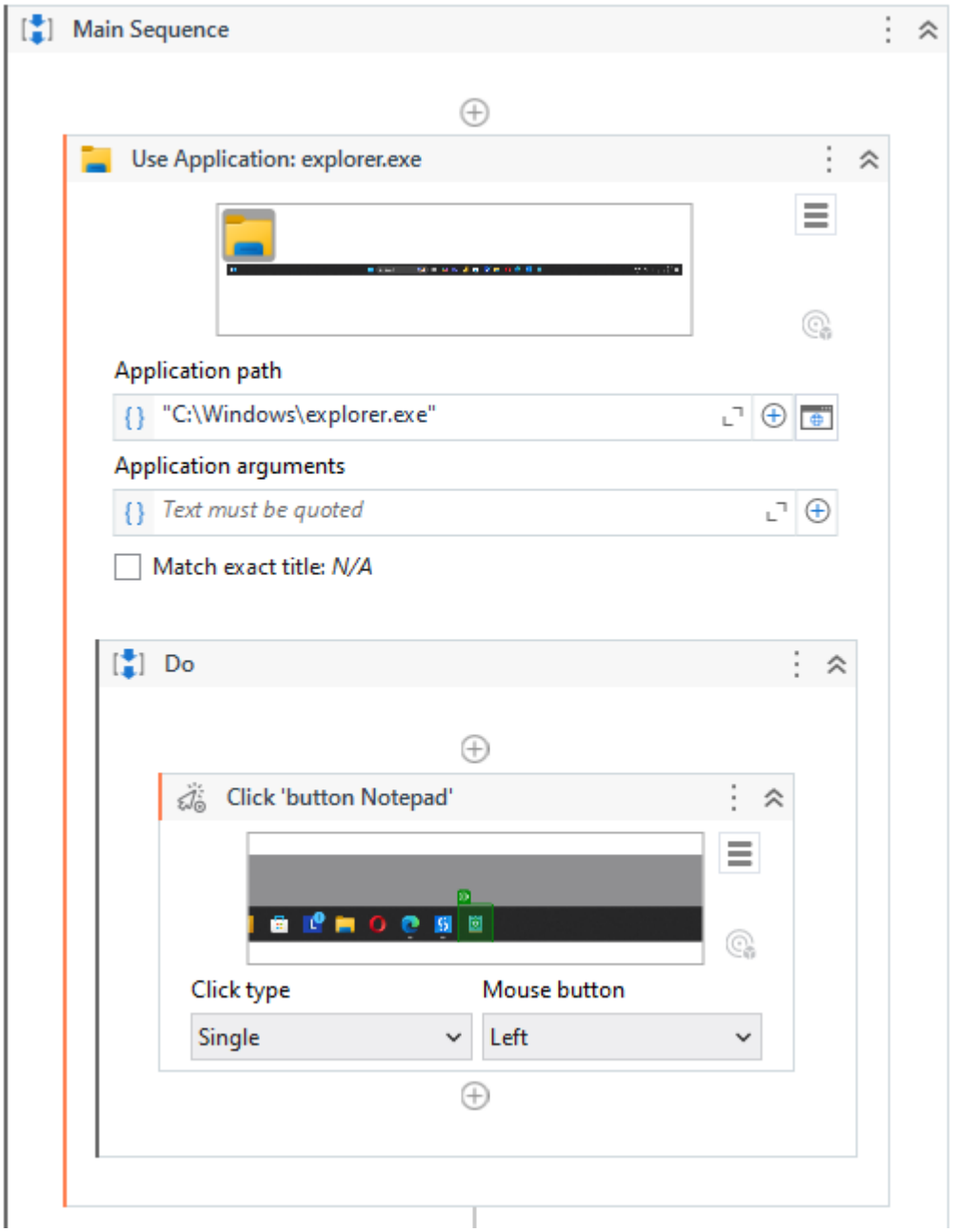

File
Home
Insert
Page Layout
Formulas
Data
Cut
Copy
Format Painter
Paste
Clipboard
Calibri
11
Font
A1
name
A
B
C
D
E
F
1
name
2
3
4
5
6
7
8
9
10
11
12

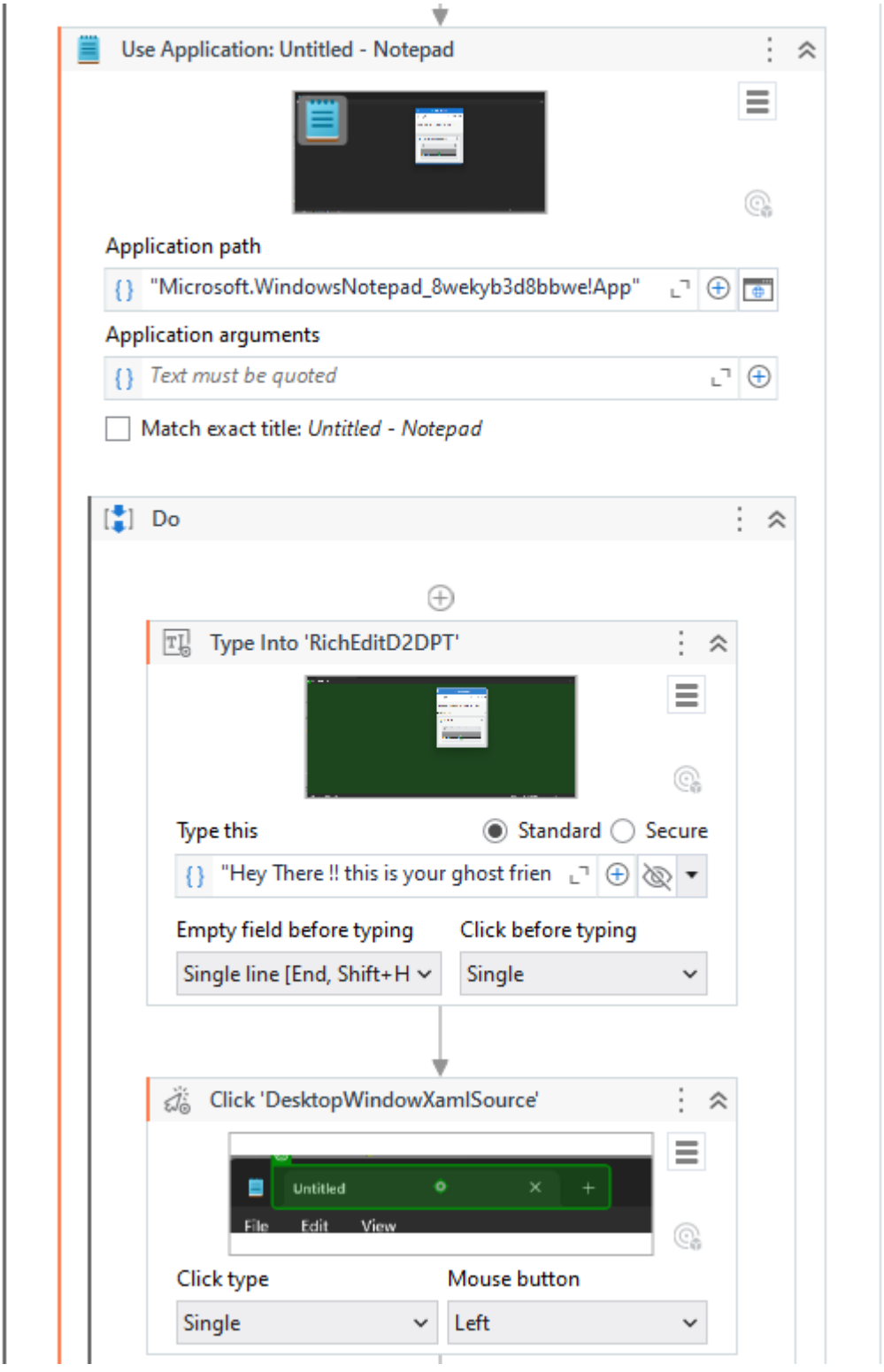


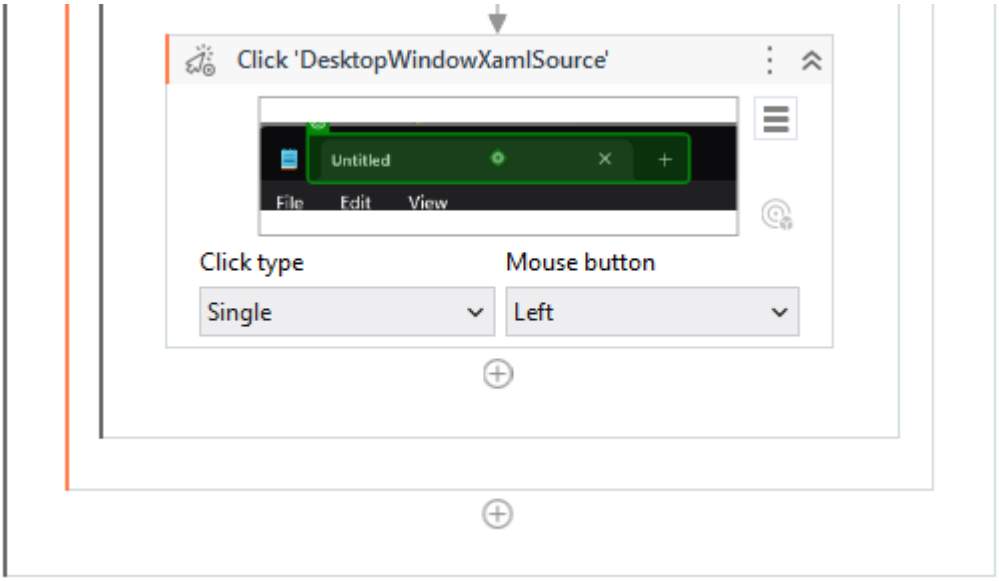
Practical I

G.) Automate any process using desktop recording.

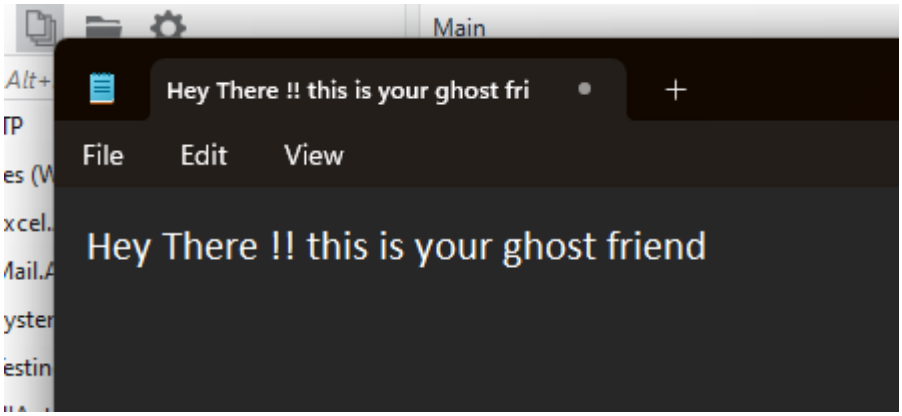
Code:


Main Sequence
Use Application: explorer.exe
Application path
"C:\Windows\explorer.exe"
Application arguments
Text must be quoted
Match exact title: N/A
Do
Click 'button Notepad'
Click type
Mouse button
Single
Left


Use Application: Untitled - Notepad
Application path
"Microsoft.WindowsNotepad_8wekyb3d8bbwe!App"
Application arguments
Text must be quoted
Match exact title: Untitled - Notepad
Do
Type Into 'RichEditD2DPT'
Type this
Standard
Secure
"Hey There !! this is your ghost frien
Empty field before typing
Click before typing
Single line [End, Shift+H
Single
Click 'DesktopWindowXamlSource'
Untitled
File
Edit
View
Click type
Mouse button
Single
Left



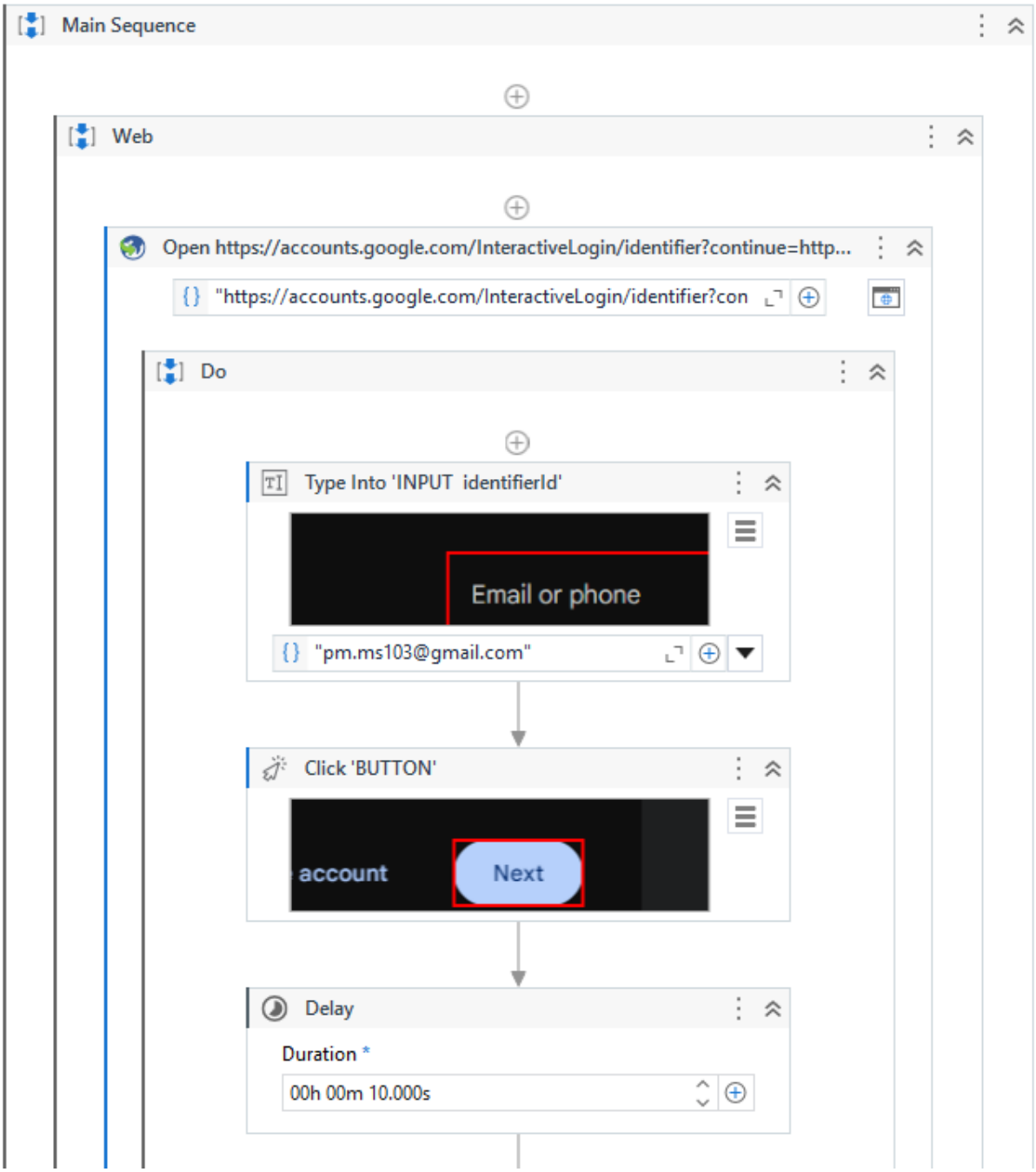
Output:

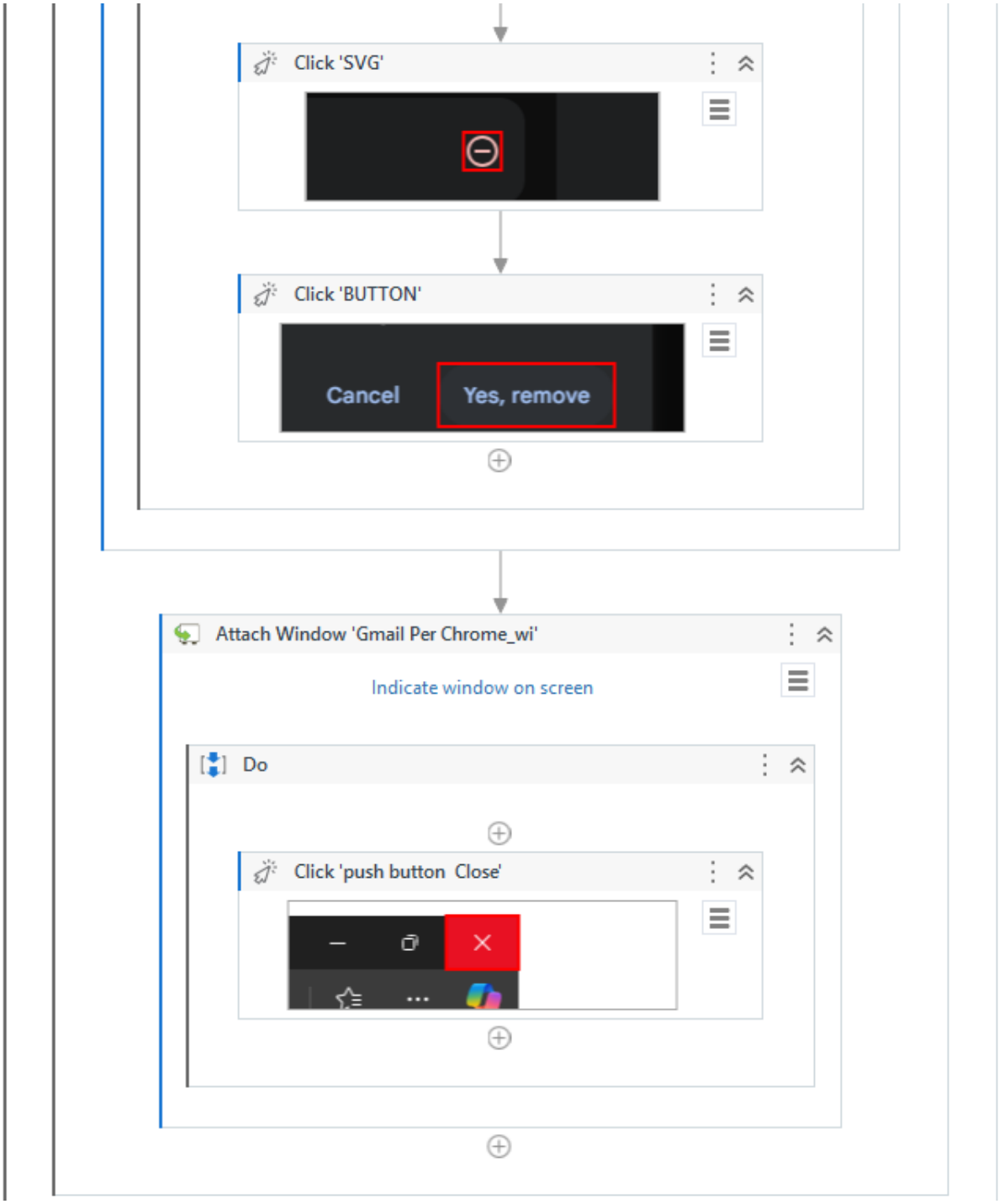


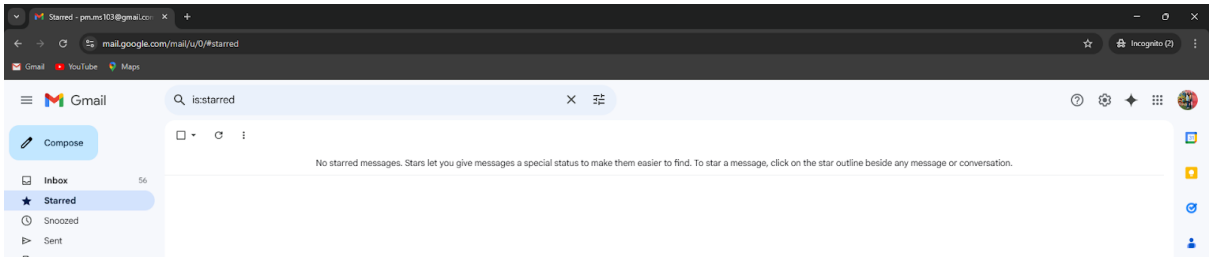
Practical I

H.) Automate any process using web recording.

Code:


Main Sequence
Web
Open https://accounts.google.com/InteractiveLogin/identifier?continue=http...
"https://accounts.google.com/InteractiveLogin/identifier?con
Do
Type Into 'INPUT identifierId'
Email or phone
"pm.ms103@gmail.com"
Click 'BUTTON'
account
Next
Delay
Duration *
00h 00m 10.000s

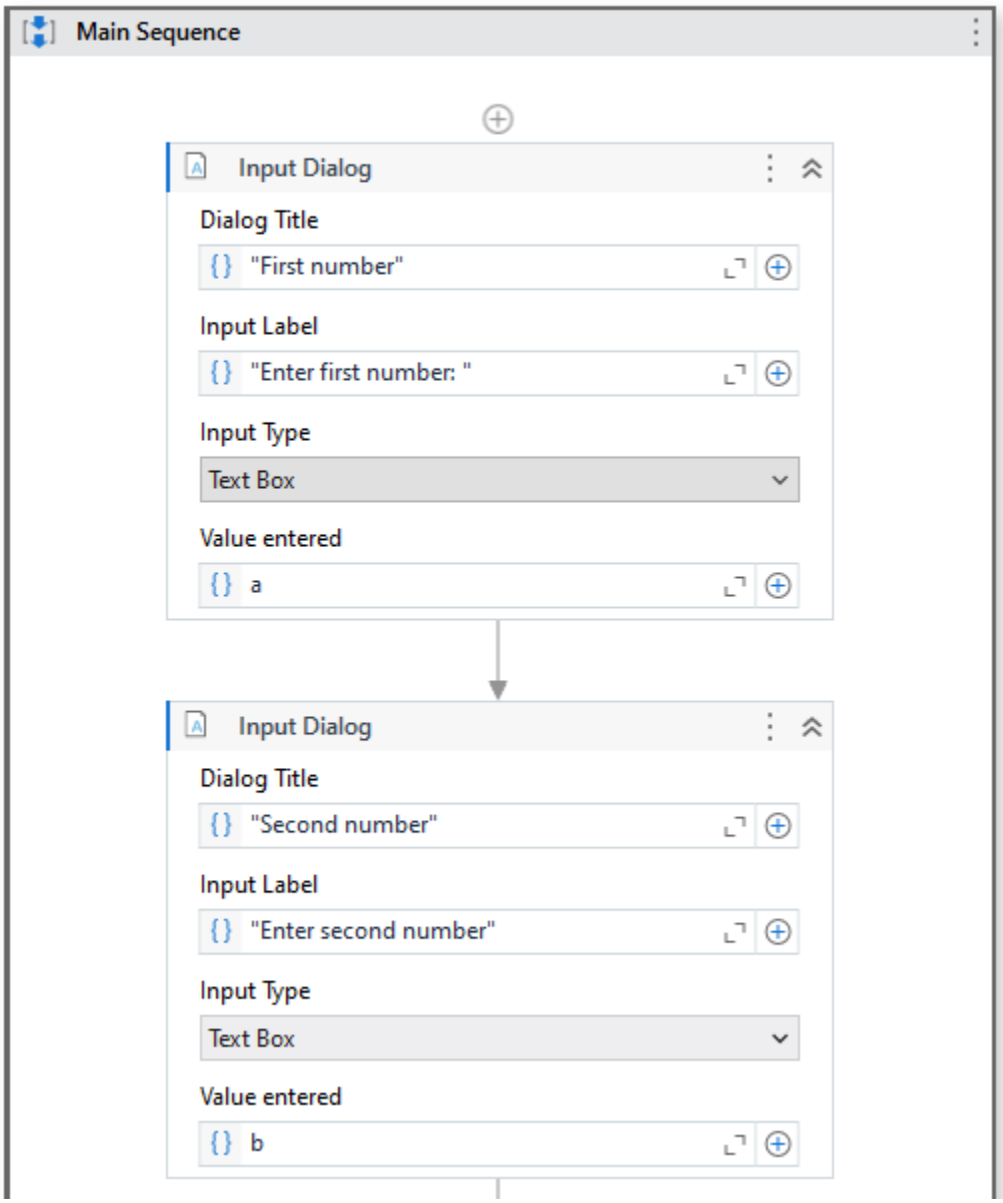


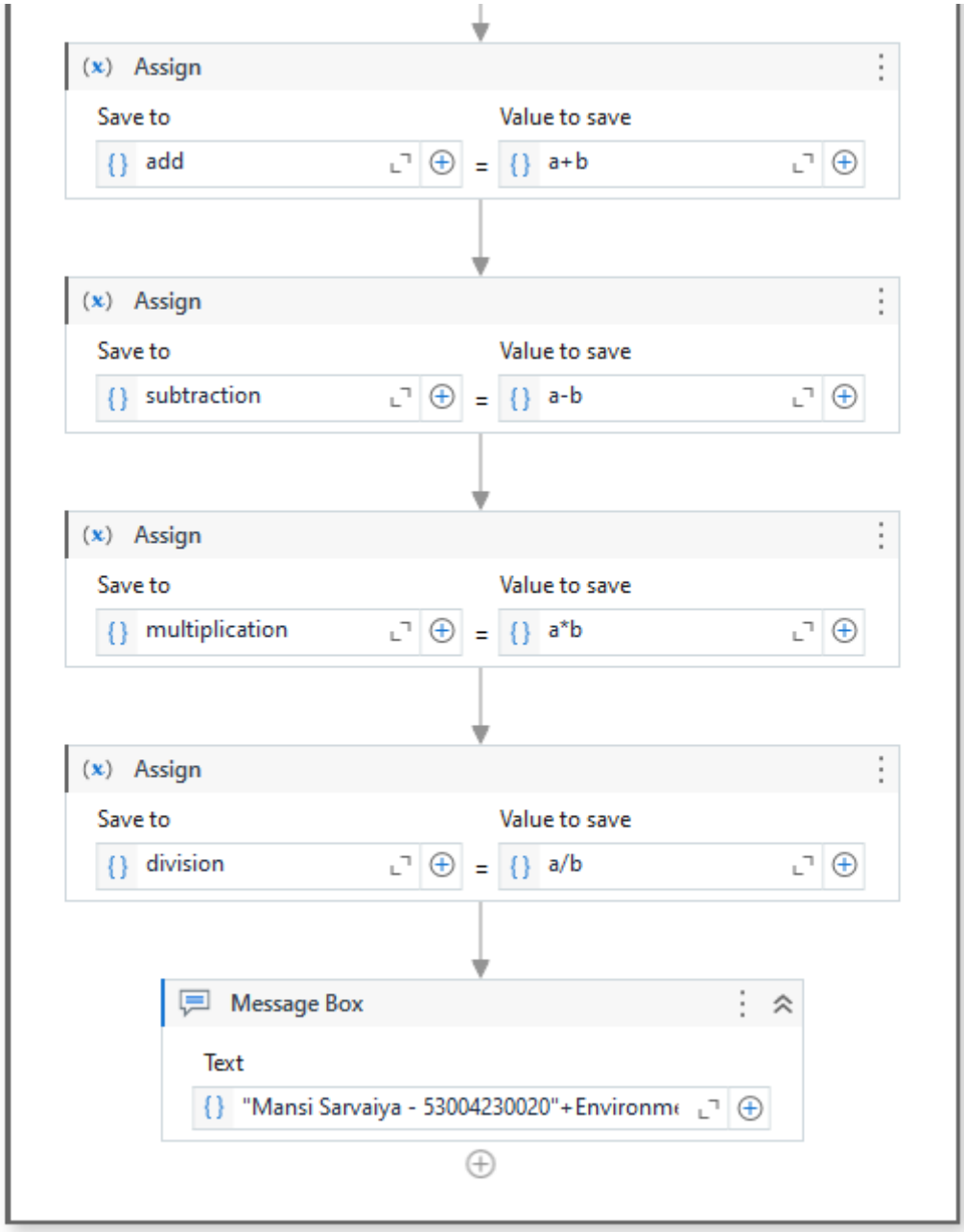


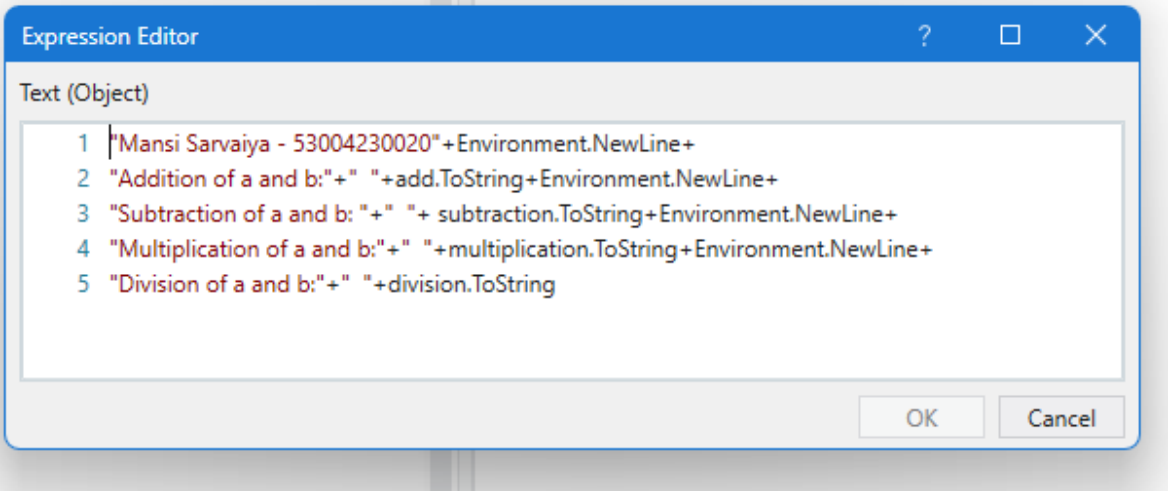
Practical II

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

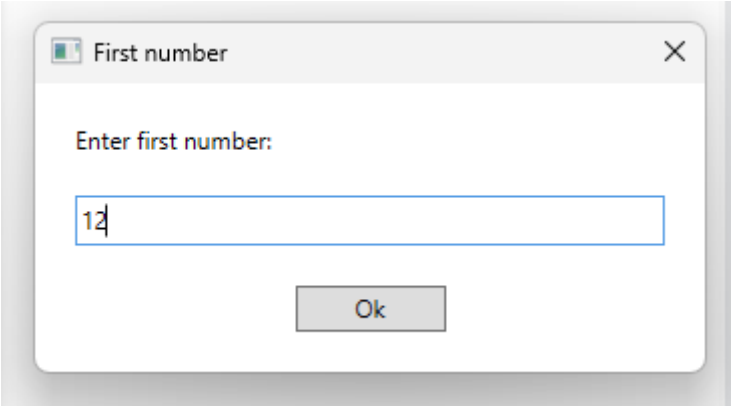
Code:

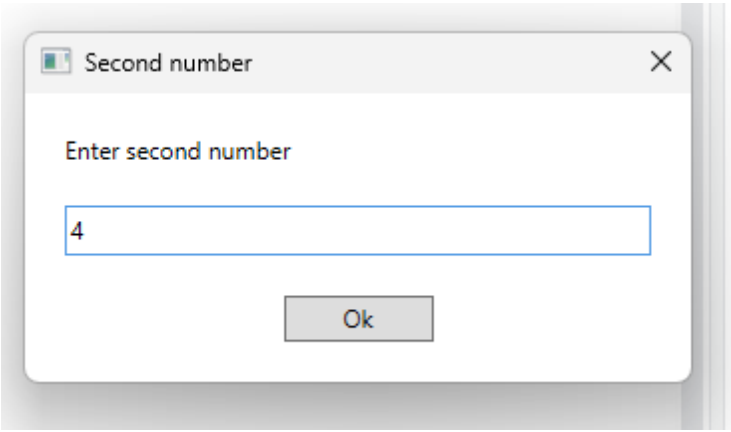


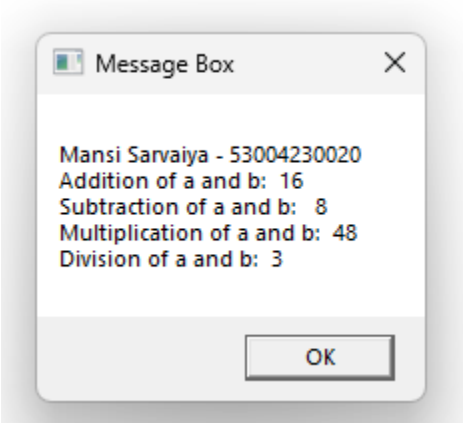

Assign
Save to
Value to save
add
a+b
Assign
Save to
Value to save
subtraction
a-b
Assign
Save to
Value to save
multiplication
a*b
Assign
Save to
Value to save
division
a/b
Message Box
Text
"Mansi Sarvaiya - 53004230020"+Environm


Expression Editor
Text (Object)
1 "Mansi Sarvaiya - 53004230020"+Environment.NewLine+
2 "Addition of a and b:"+ "+add.ToString+Environment.NewLine+
3 "Subtraction of a and b: "+ "+ subtraction.ToString+Environment.NewLine+
4 "Multiplication of a and b:"+ "+multiplication.ToString+Environment.NewLine+
5 "Division of a and b:"+ "+division.ToString
OK
Cancel

Output:



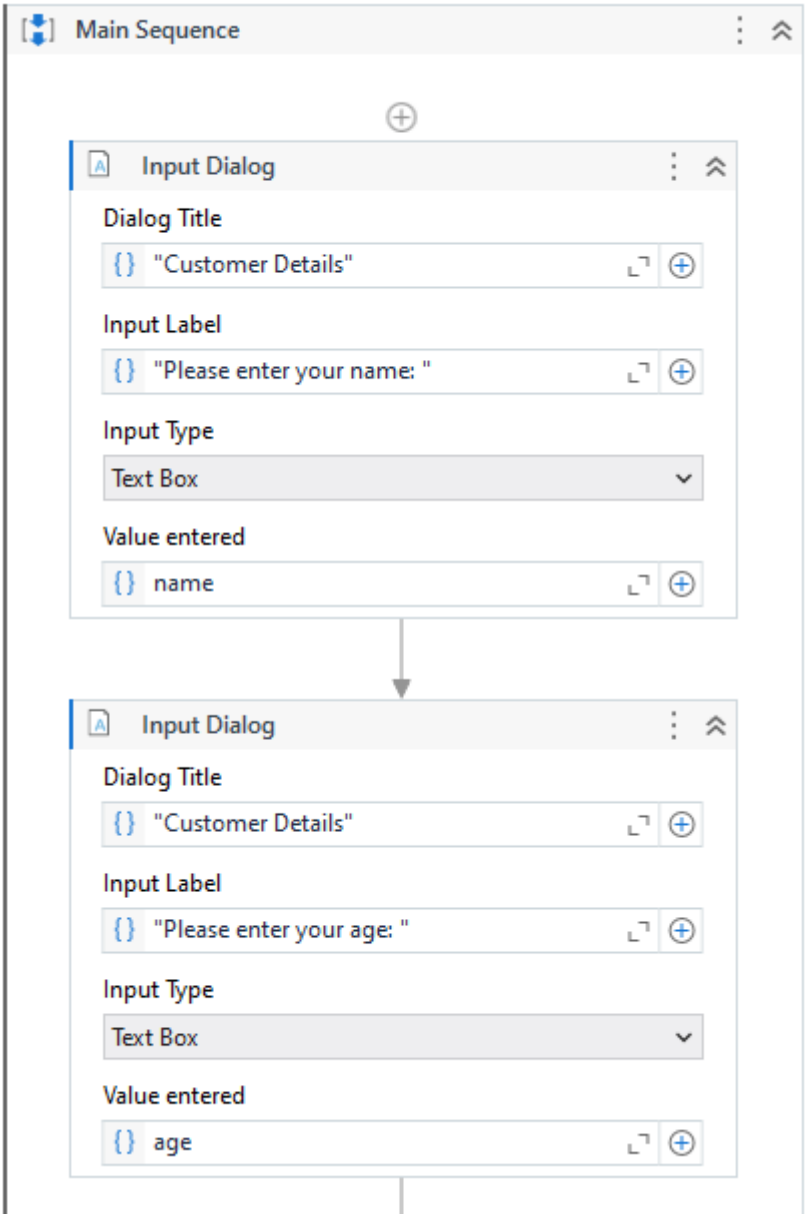


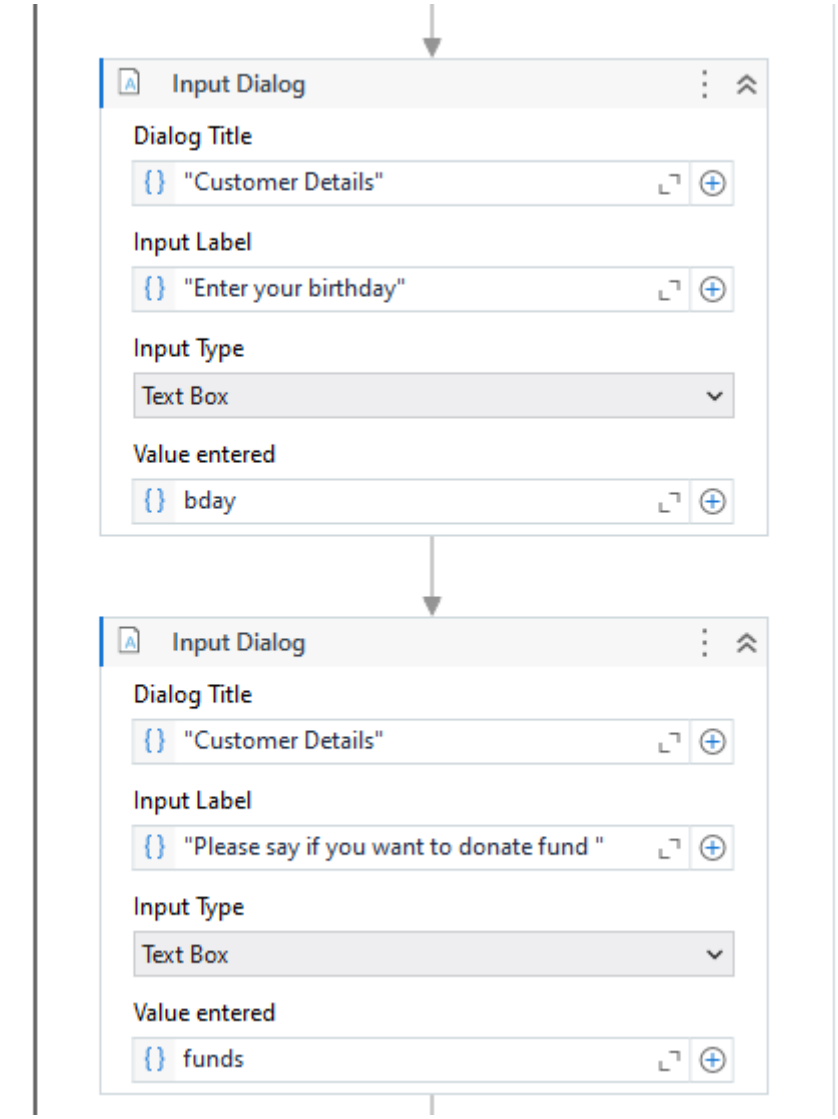


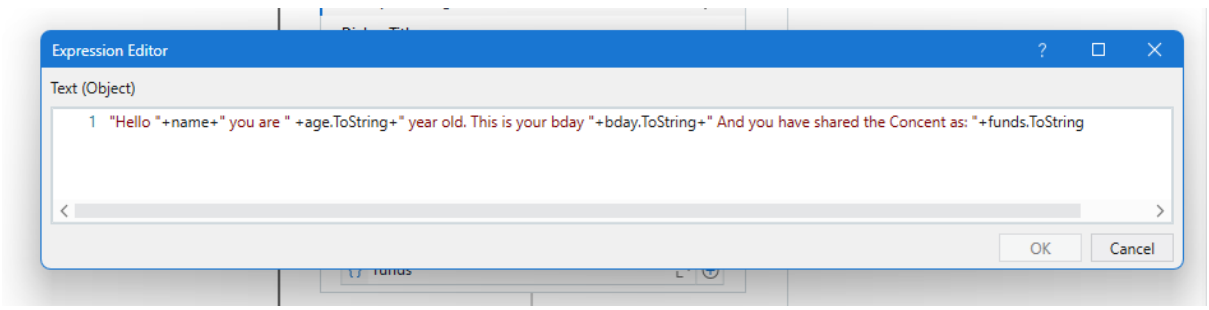
Practical II

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

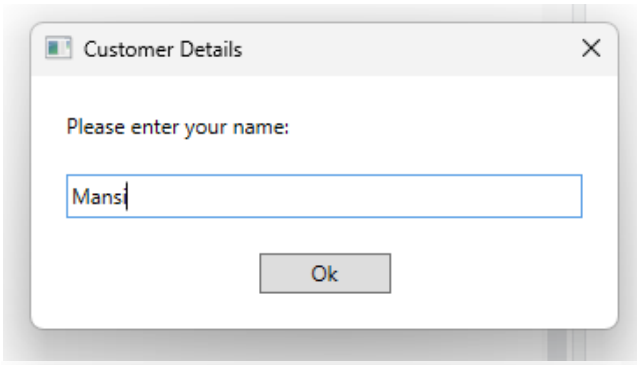
Code:

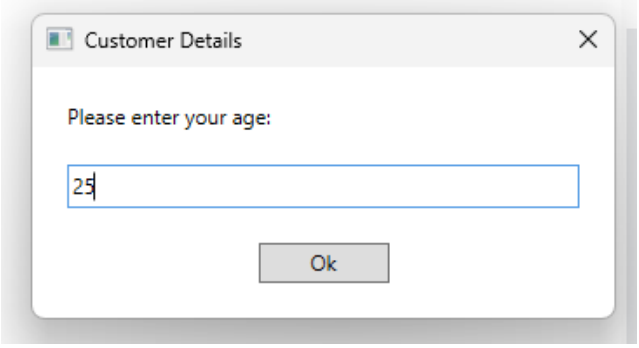

Main Sequence
Input Dialog
Dialog Title
"Customer Details"
Input Label
"Please enter your name: "
Input Type
Text Box
Value entered
name
Input Dialog
Dialog Title
"Customer Details"
Input Label
"Please enter your age: "
Input Type
Text Box
Value entered
age

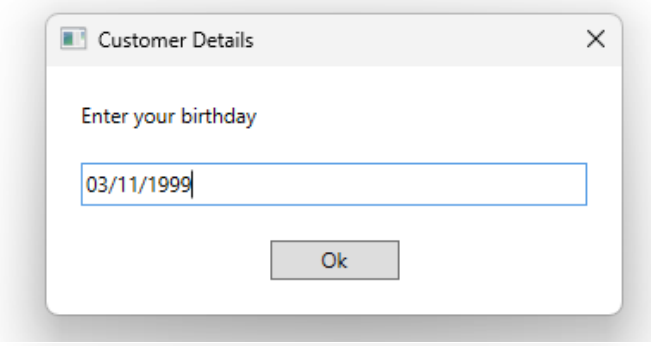

Input Dialog
Dialog Title
"Customer Details"
Input Label
"Enter your birthday"
Input Type
Text Box
Value entered
bday
Input Dialog
Dialog Title
"Customer Details"
Input Label
"Please say if you want to donate fund "
Input Type
Text Box
Value entered
funds
Message Box
Text
"Hello "+name+" you are " +age.ToString+

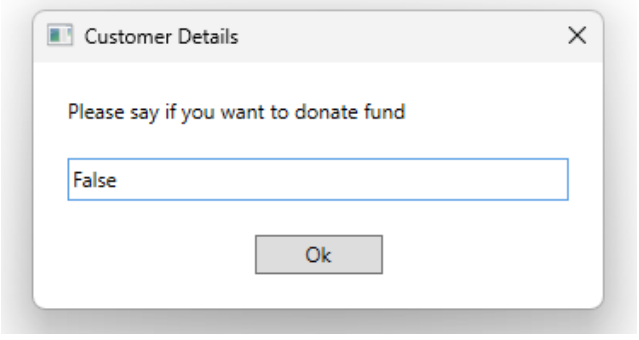

Expression Editor
Text (Object)
1 "Hello "+name+" you are " +age.ToString+" year old. This is your bday "+bday.ToString+" And you have shared the Concent as: "+funds.ToString
OK
Cancel

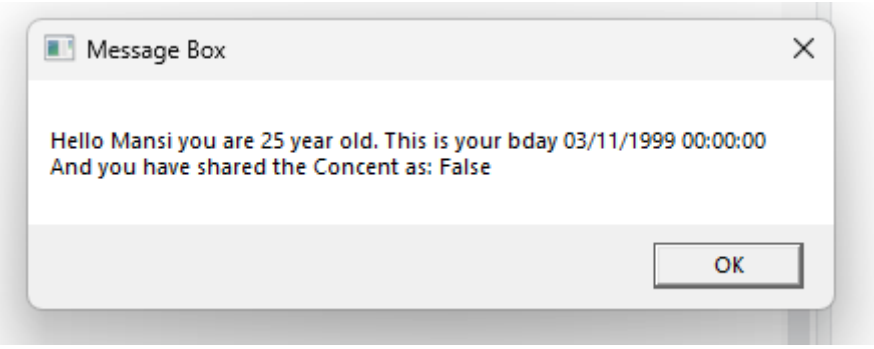
Output:


Customer Details
Please enter your name:
Mansi
Ok


Customer Details
Please enter your age:
25
Ok

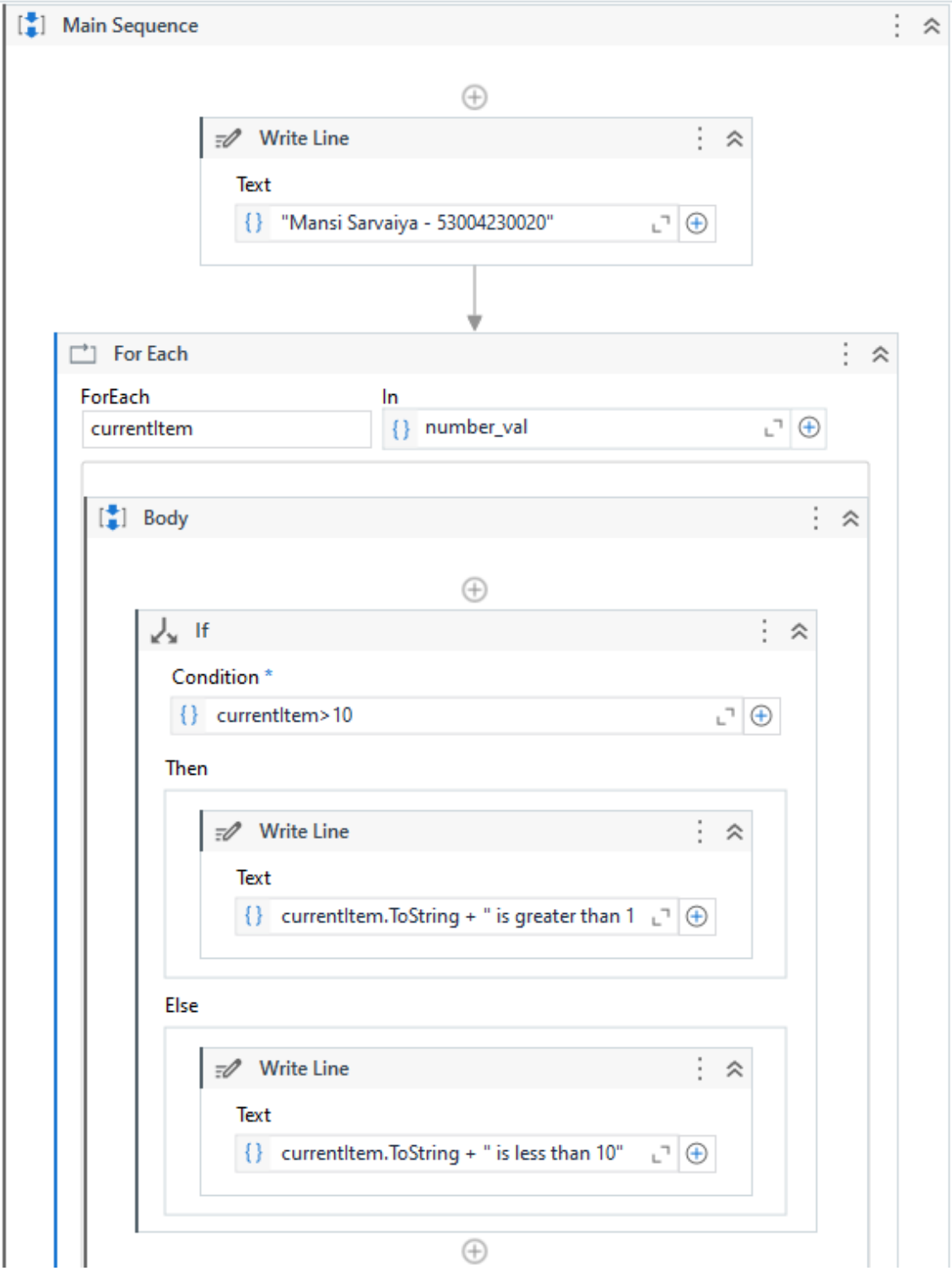

Customer Details
Enter your birthday
03/11/1999
Ok


Customer Details
Please say if you want to donate fund
False
Ok

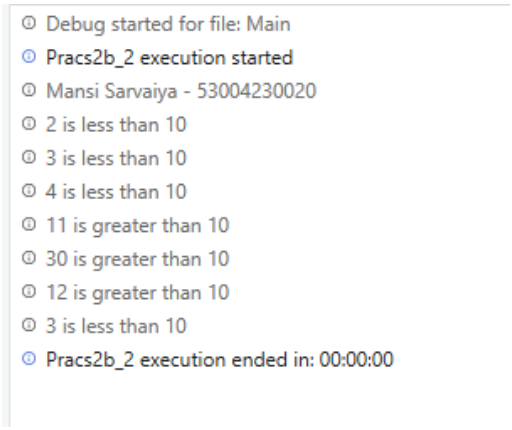


P2: Array Datatype.

Code:

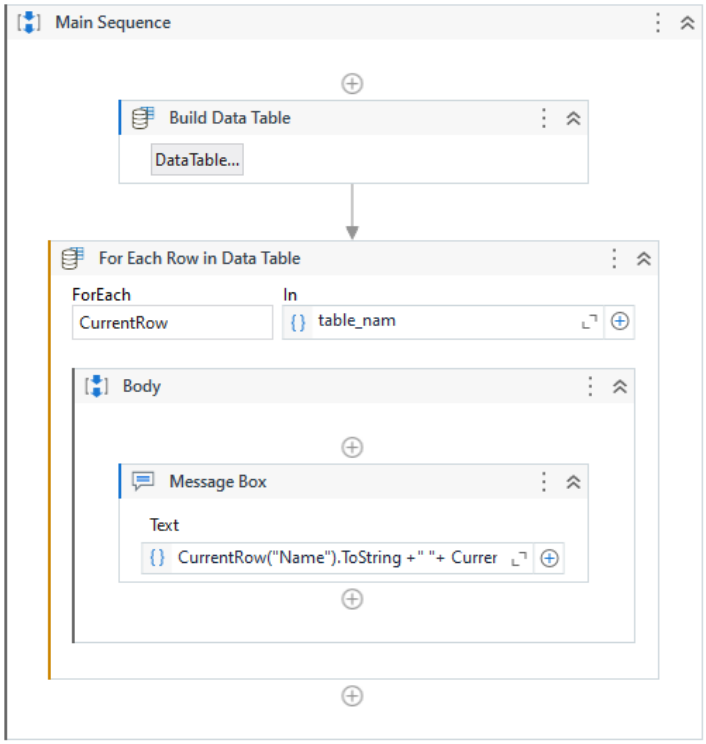

Main Sequence
Write Line
Text
"Mansi Sarvaiya - 53004230020"
For Each
ForEach
currentItem
In
number_val
Body
If
Condition *
currentItem>10
Then
Write Line
Text
currentItem.ToString + " is greater than 1
Else
Write Line
Text
currentItem.ToString + " is less than 10"

Output:

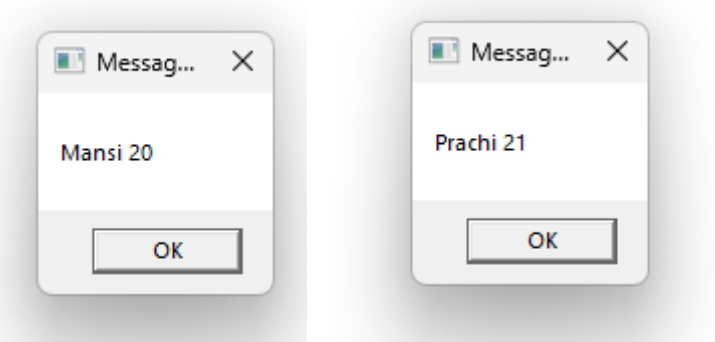


P3: Data Table

Code:



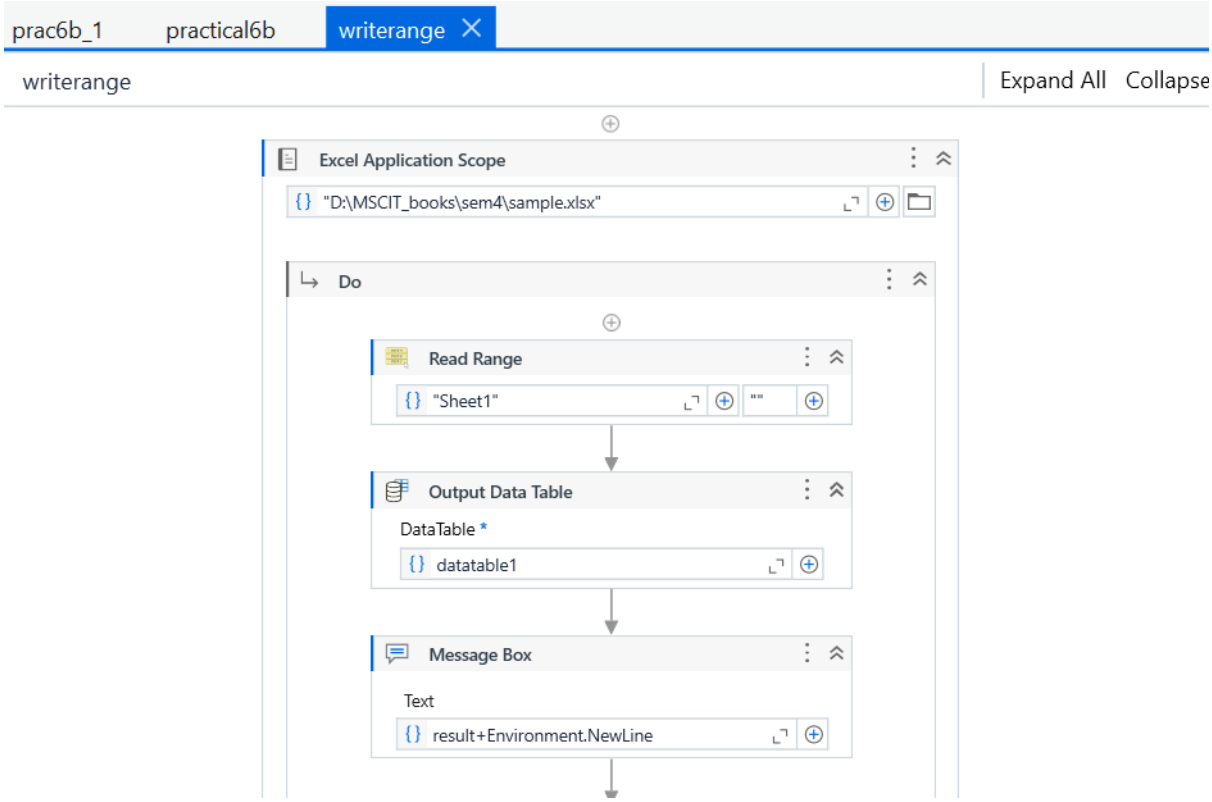
Output:

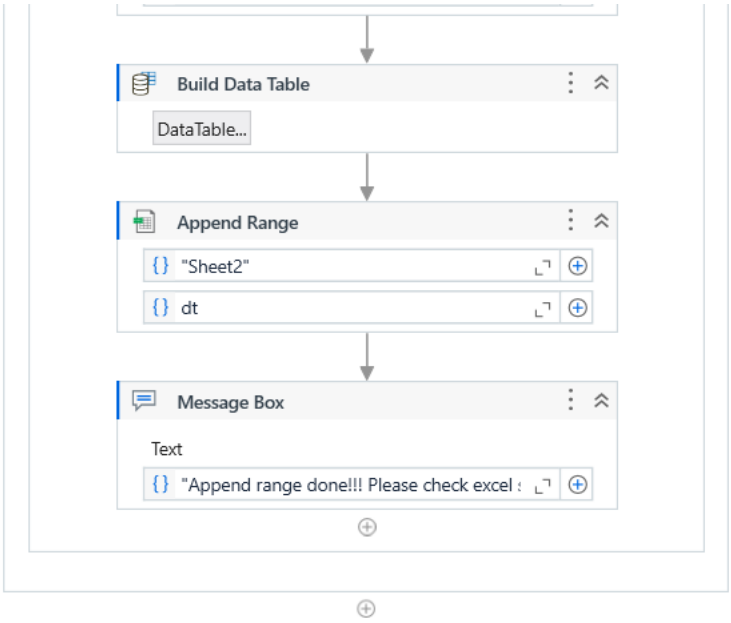


Practical II

C.) Create an application automating the read, write and append operation on excel file.

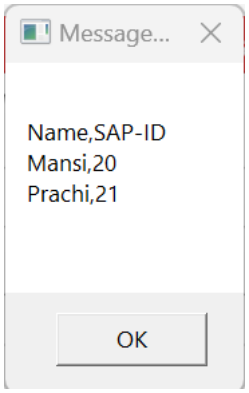
Code:



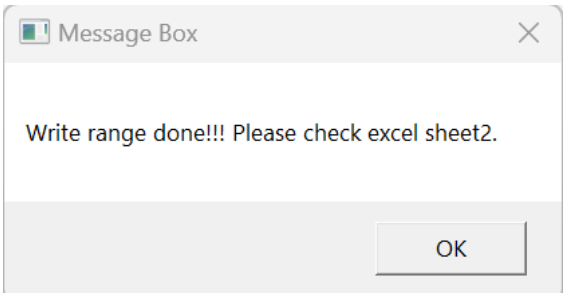


Output:

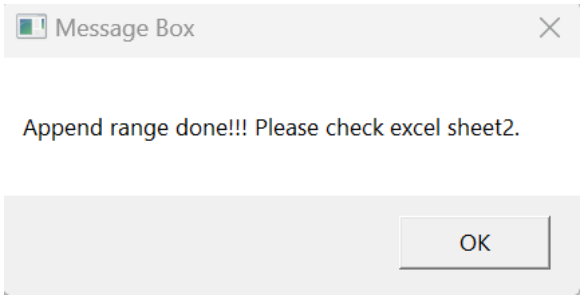
Read Range



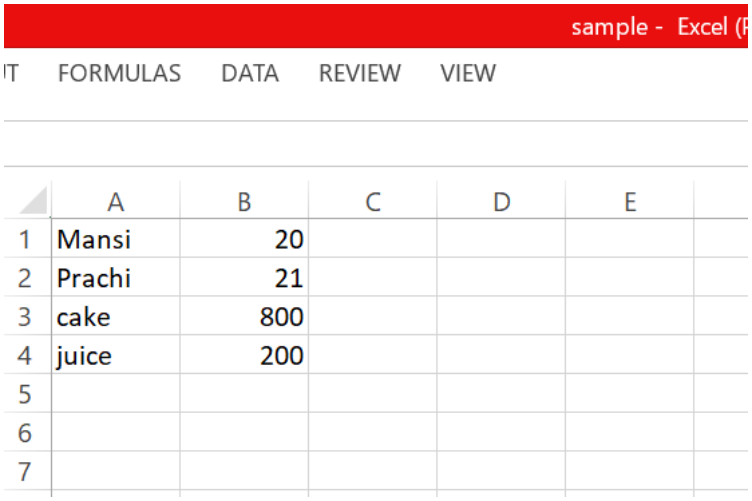
Write Range



Append Range



Excel Sheet

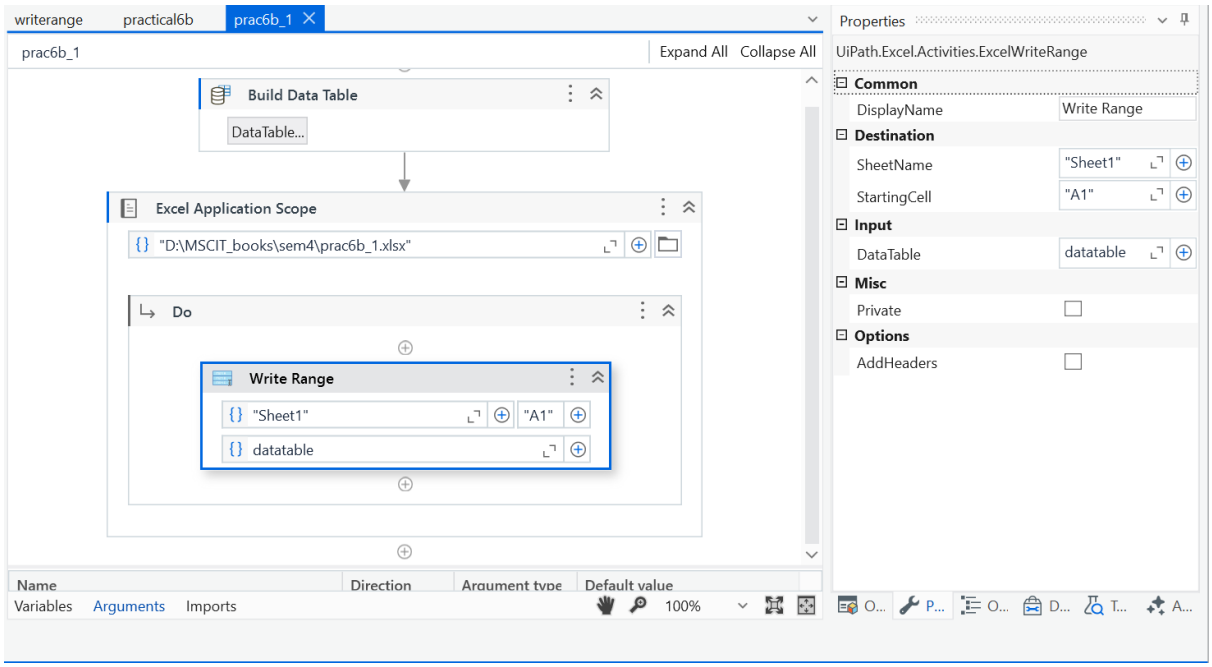


Practical II

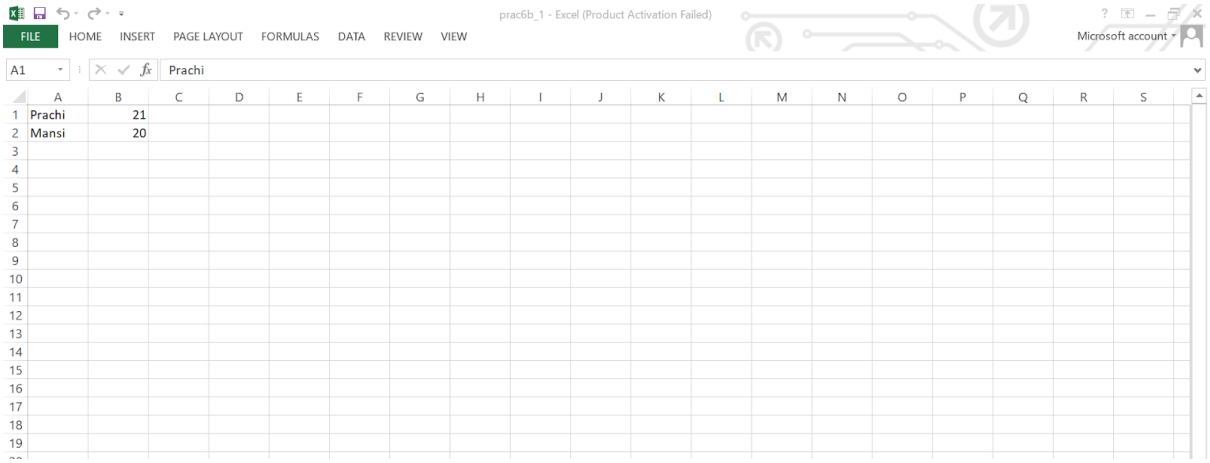
D.) Automate the process to extract data from an excel file into a data table and vice versa.

From data table to excel.

Code:

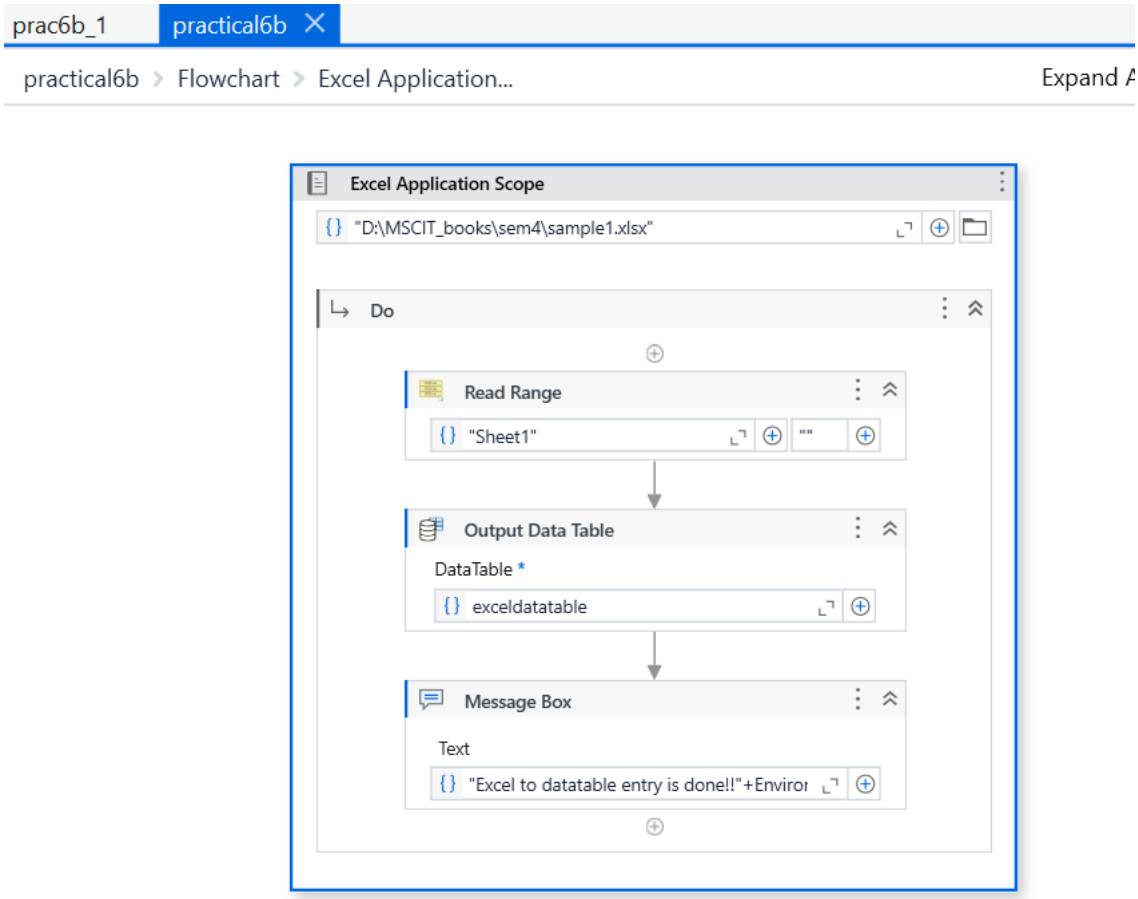


Output:

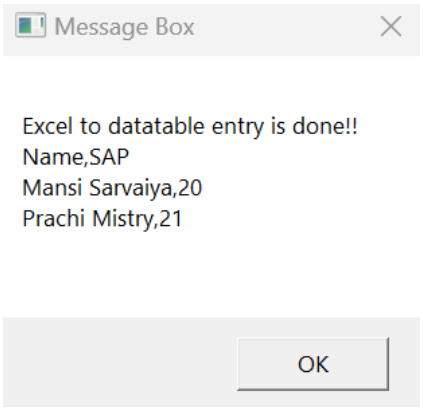


From excel to data table.

Code:



Output:


Message Box
Excel to datatable entry is done!!
Name,SAP
Mansi Sarvaiya,20
Prachi Mistry,21
OK