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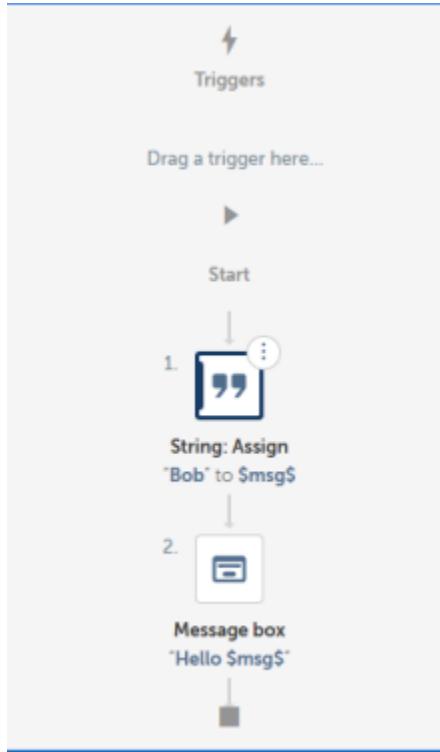
Sr. No.	Title of Practical	Course Outcome	Date	Sign
	<b>Category 1:</b>			
<b>1</b>	AA: Demonstrate messagebox	<b>CO2</b>		
<b>2</b>	AA: Demonstrate prompts	<b>CO2</b>		
<b>3</b>	AA: Demonstrate list variables	<b>CO2</b>		
<b>4</b>	AA: Demonstrate logfile and keystroke	<b>CO2</b>		
<b>5</b>	File Operations- Demonstrate commands Open, copy, zip, create	<b>CO2</b>		
<b>6</b>	UIPath: Demonstrate basic recording in the bot	<b>CO2</b>		
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<b>8</b>	UIPath: Demonstrate flowchart	<b>CO2</b>		
	<b>Category 2:</b>			
<b>9</b>	AA: Bot to demonstrate string functions	<b>CO2</b>		
<b>10</b>	AA: Bot to demonstrate loop using Number Package	<b>CO2</b>		
<b>11</b>	AA: Bot to demonstrate increment and decrement actions on number and datetime variables	<b>CO2, CO3</b>		
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<b>13</b>	UIPath: Demonstrate Boolean variable using flow decision	<b>CO2</b>		
<b>14</b>	UIPath: Demonstrate flow decision for random numbers	<b>CO2</b>		
<b>15</b>	UIPath: Design a bot to accept two strings in array and write it into a notepad file.	<b>CO2, CO3</b>		

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<b>17</b>	AA: Bot to demonstrate loop for reading file names in a folder and writing those into notepad file	<b>CO3</b>		
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<b>19</b>	UIPath: Write a bot to check year is a leap year and elseIf	<b>CO2, CO3</b>		
<b>20</b>	UIPath: Demonstrate while loop and do while loop	<b>CO2</b>		
<b>21</b>	UIPath: Demonstrate ForEach for list variable	<b>CO2</b>		
<b>22</b>	UIPath: Demonstrate ForEach for files in a folder	<b>CO2, CO3</b>		
<b>23</b>	UIPath: Demonstrate switch	<b>CO2, CO3</b>		
<b>24</b>	AA: Design and create a bot to create a folder and transfer files to a server (FTP)	<b>CO3</b>		
<b>25</b>	AA: Design and create a bot to fetch two subject scores of students in excel and display its addition	<b>CO3</b>		
<b>26</b>	AA: Design and create a bot to extract text from images using OCR. and log the text in a log file	<b>CO3</b>		
<b>27</b>	AA: Design and create a bot to automate tasks of:  A. Reading emails from inbox and displaying their Subject and Message  B. Sending a mail	<b>CO3</b>		

	C. Replying to unread mail from mail inbox			
<b>28</b>	AA: Design and create a bot to automate tasks of SOAP web services to add two numbers	<b>CO3</b>		
<b>29</b>	AA: Design and create a bot to automate tasks of RESTful web service to fetch, add data from server	<b>CO3</b>		
<b>30</b>	AA: Write a bot to create public and private keys: A. Encrypt a text file using the public key B. Decrypt a text file using the private key	<b>CO3</b>		
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<b>31</b>	AA: Bot for Excel operations : Compare and Update Excel Sheet	<b>CO3</b>		
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<b>33</b>	AA: Bot To copy data from TXT file and write it into Excel	<b>CO3</b>		
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<b>36</b>	UIPath: Demonstrate array variable with different functions	<b>CO3</b>		
<b>37</b>	UIPath: Write a bot to convert text file to Excel file	<b>CO3</b>		
<b>38</b>	UIPath: Write a bot to apply filter on single data table and on two data tables	<b>CO3</b>		
<b>39</b>	UIPath: Write a bot to demonstrate use of data tables - creating two Data Table variables and merging their values together and filtering the unwanted columns out.	<b>CO3</b>		

<b>40</b>	UIPath: Write a bot to sort data table	<b>CO3</b>		
<b>41</b>	UIPath: Write a bot to demonstrate properties of Data Table	<b>CO3</b>		
	<b>Category 5:</b>			
<b>42</b>	AA: Write a bot to demonstrate PDF actions: merge document and split document	<b>CO3</b>		
<b>43</b>	AA: Write a bot to demonstrate screen scraping using <ul style="list-style-type: none"> <li>i. extract field</li> <li>ii. extract text</li> <li>iii. extract image</li> </ul>	<b>CO4</b>		
<b>44</b>	AA: Write a bot to demonstrate screen scraping using OCR – <ul style="list-style-type: none"> <li>i. Capture image by path</li> <li>ii. Capture window with filter and without filter</li> </ul>	<b>CO3</b>		
<b>45</b>	UIPath: Write a bot to convert PDF file into TXT file	<b>CO3</b>		
<b>46</b>	UIPath: Write a bot to demonstrate PDF package with following actions: Export PDF page as image, join PDF files.	<b>CO3</b>		
	<b>Category 6:</b>			
<b>47</b>	AA: Design IQ Bot using Automation Anywhere	<b>CO4</b>		
<b>48</b>	AA: Write a bot to scrape data from a web table and store it in a file.	<b>CO4</b>		

<b>49</b>	AA: Write a bot to get a trigger fired when a file is created in a folder. Note: Create a task bot that will get triggered on file creation and will display the message “File is created”	<b>CO3</b>		
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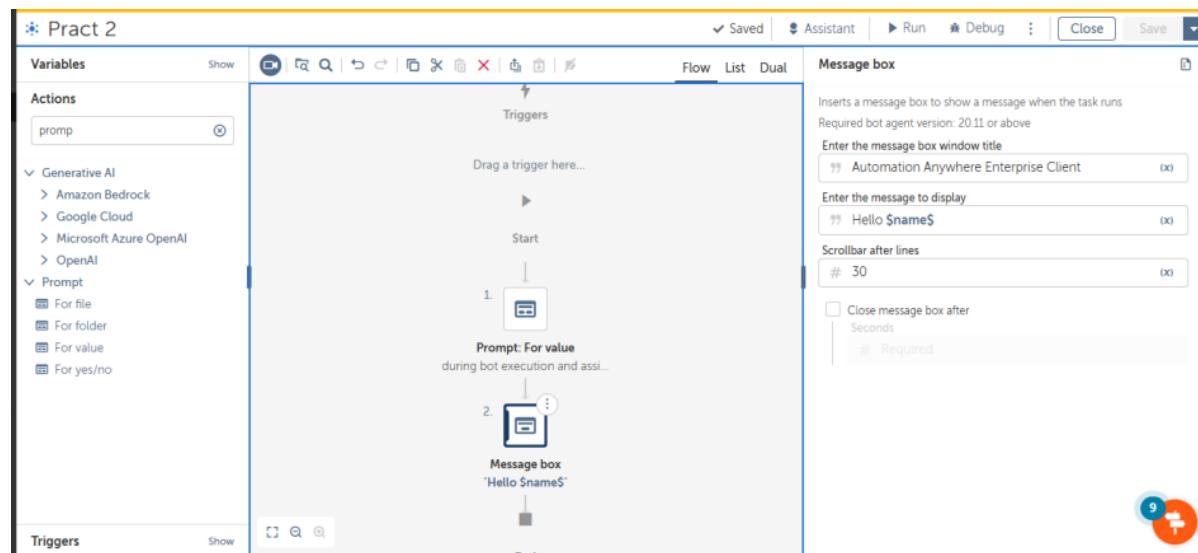
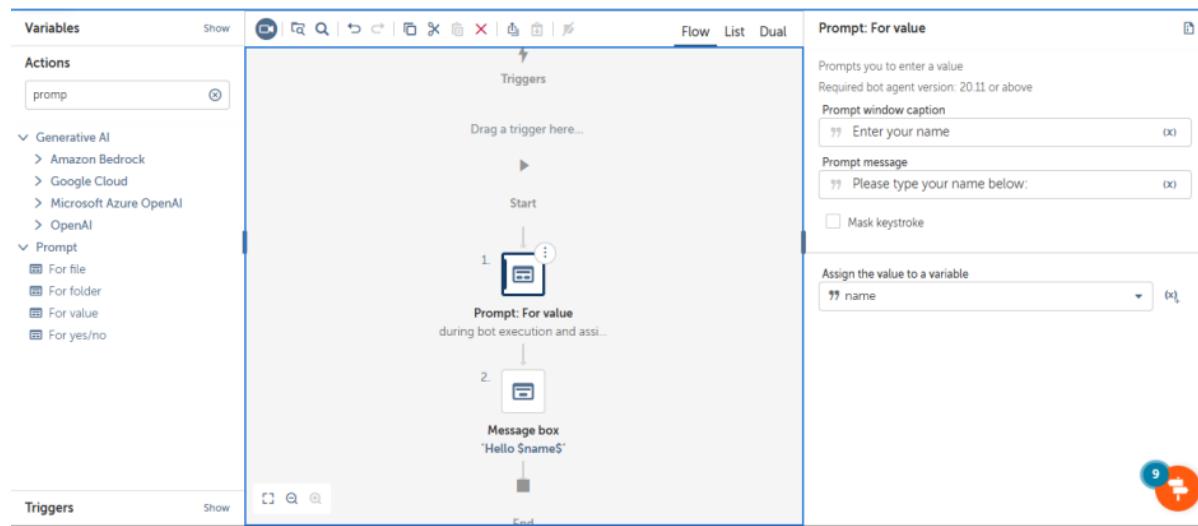
**CATEGORY 1****PRACTICAL 1 AA: DEMONSTRATE MESSAGEBOX****OUTPUT:**

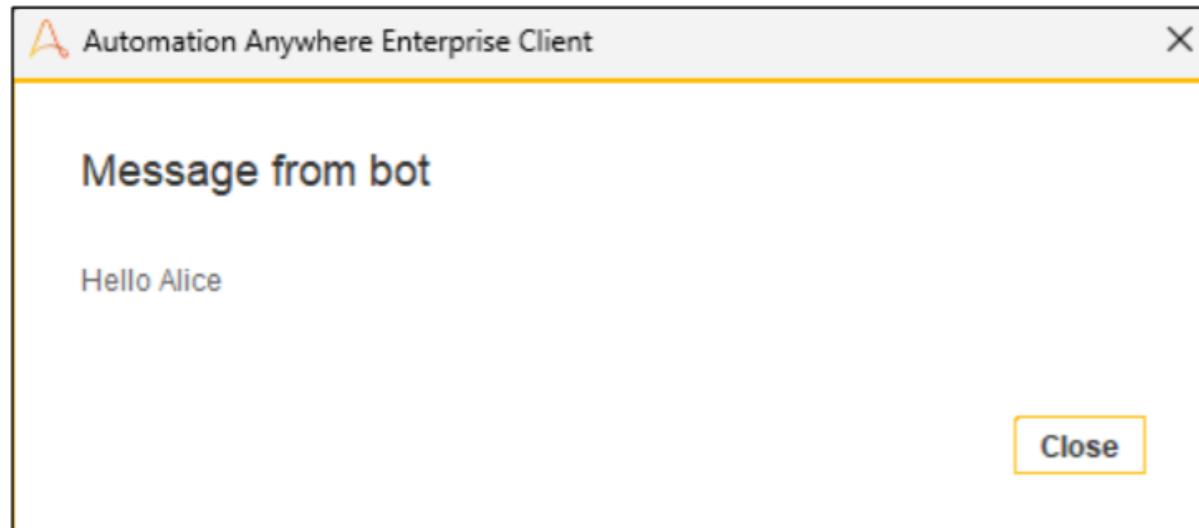
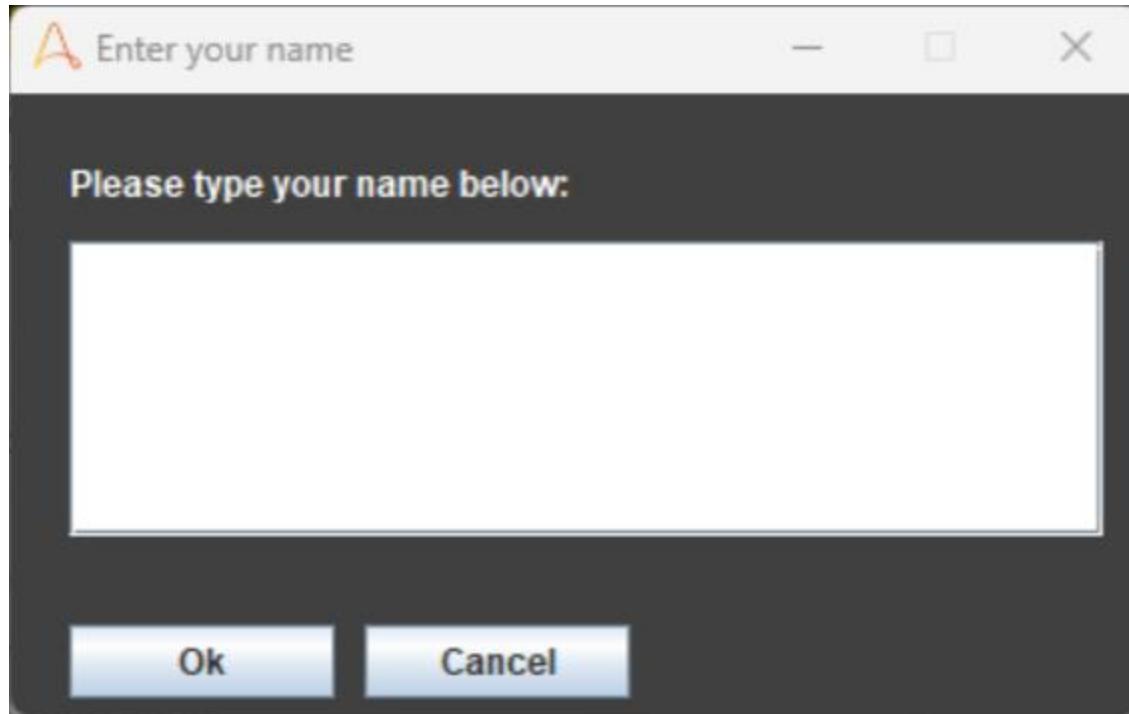
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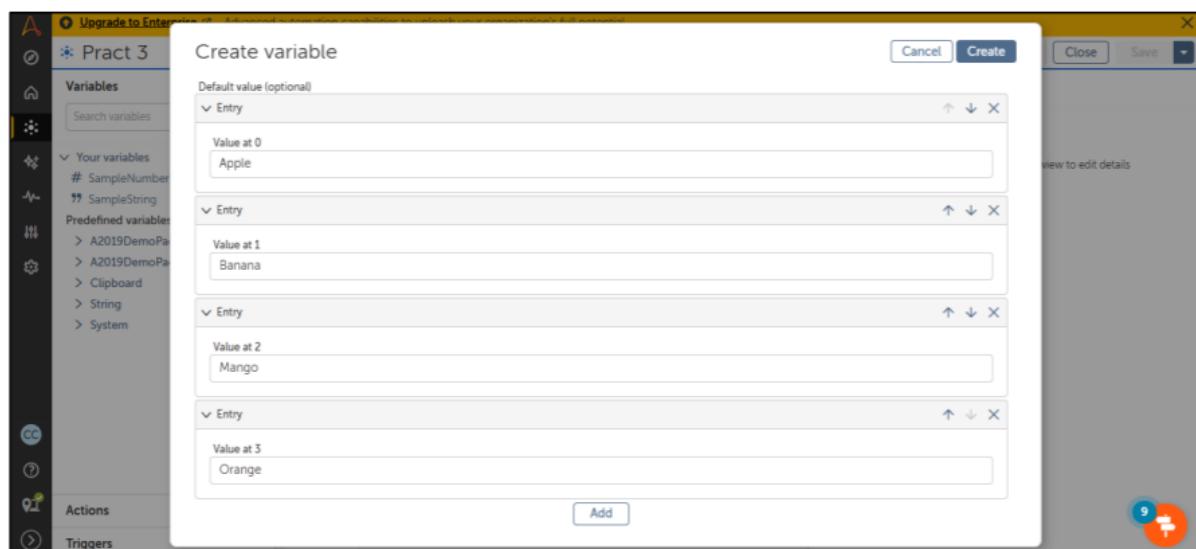
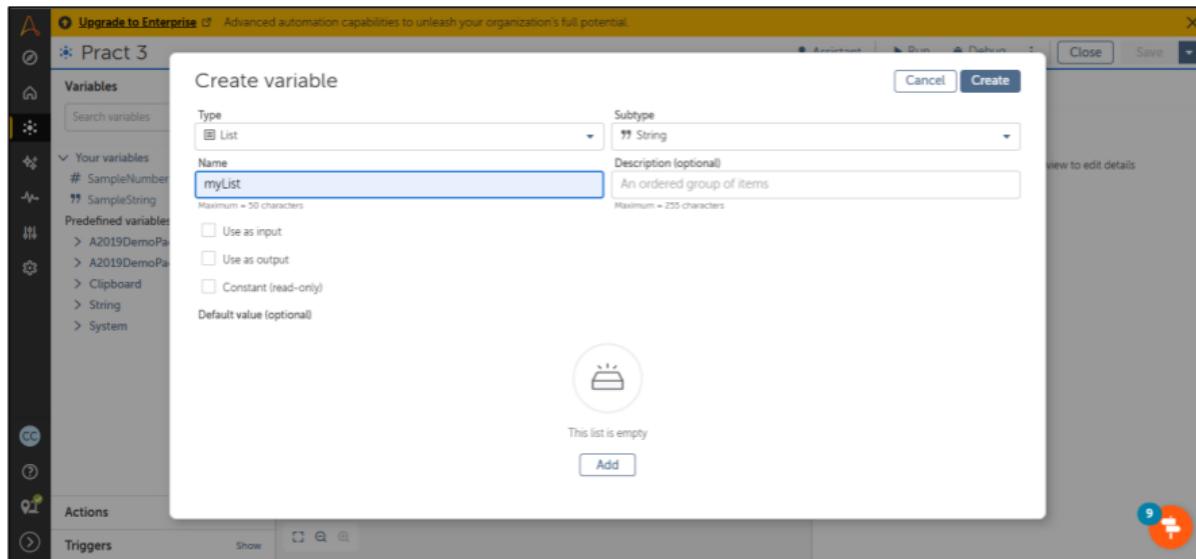
**Message from bot**

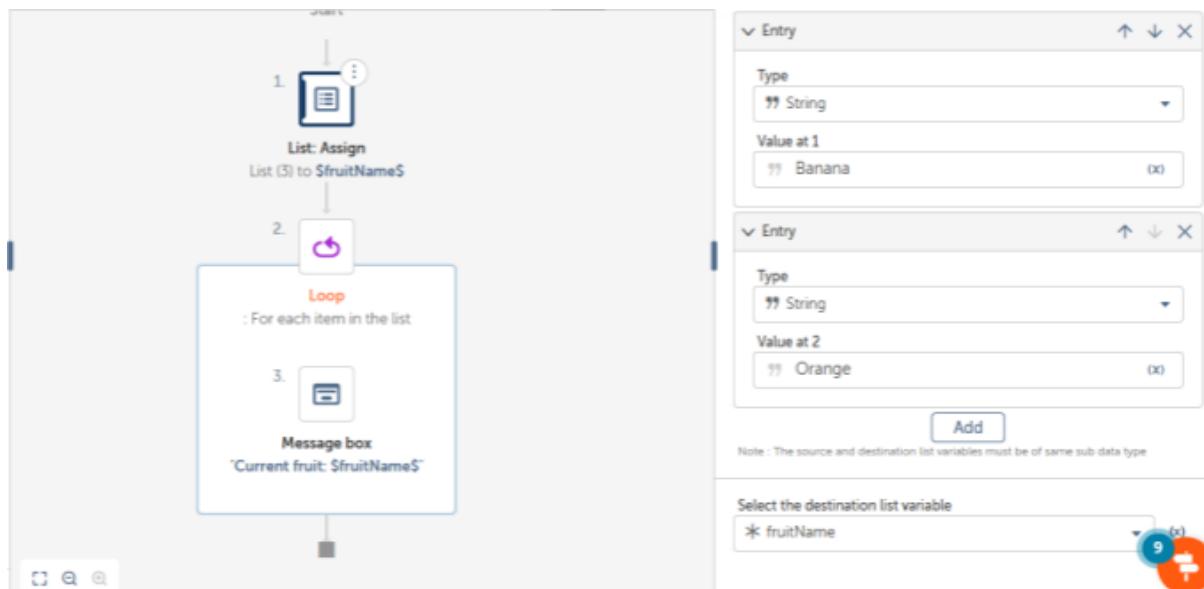
Hello Bob

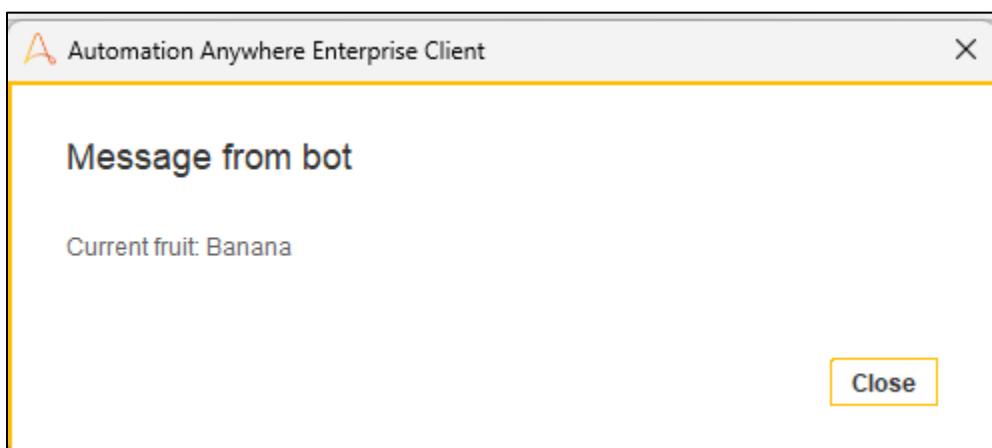
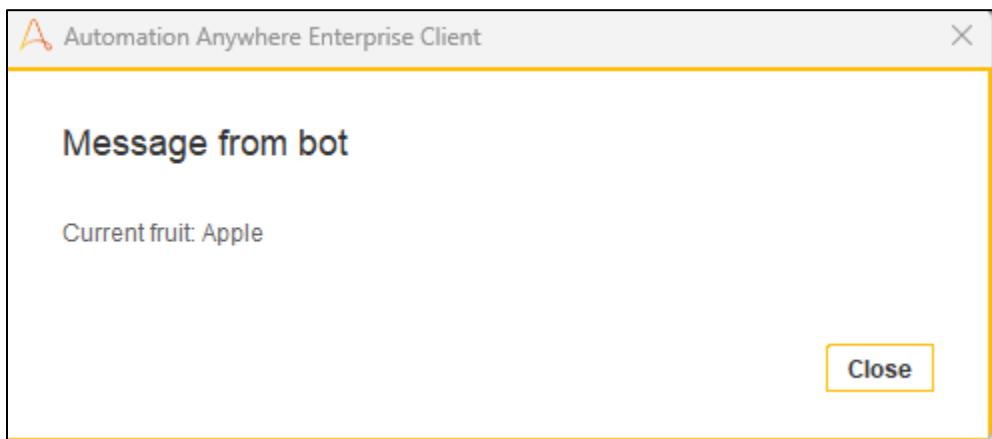
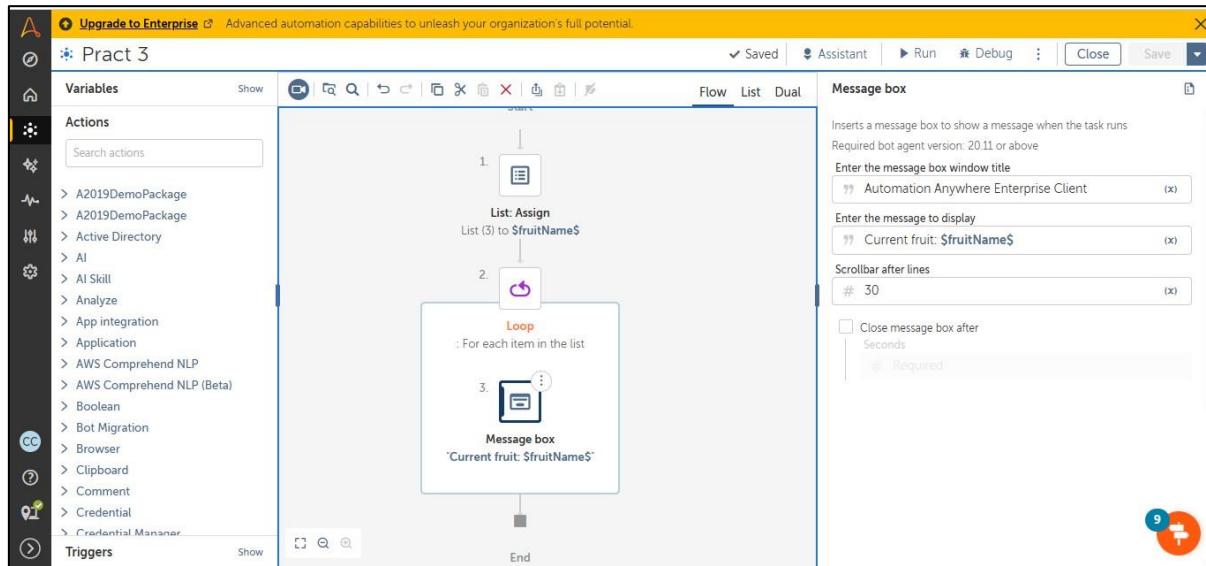
**Close**

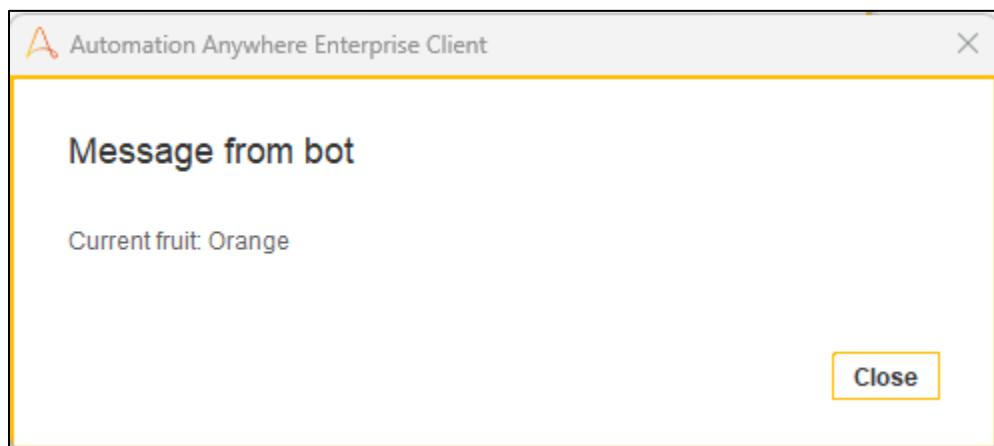
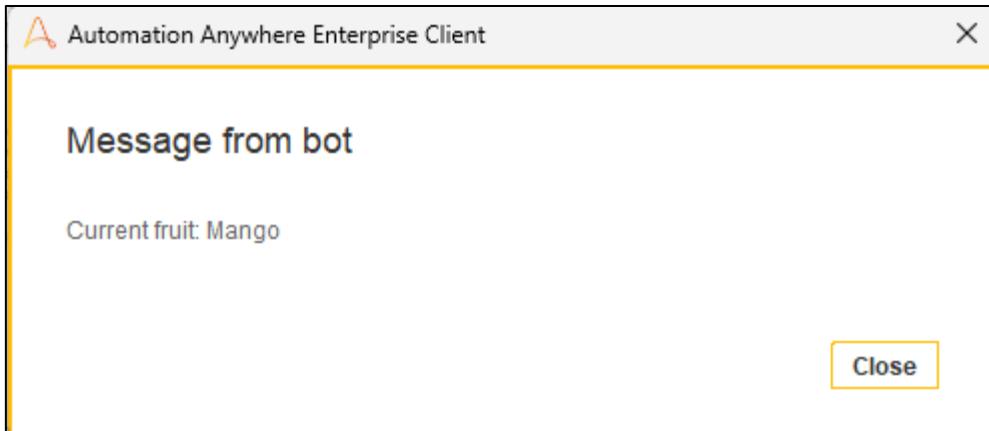
**PRACTICAL 2: AIM: AA: DEMONSTRATE PROMPTS**

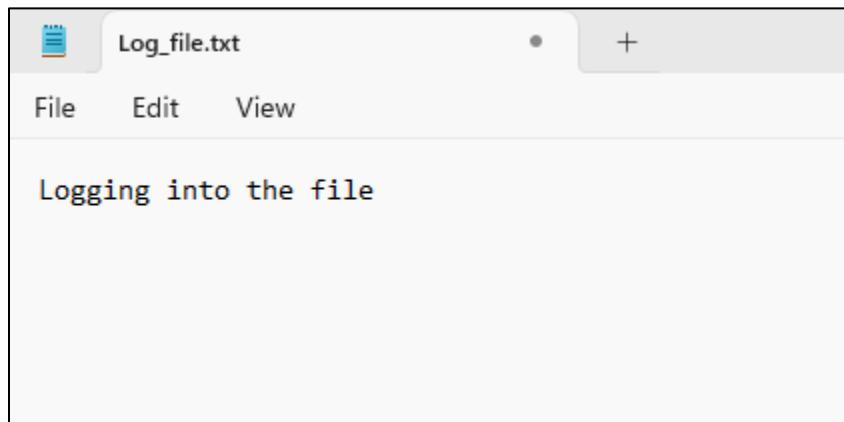
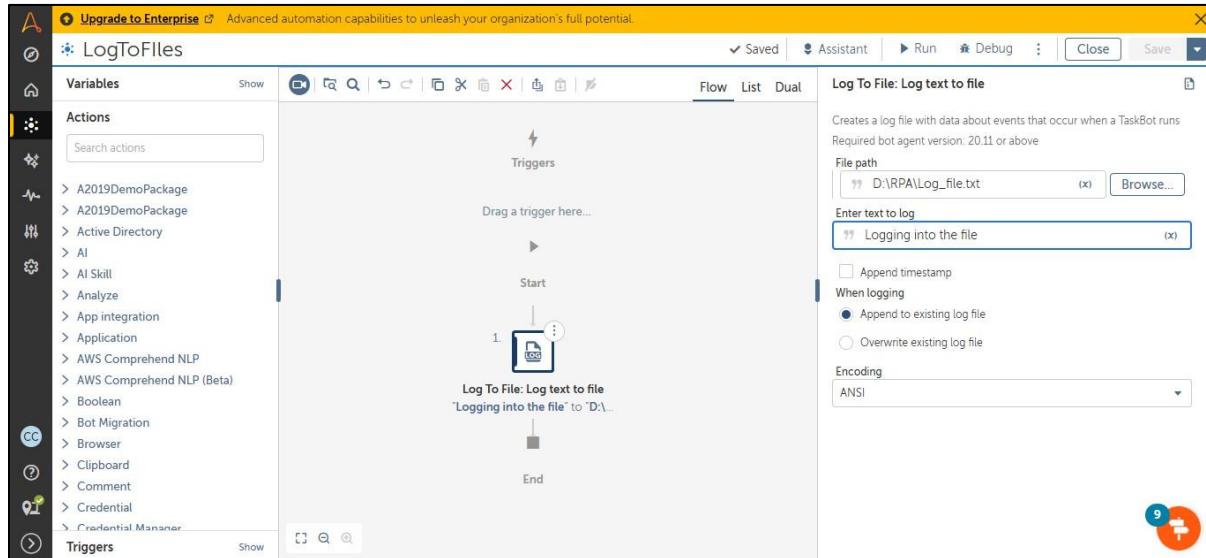


**PRACTICAL 3 AIM: AA: DEMONSTRATE LIST VARIABLES**







**PRACTICAL 4 AIM: AA: DEMONSTRATE LOGFILE AND KEYSTROKE LOGFILE****Keystroke**

**Pract 3 keystrokes**

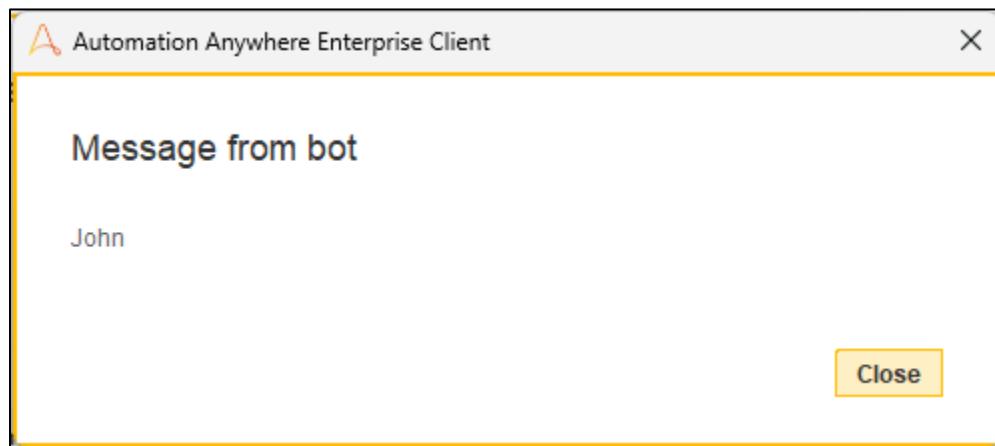
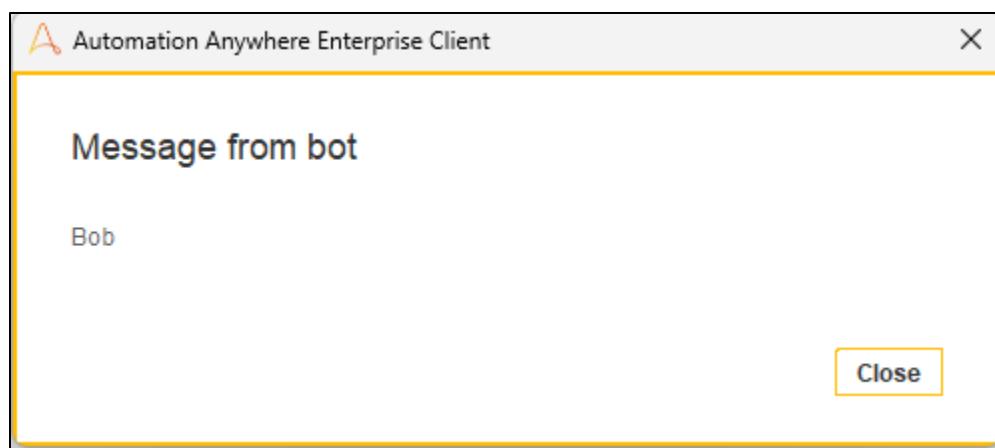
The screenshot shows a workflow titled "Pract 3 keystrokes". It begins with a "Loop" action (Icon: purple square with a circular arrow) labeled "For each item in the list". This is followed by a "Message box" action (Icon: blue envelope) with the variable "\$SampleString\$". A third action, "Simulate keystrokes" (Icon: keyboard), follows, with the input "\$SampleString\${ENTER}" on...". The workflow ends with an "End" node (Icon: grey square). The right panel displays the configuration for the "Loop" action, specifically setting it to iterate over a list of names.

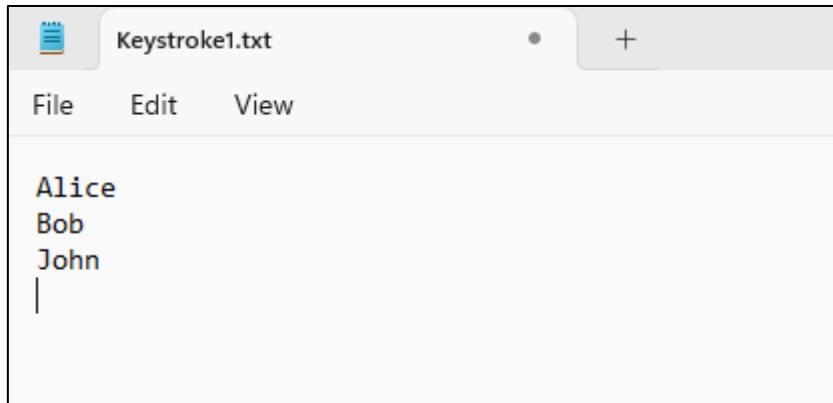
**Pract 3 keystrokes**

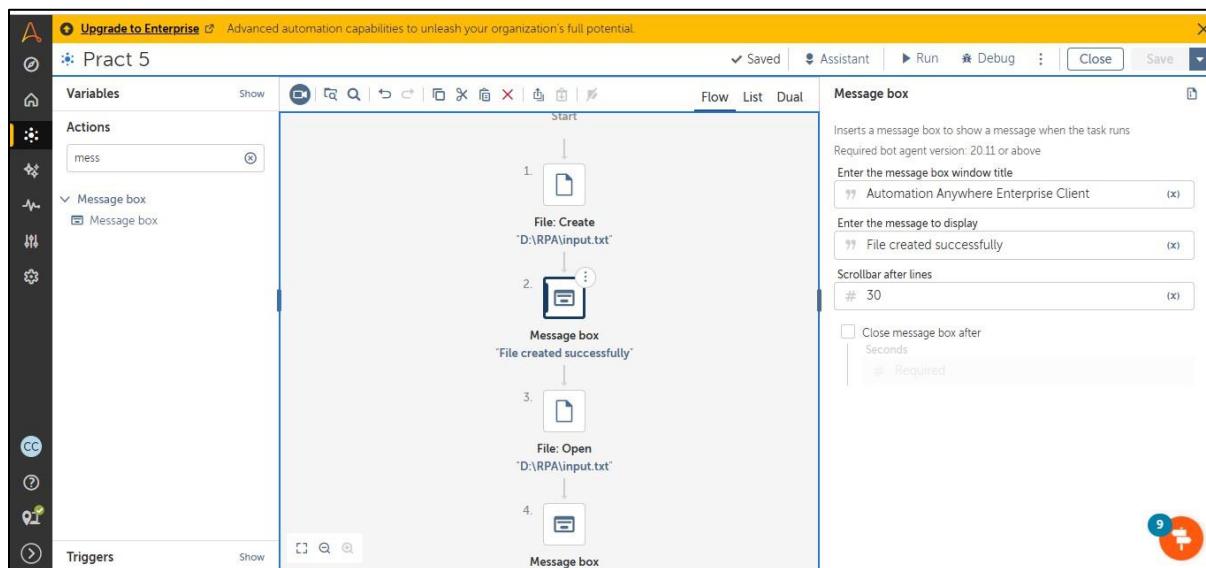
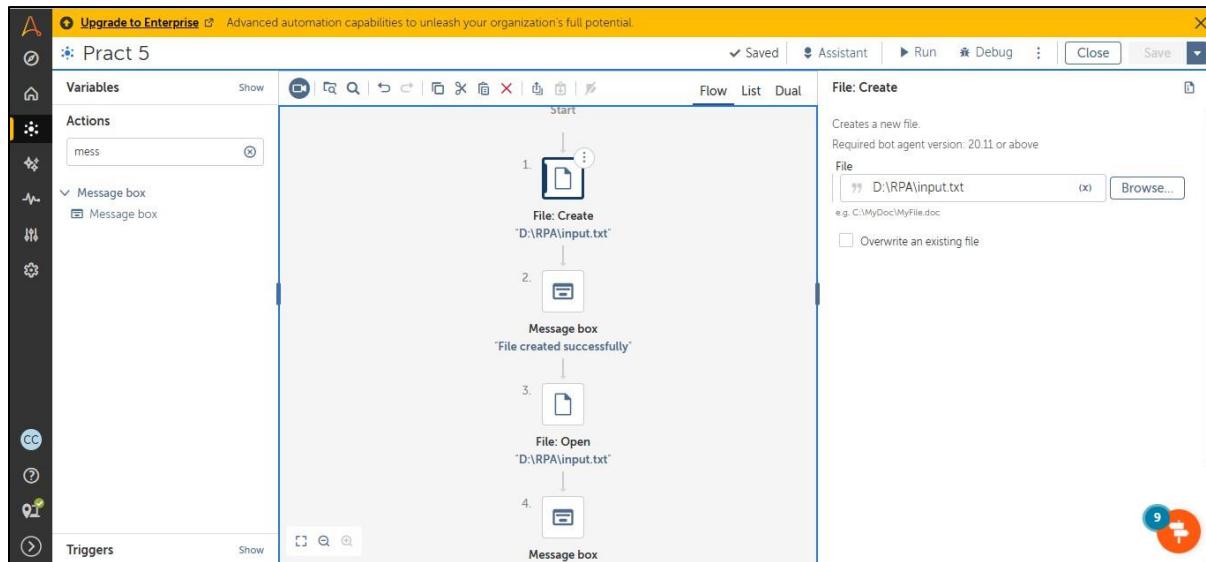
This screenshot shows the same workflow as the first one, but the right panel is expanded to show the configuration for the "Message box" action. It specifies the window title as "Automation Anywhere Enterprise Client" and the message to display as "\$SampleString\$". Other settings like scrollbar behavior and message duration are also visible.

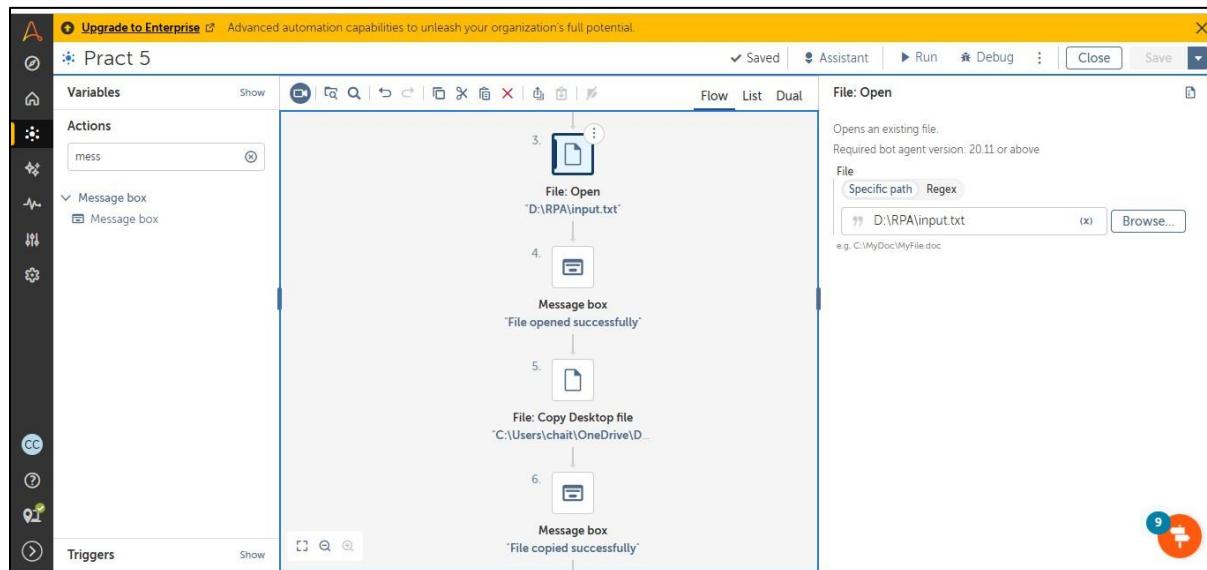
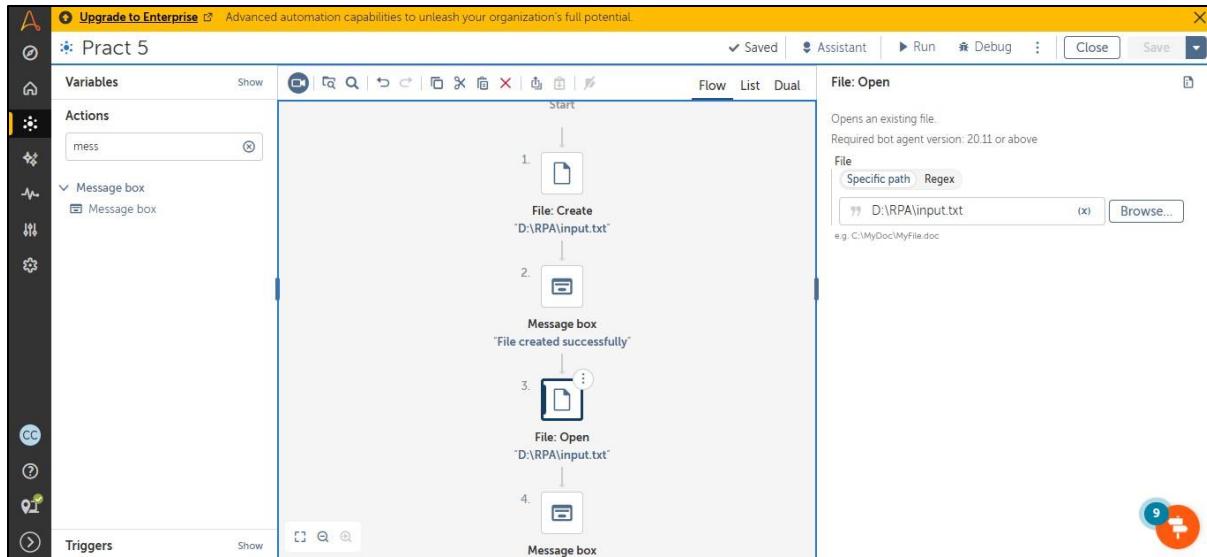
**Pract 3 keystrokes**

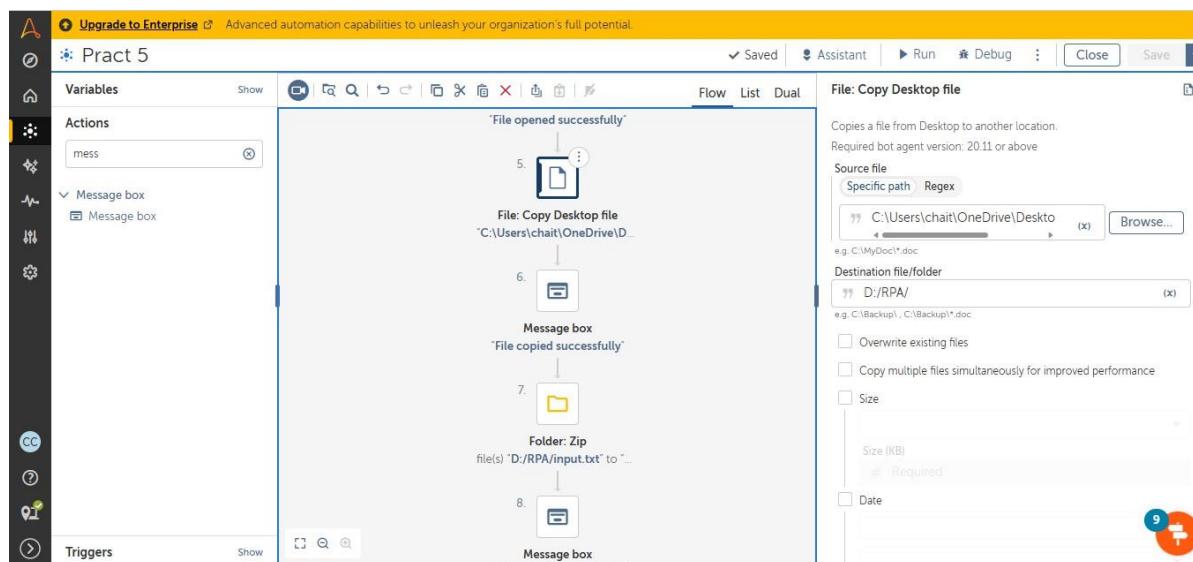
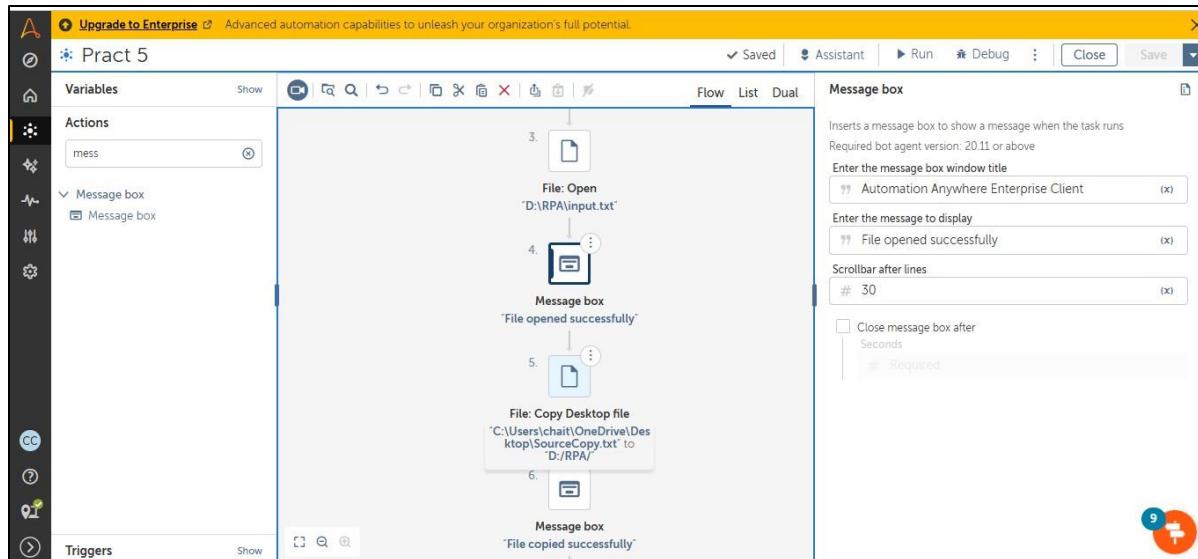
This screenshot shows the same workflow, with the right panel expanded to show the configuration for the "Simulate keystrokes" action. It specifies the window title as "\$Window1\$" and the application path as "C:\Program Files\WindowsApps\Microsoft.WindowsNote...". The "Keystrokes" section shows the input as "\$SampleString\${ENTER}".

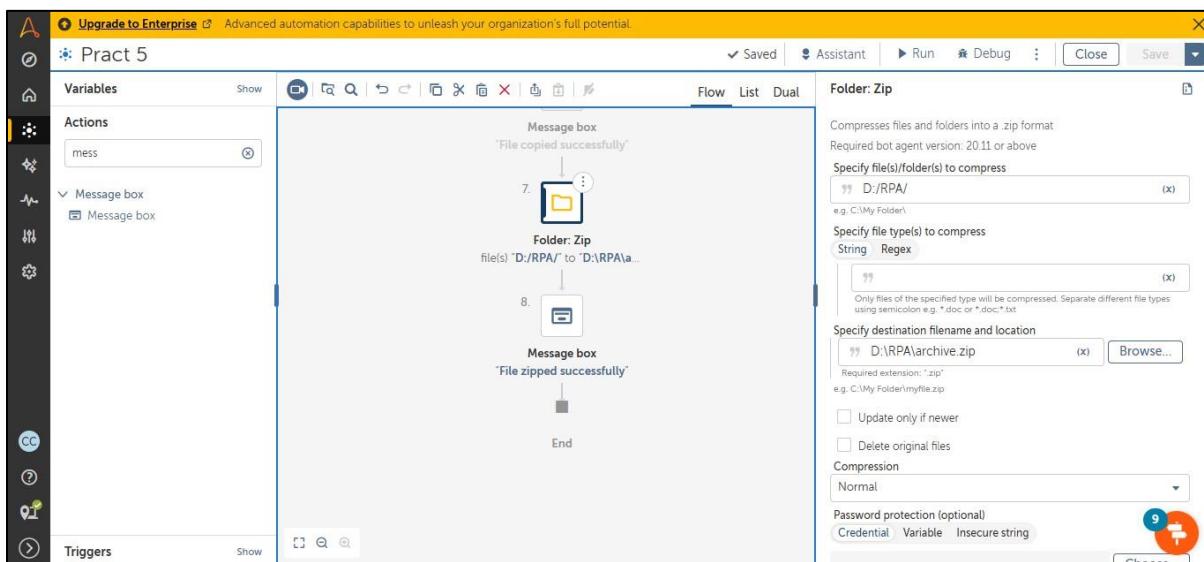
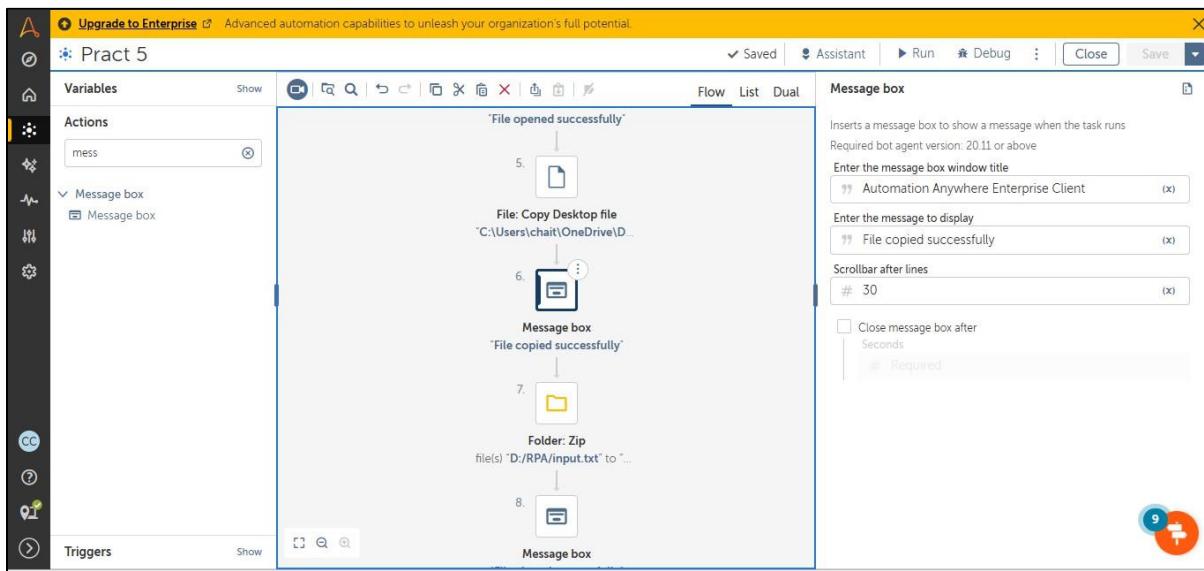


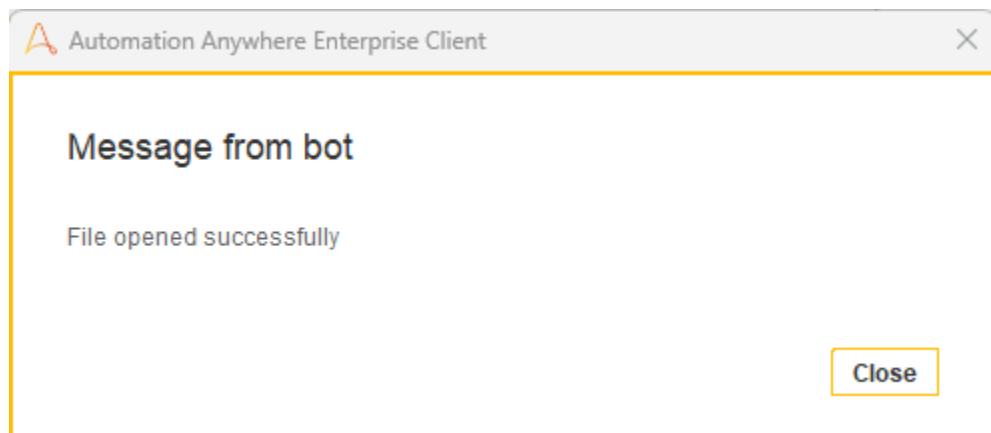
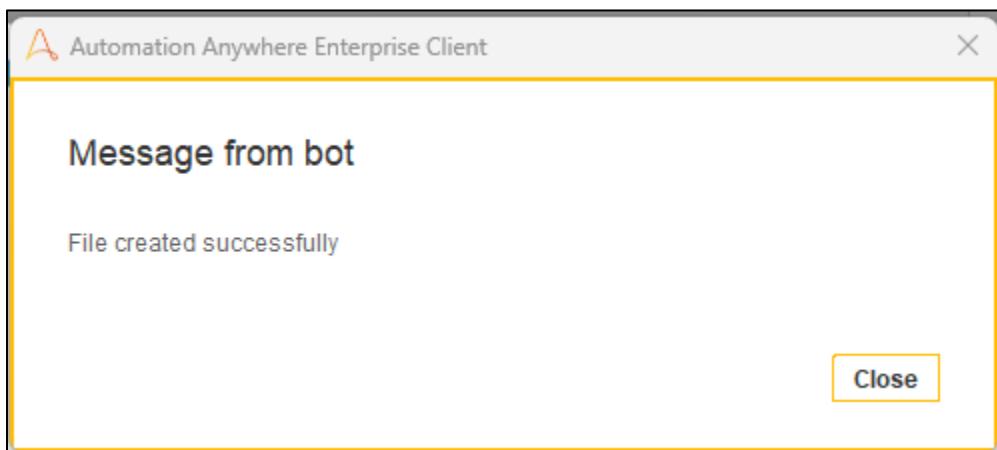
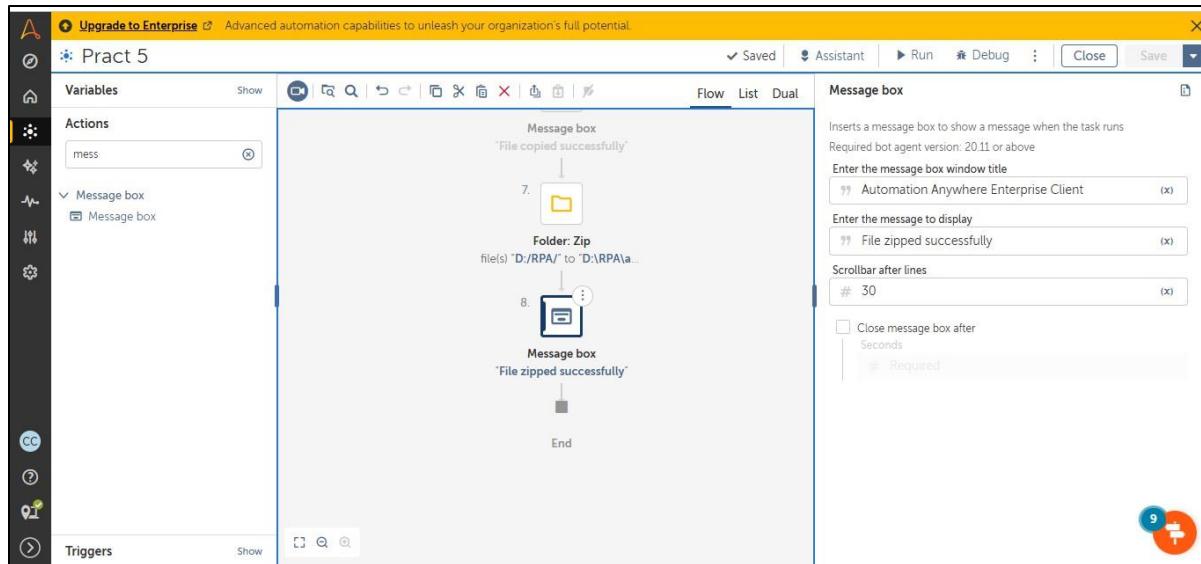


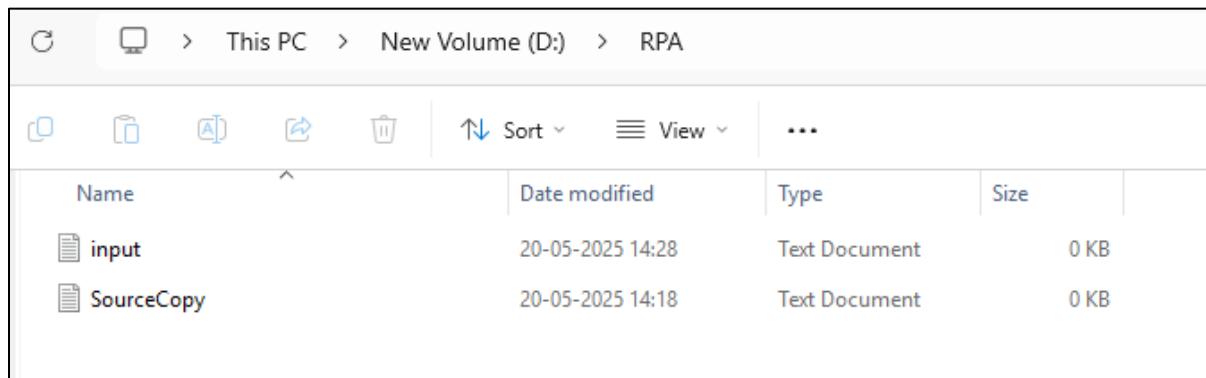
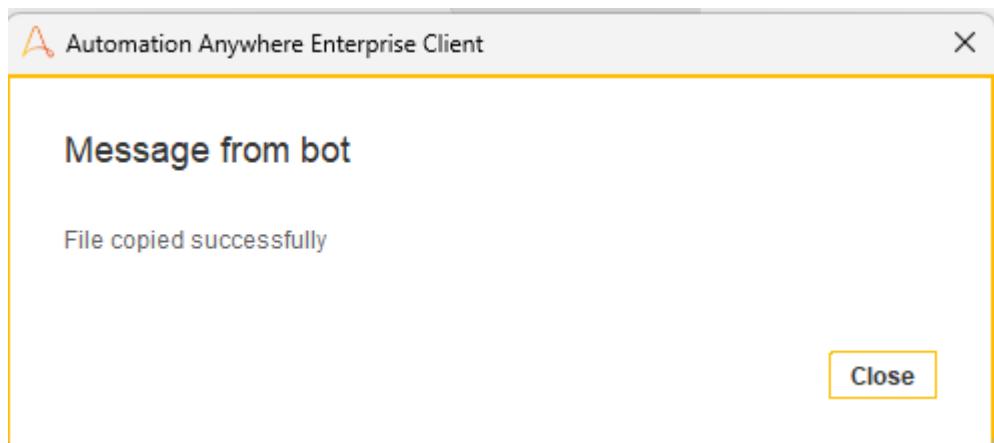
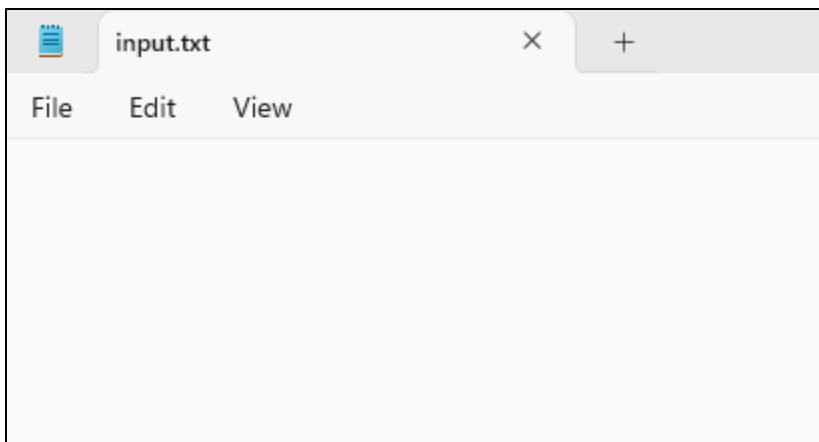
**PRACTICAL 5****AIM: FILE OPERATIONS- DEMONSTRATE COMMANDS OPEN, COPY, ZIP, CREATE**

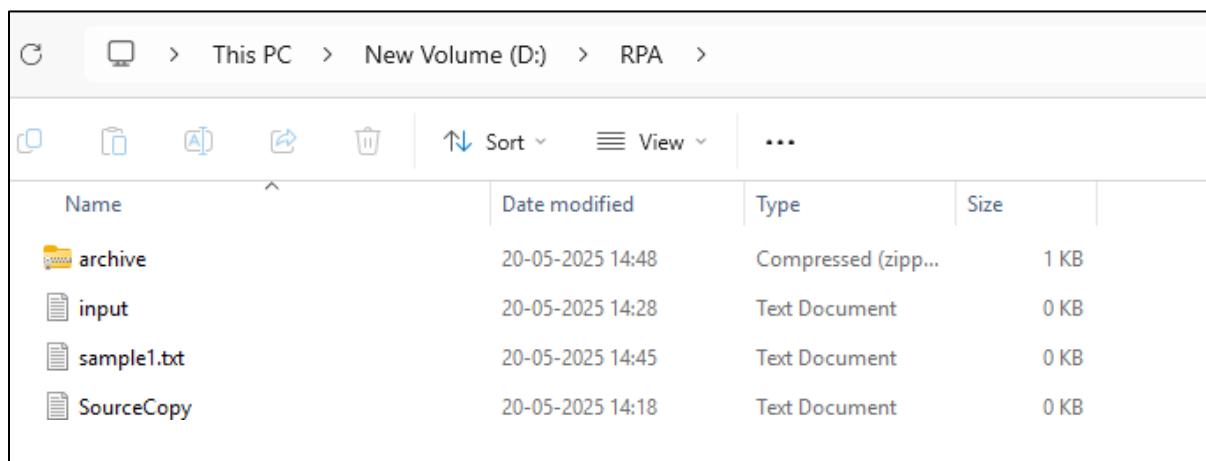
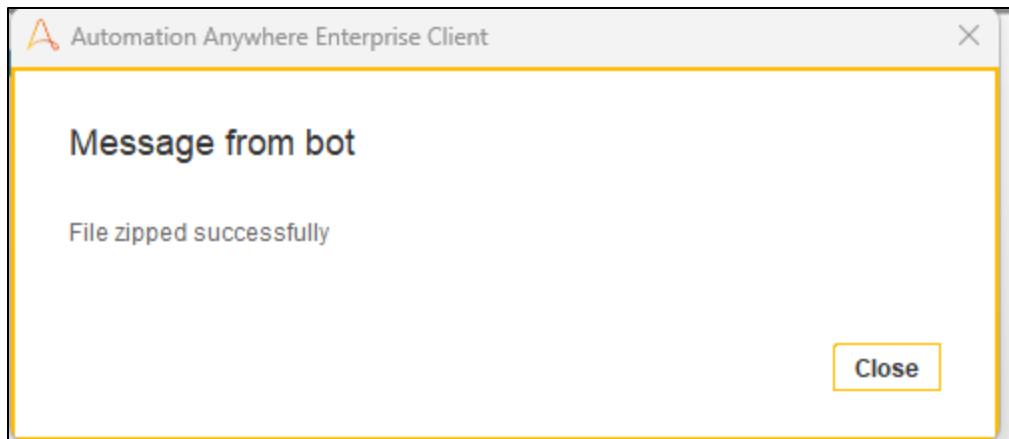


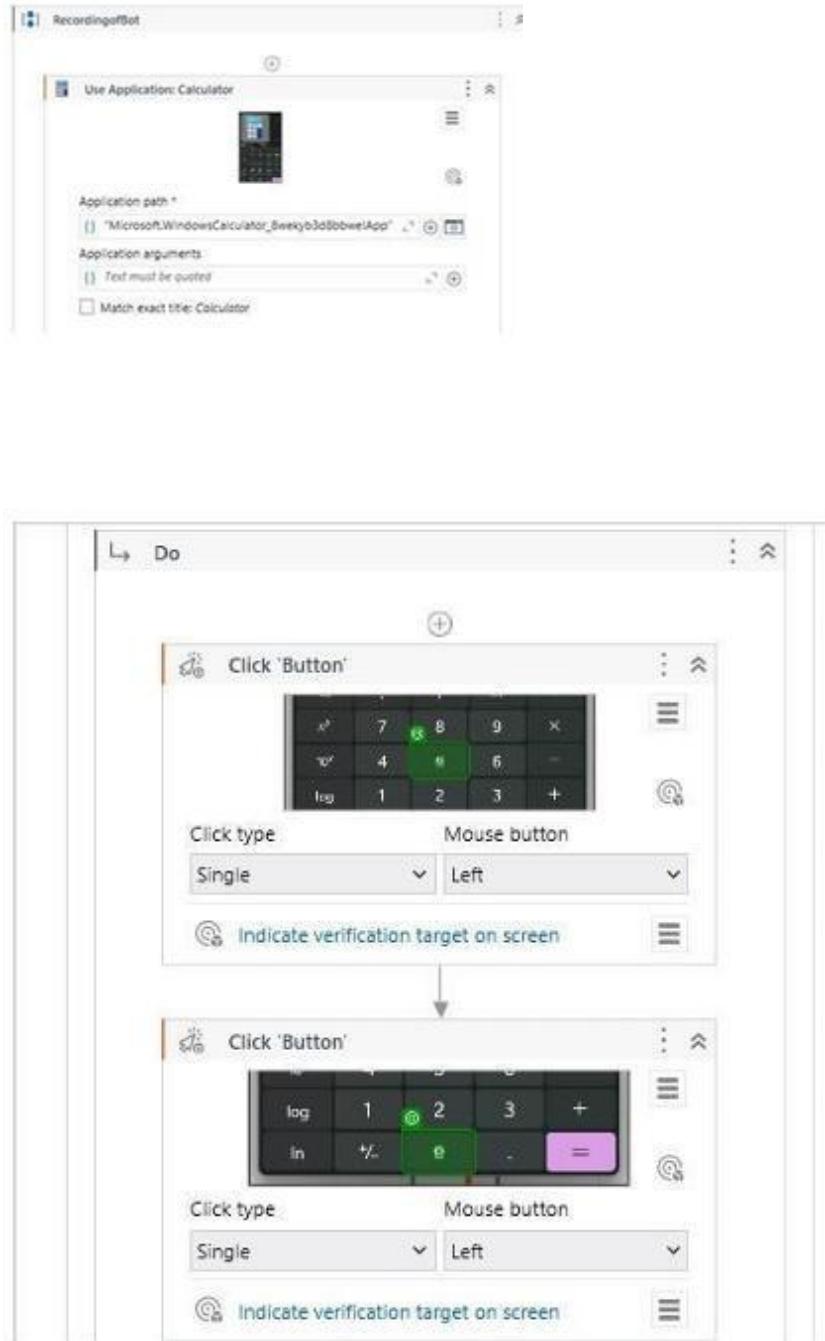


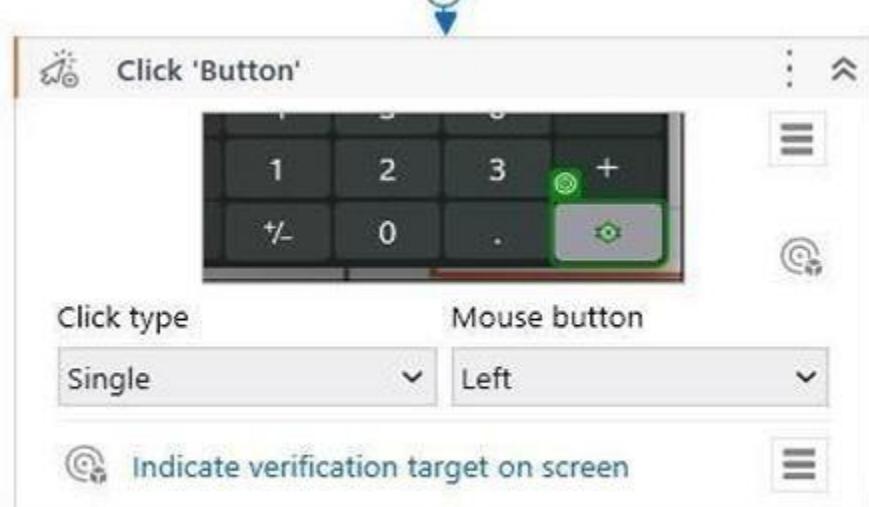
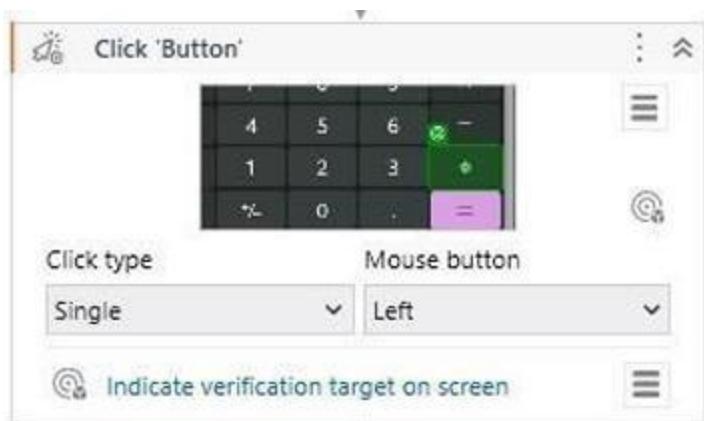






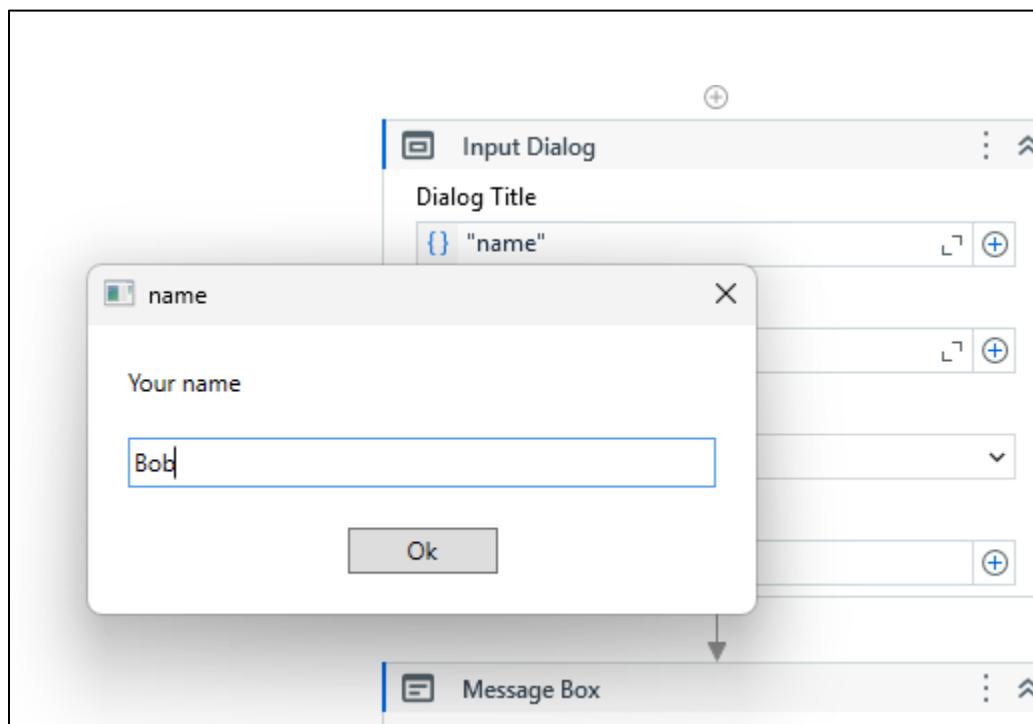
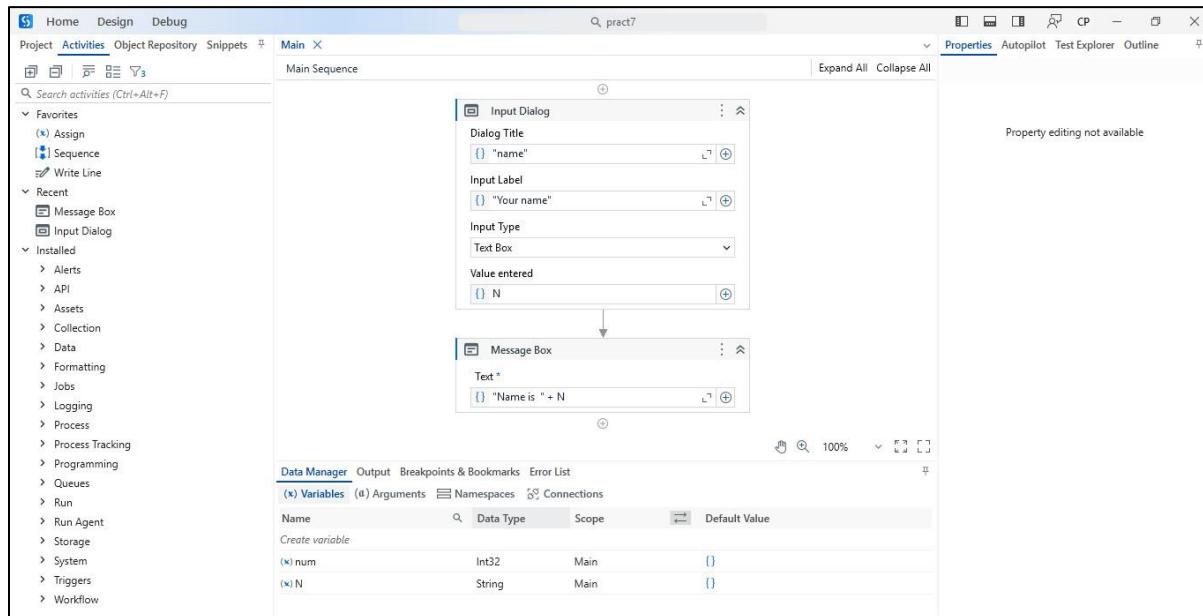


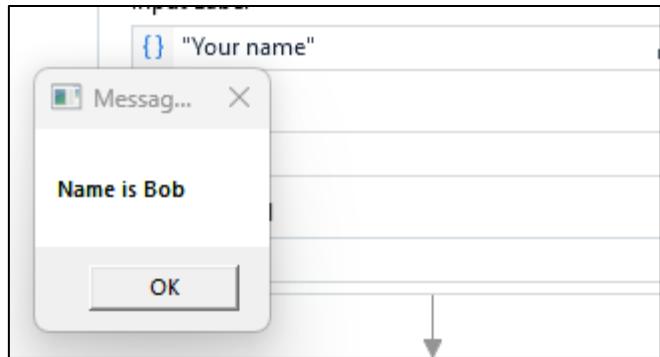
**PRACTICAL 6****UIPATH: DEMONSTRATE BASIC RECORDING IN THE BOT**



## PRACTICAL 7

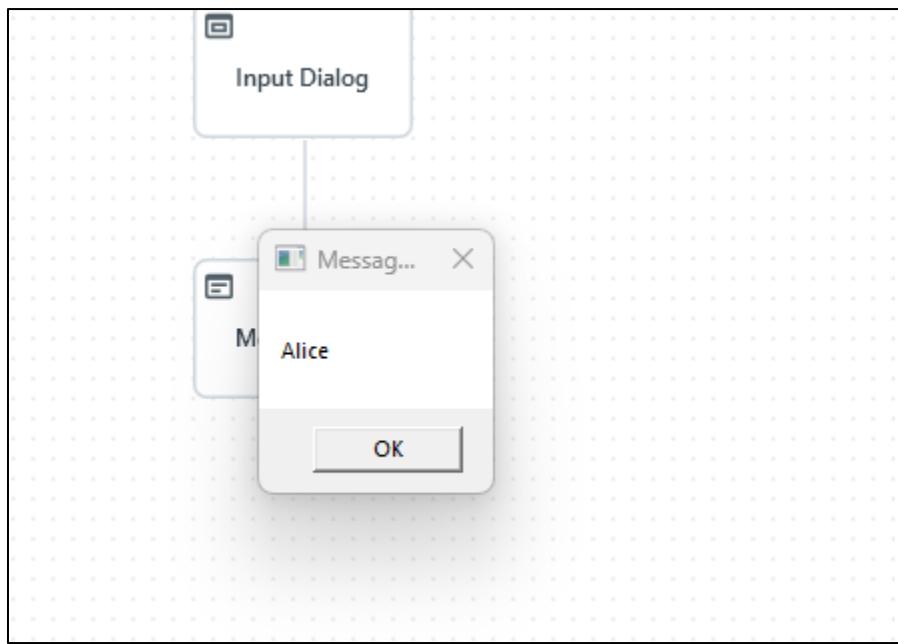
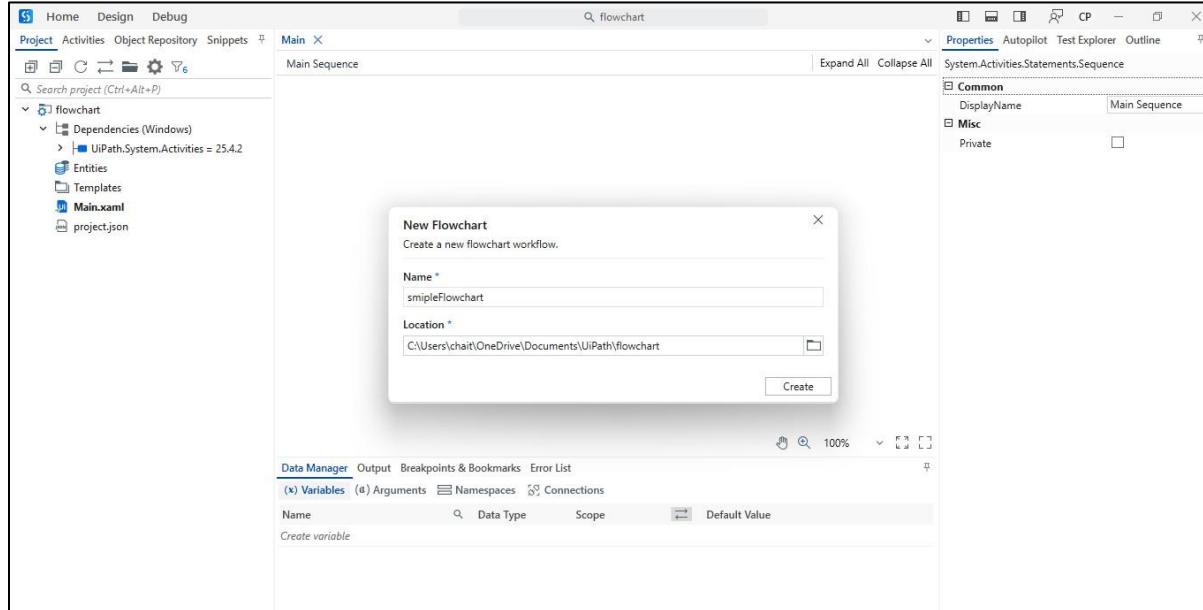
### UIPATH: DEMONSTRATE DECLARATION AND USE OF INT AND STRING VARIABLES

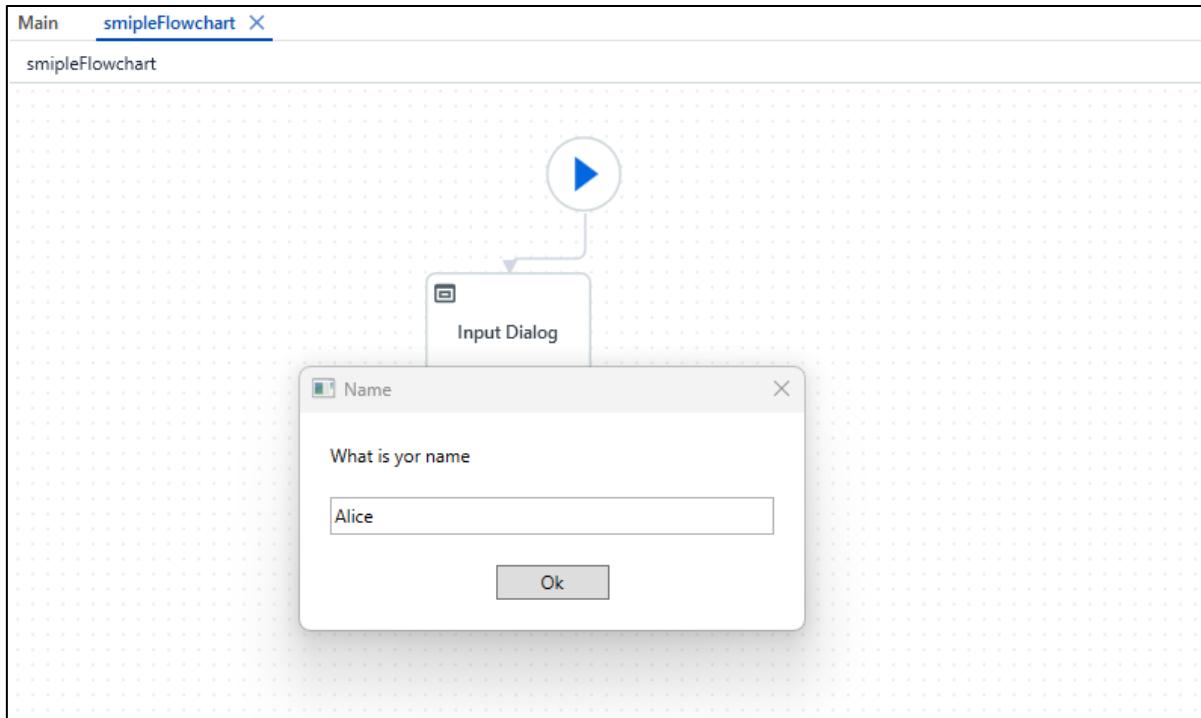


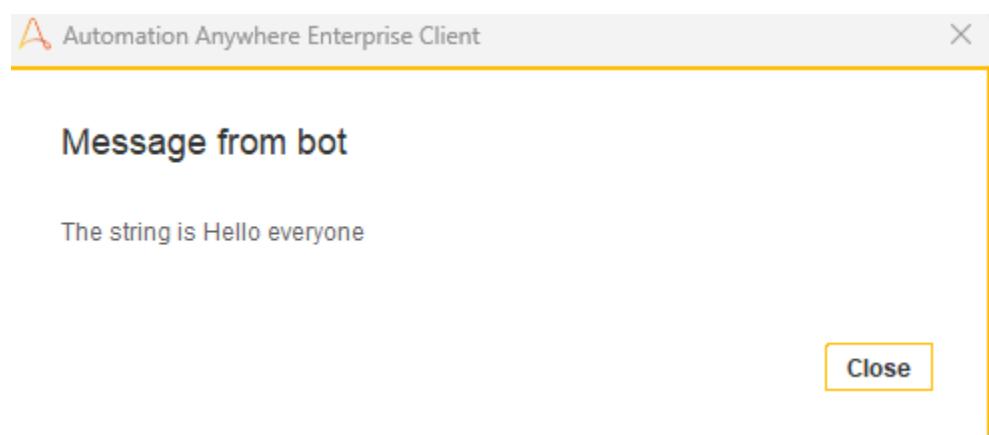
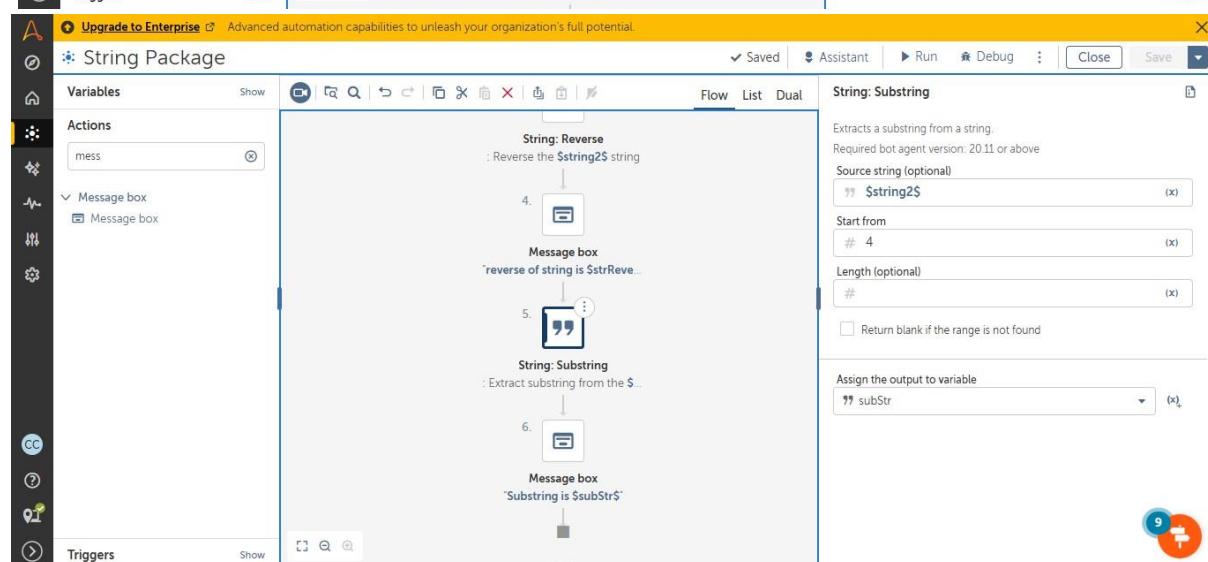
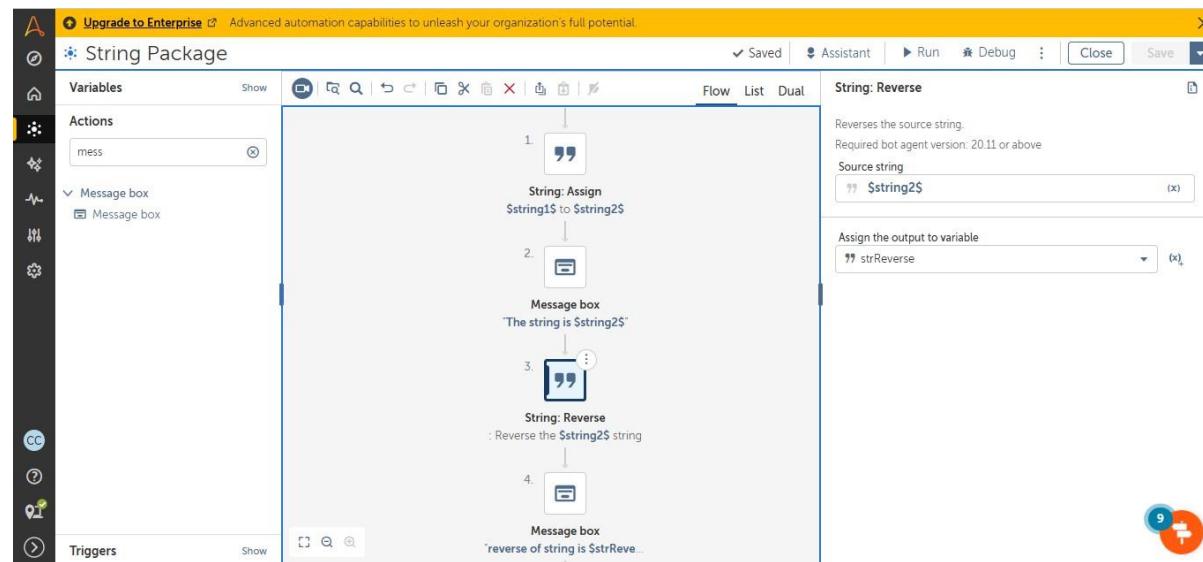


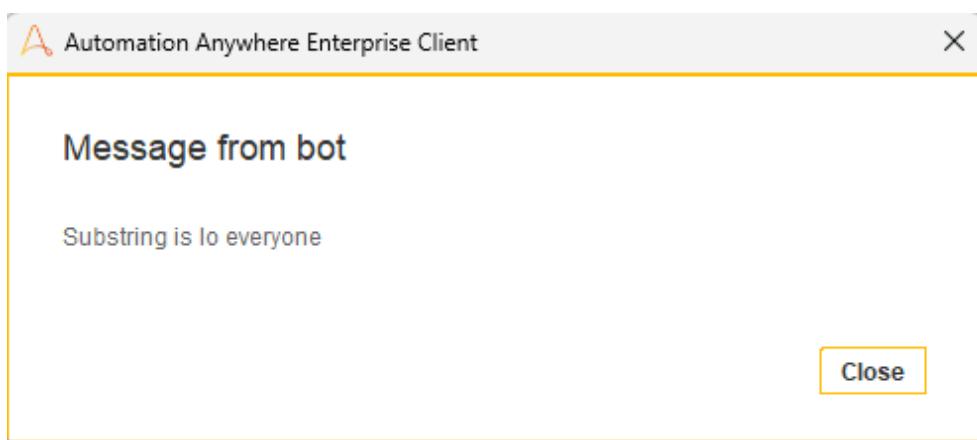
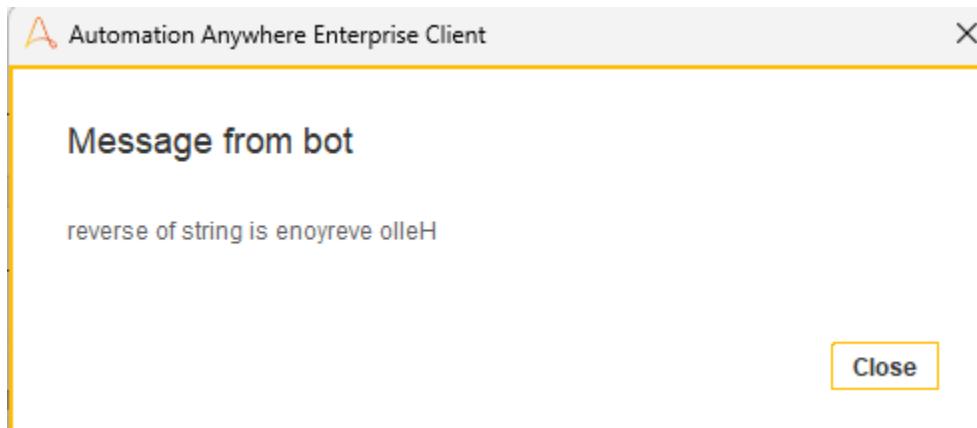
## PRACTICAL 8

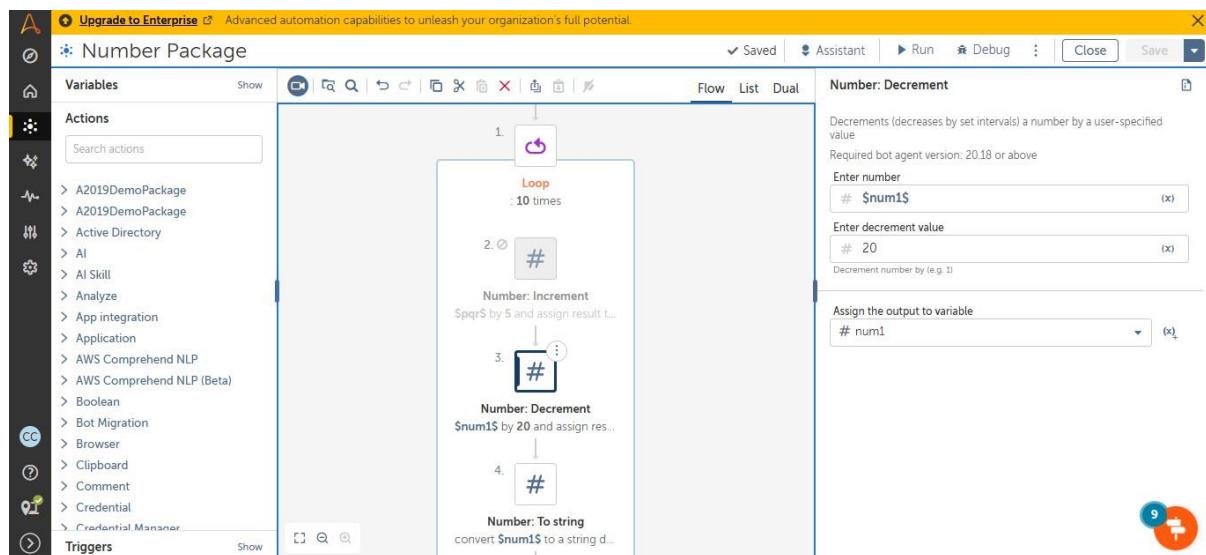
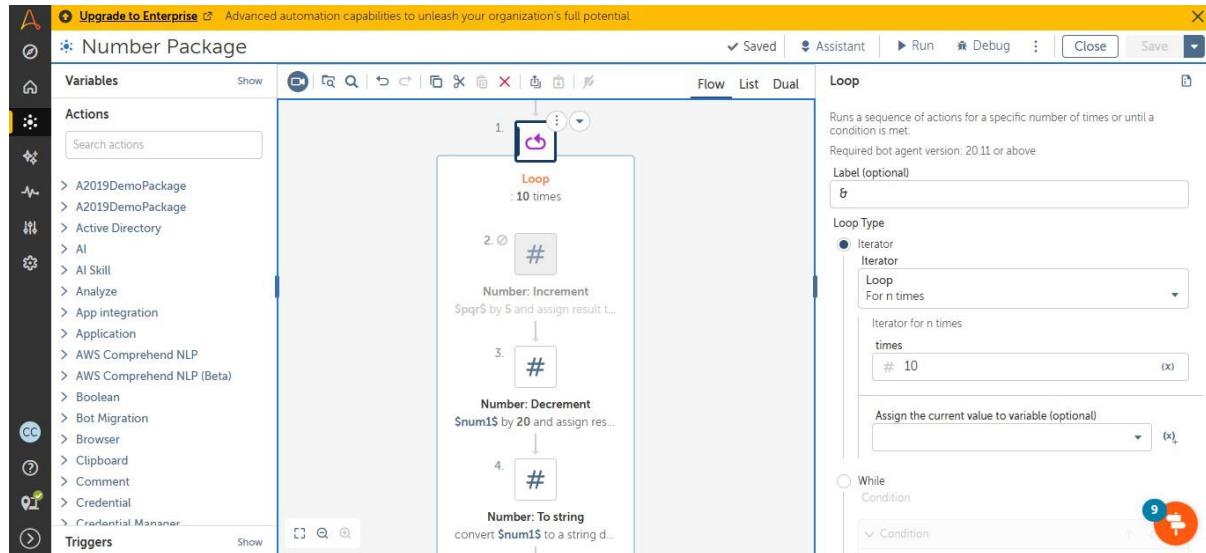
### UIPATH: DEMONSTRATE FLOWCHART





**PRACTICAL 9****AA: BOT TO DEMONSTRATE STRING FUNCTIONS**



**Practical 10****AA: Bot to demonstrate loop using Number PACKAGE**

**Number Package**

Number: To string

Converts a user-specified number to a string  
Required bot agent version: 20.18 or above

Enter a number  
# \$num1\$

Specify number to convert to string e.g. 35

Enter number of digits after decimal (number format)  
# 0

e.g. for number 35.265, enter the number of digits after decimal as 3

Assign the output to variable  
## subtraction

**Number Package**

Message box

Inserts a message box to show a message when the task runs  
Required bot agent version: 20.11 or above

Enter the message box window title  
## Automation Anywhere Enterprise Client

Enter the message to display  
## The incremented value is \$subtraction\$

Scrollbar after lines  
# 30

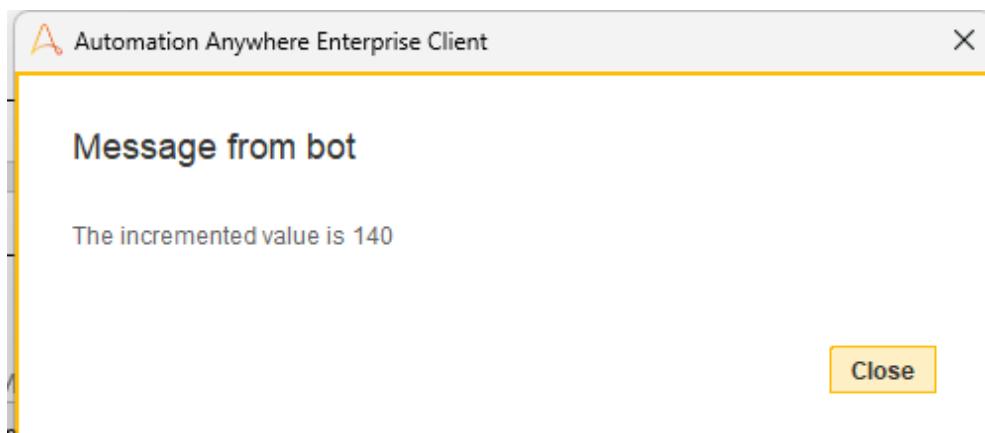
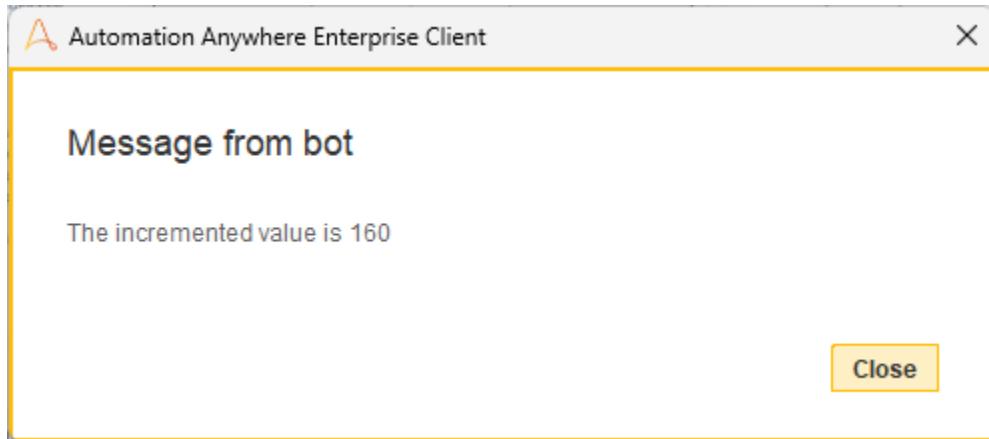
Close message box after  
Seconds

**Automation Anywhere Enterprise Client**

Message from bot

The incremented value is 180

**Close**



## PRACTICAL 11 : BOTS TO DEMONSTRATE INCREMENT AND DECREMENT OPERATIONS ON NUMBER AND DATETIME VARIABLES

**Prompt: For value**

Prompts you to enter a value  
Required bot agent version: 20.11 or above

Prompt window caption: Enter a number  
Prompt message: Enter a number:  
Mask keystroke:

Assign the value to a variable: userVal

**Number: Increment**

Increments (increases by set intervals) a number by a user-specified value  
Required bot agent version: 20.18 or above

Enter number: \$numVal\$  
Enter increment value: 5  
Increments number by value (e.g. 1)

Assign the output to variable: numVal

**Message box**

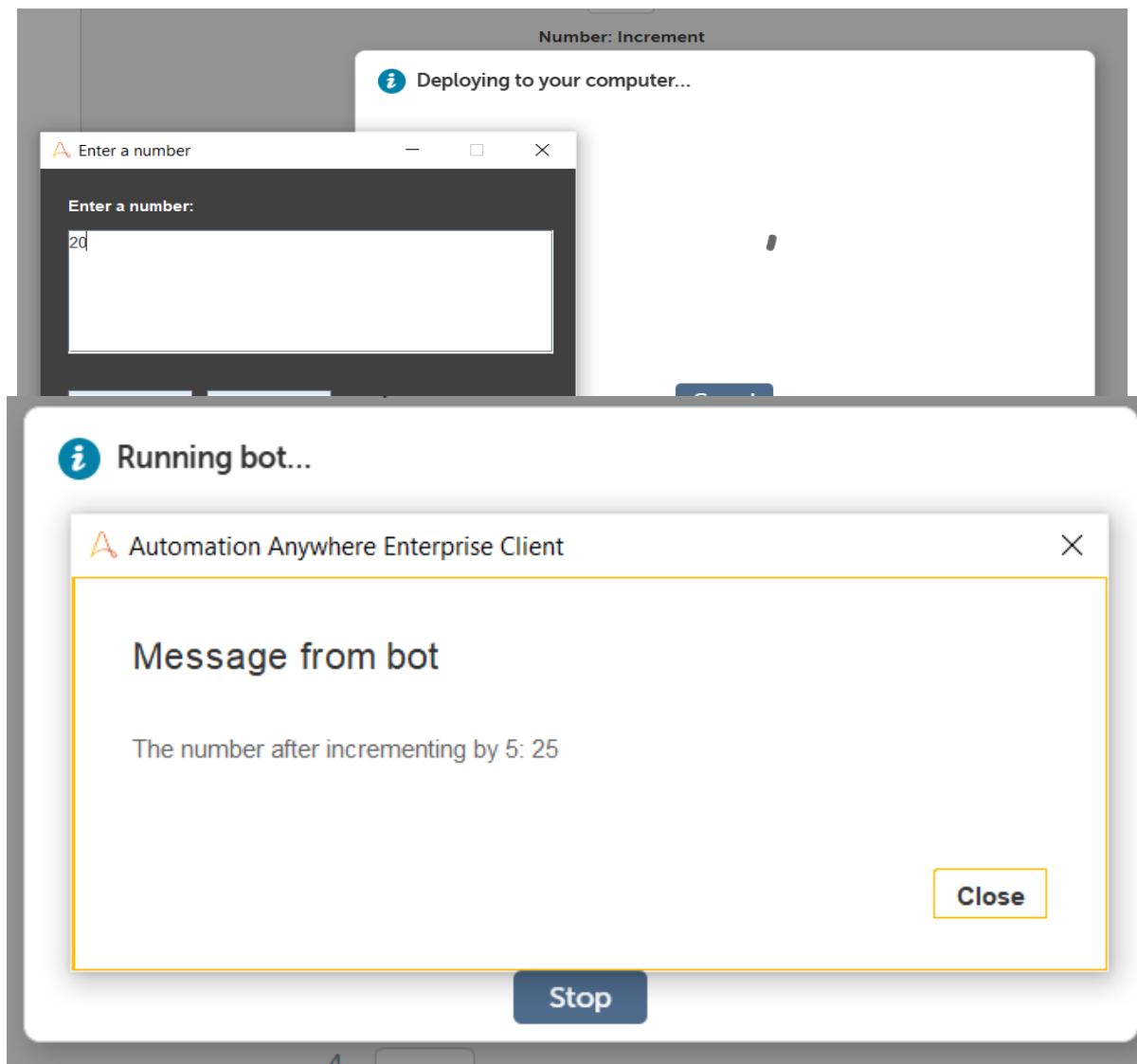
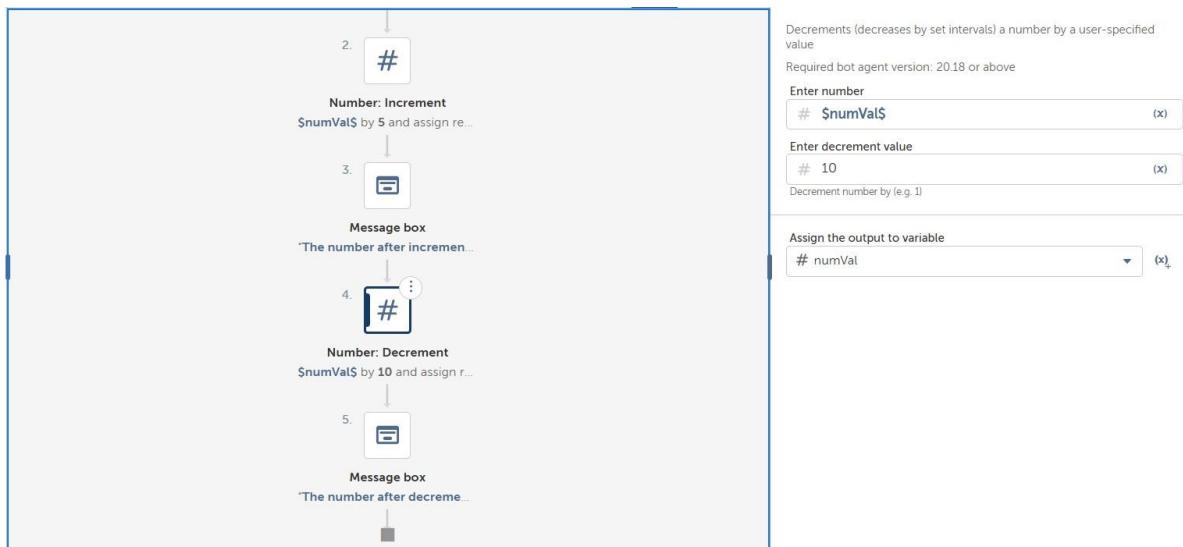
Inserts a message box to show a message when the task runs  
Required bot agent version: 20.11 or above

Enter the message box window title: Automation Anywhere Enterprise Client  
Enter the message to display: The number after incrementing by 5: \$numVal.Nt  
Scrollbar after lines: 30  
Close message box after:  Required  
Seconds:

**Number: Decrement**

\$numVal\$ by 10 and assign r...

The number after decreme...



 Running bot...

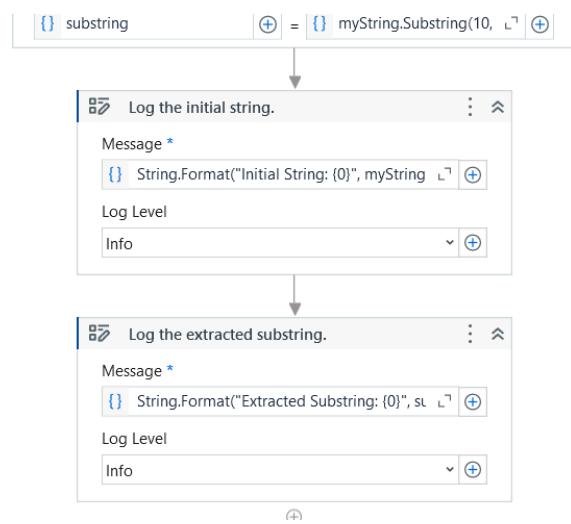
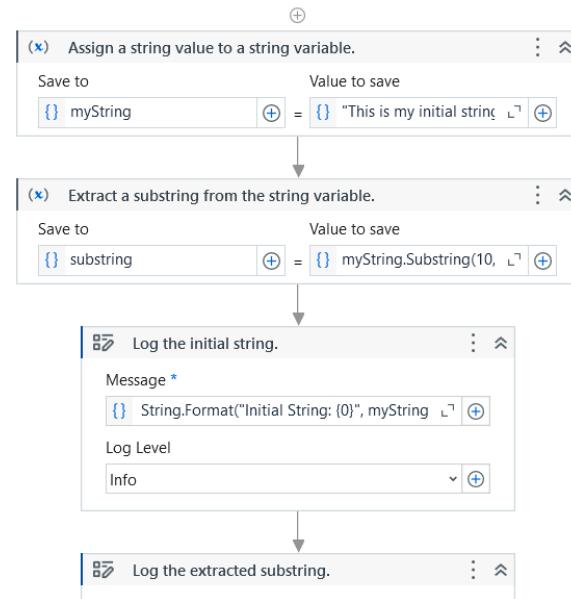
 Automation Anywhere Enterprise Client X

### Message from bot

The number after decrementing by 10: 15

Close

Stop

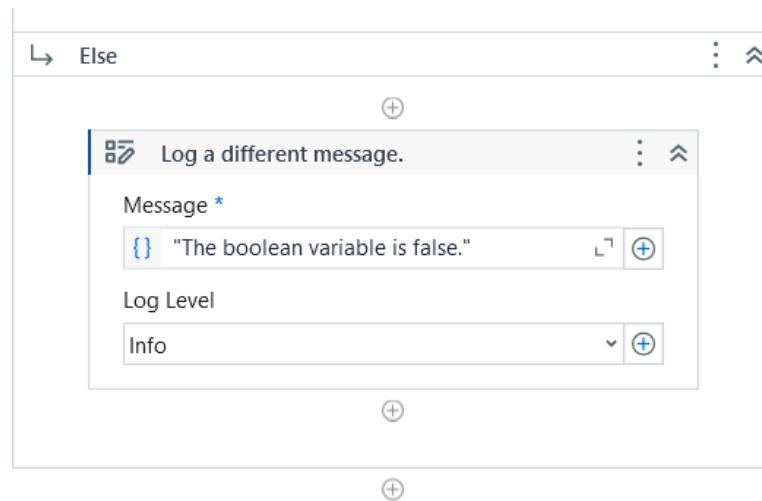
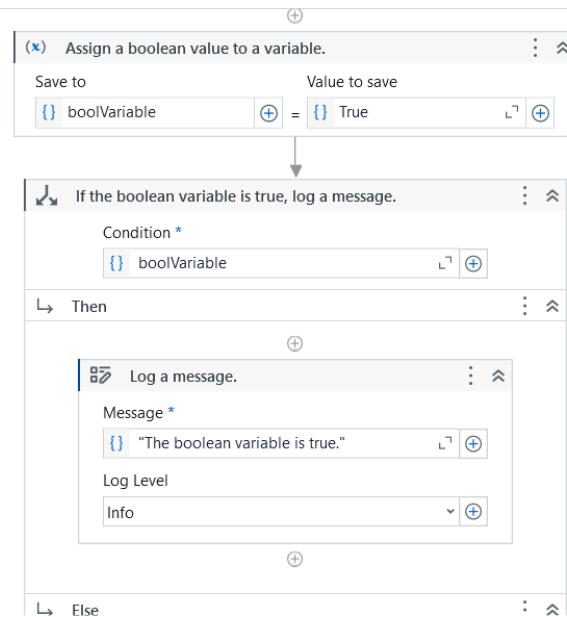
**PRACTICAL 12: DEMONSTRATE SUBSTRING USING STRING VARIABLE IN UIPATH**

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Data Manager Output Breakpoints & Bookmarks Error List

Source Debug ▼ 4 ⌚ ☰ ✖

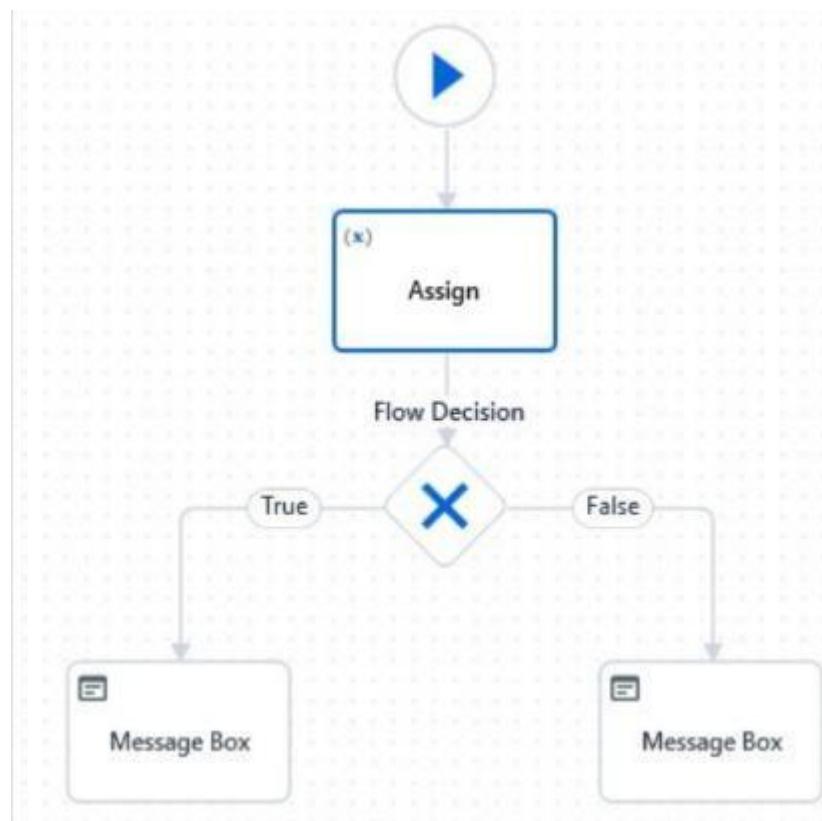
- ① Debug started for file: prac12
- ① BlankProcess execution started
- ① Initial String: This is my initial string for demonstration purposes.
- ① Extracted Substring: initi
- ① BlankProcess execution ended in: 00:00:01

**PRACTICAL 13: BOT TO DEMONSTRATE BOOLEAN VARIABLE USING FLOW DECISION**

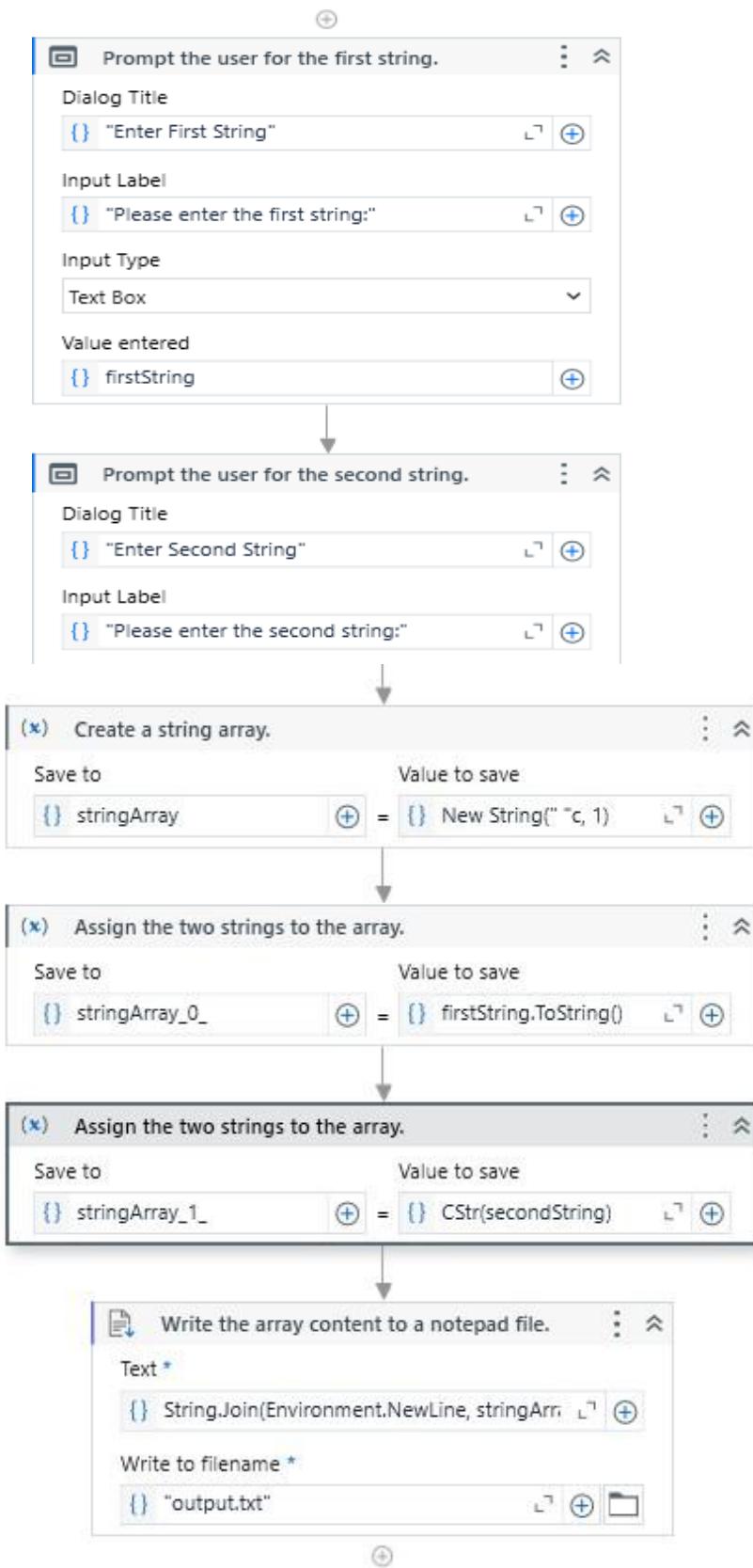
Data Manager **Output** Breakpoints & Bookmarks Error List

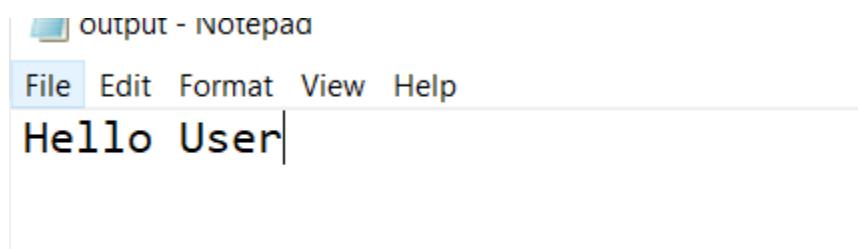
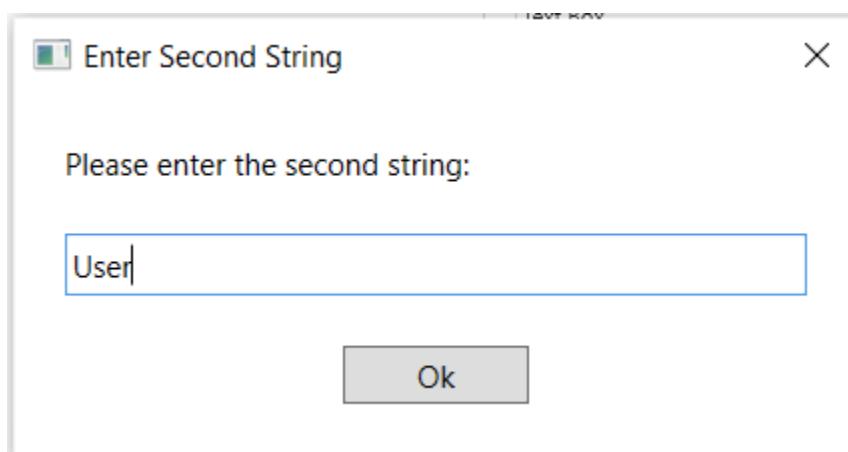
Source Debug ▼ T 4 🕒 ☰ ✖

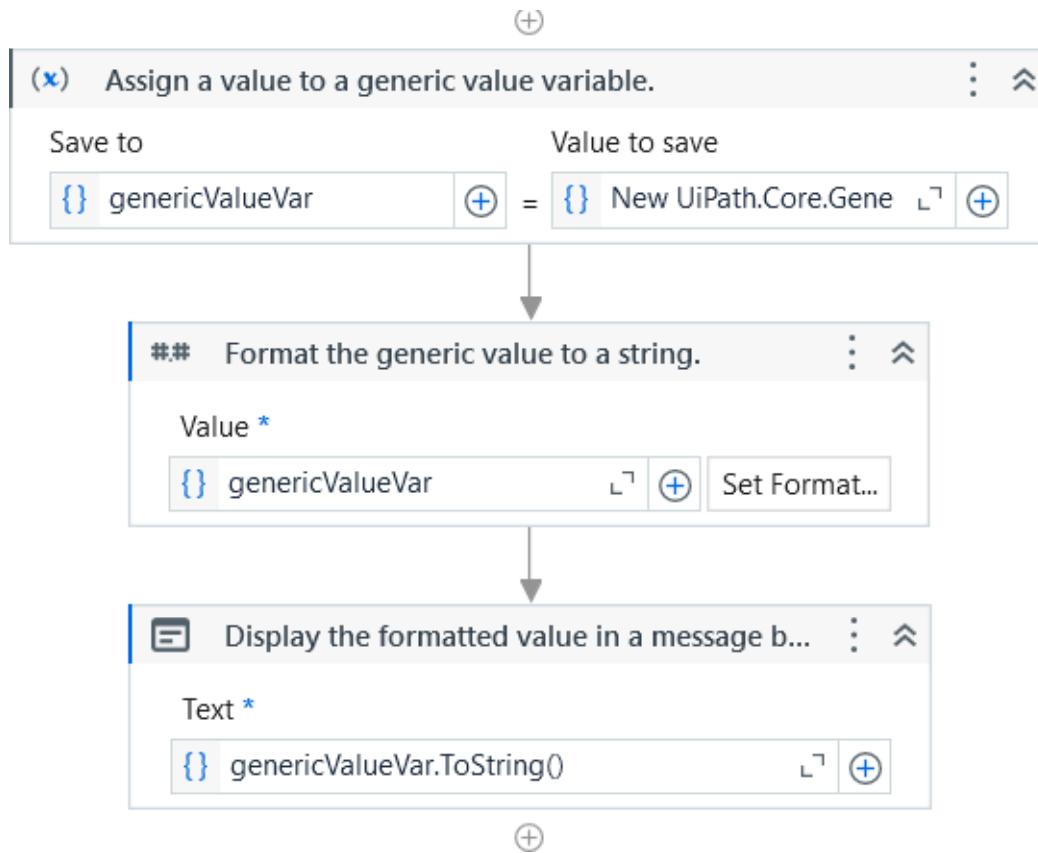
- ① Debug started for file: prac13
- ① BlankProcess execution started
- ① The boolean variable is true.
- ① BlankProcess execution ended in: 00:00:01

**PRACTICAL 14: DEMONSTRATE FLOW DECISION FOR RANDOM NUMBERS**



**PRACTICAL 15: DESIGN A BOT TO ACCEPT TWO STRINGS IN A ARRAY AND WRITE IT INTO A NOTEPAD FILE**

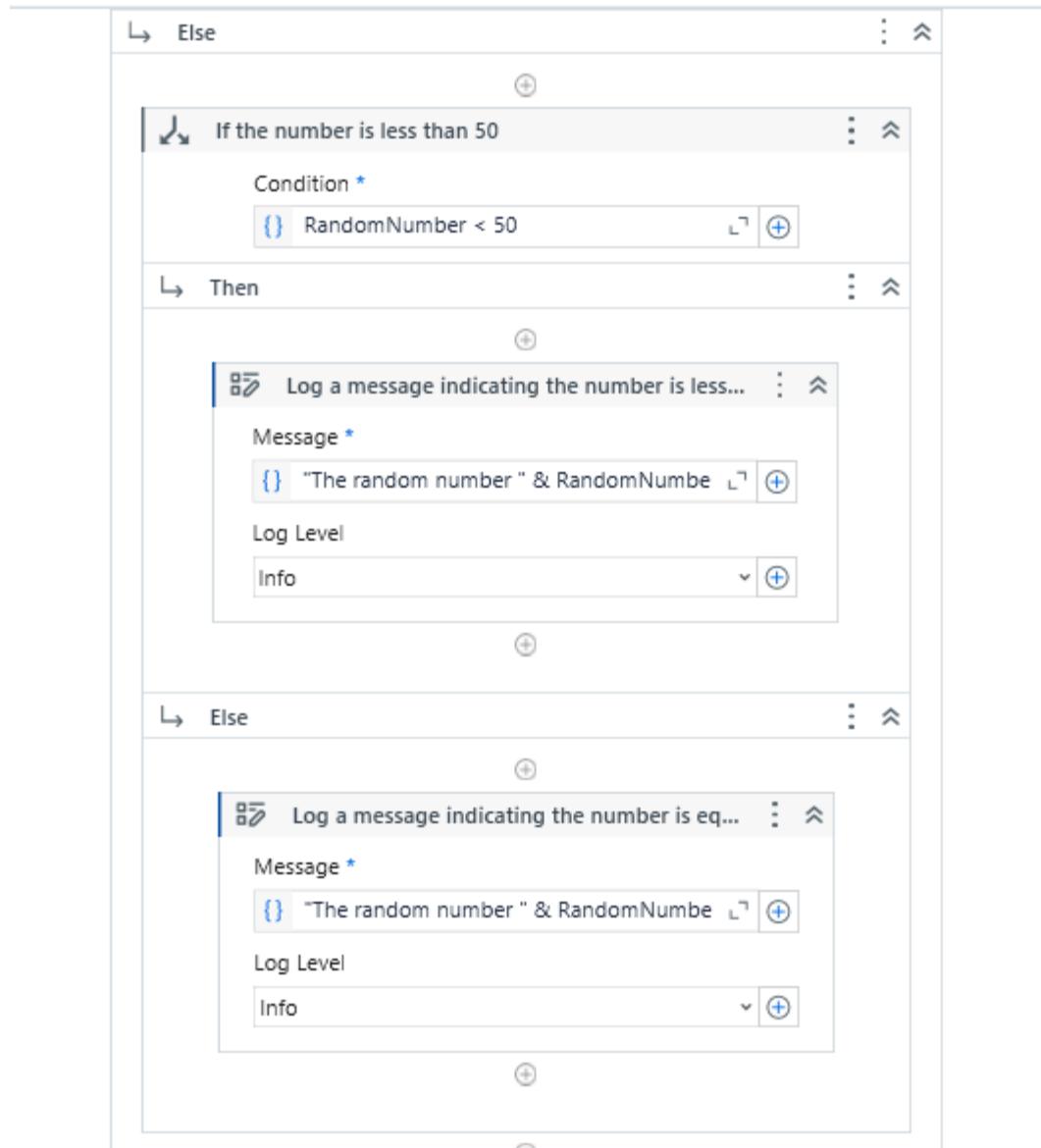


**PRACTICAL 16: DEMONSTRATE GENERIC VALUE VARIABLES**

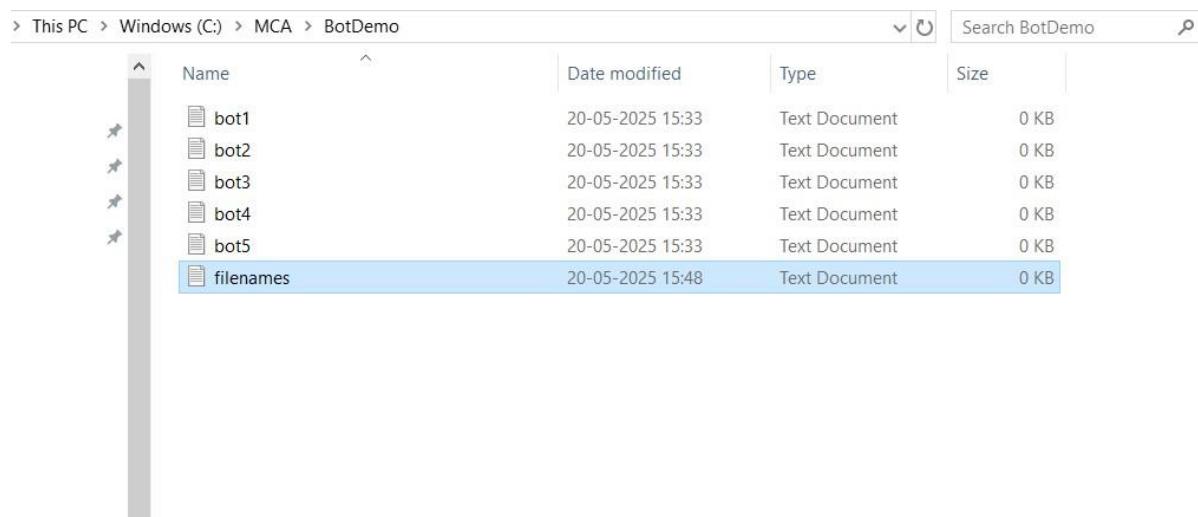
Display the formatted value in a message box... X

123.45

OK



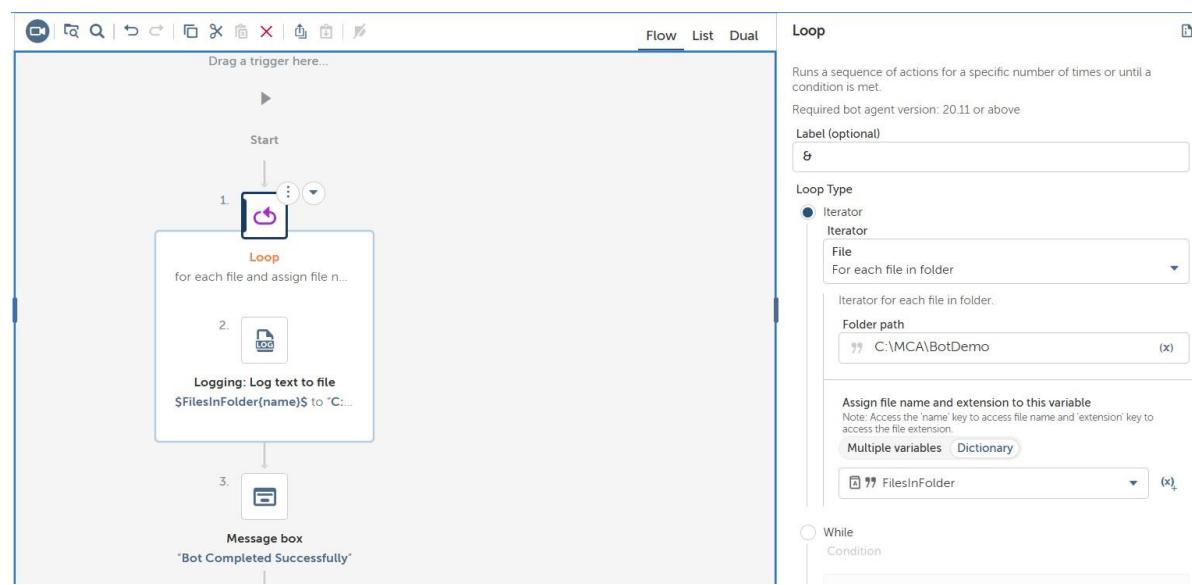
## PRACTICAL 17: BOT TO DEMONSTRATE READING FILE NAMES IN A FOLDER AND WRITING THOSE INTO NOTEPAD FILE IN AUTOMATION ANYWHERE



### Edit variable

Type  
String

Name <input type="text" value="FolderPath"/>	Description (optional) <input type="text" value="Text"/>
Maximum = 50 characters	
Maximum = 255 characters	
<input type="checkbox"/> Use as input <input type="checkbox"/> Use as output <input type="checkbox"/> Constant (read-only)	
Default value <input c:\\mca\\botdemo\""="" type="text" value="\"/>	



**i Deploying to your computer...**

**A Automation Anywhere Enterprise Client**

**Message from bot**

Bot Completed Successfully

**filenames - Notepad**

File Edit Format View Help

```
bot1
bot2
bot3
bot4
bot5
filenames
```

**Logging: Log text to file**

Creates a log file with data about events that occur when a TaskBot runs  
Required bot agent version: 20.11 or above

**File path**: C:\MCA\BotDemo\filenames.txt

**Enter text to log**: \$FilesInFolder(name)\$

Append timestamp  
 Append to existing log file  
 Overwrite existing log file

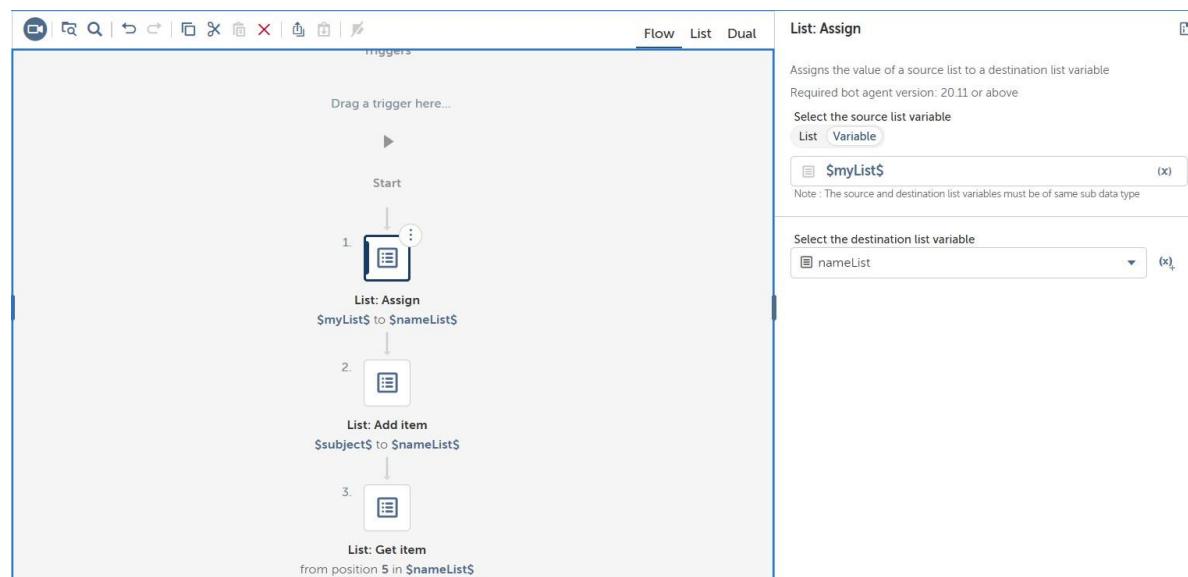
**Encoding**: ANSI

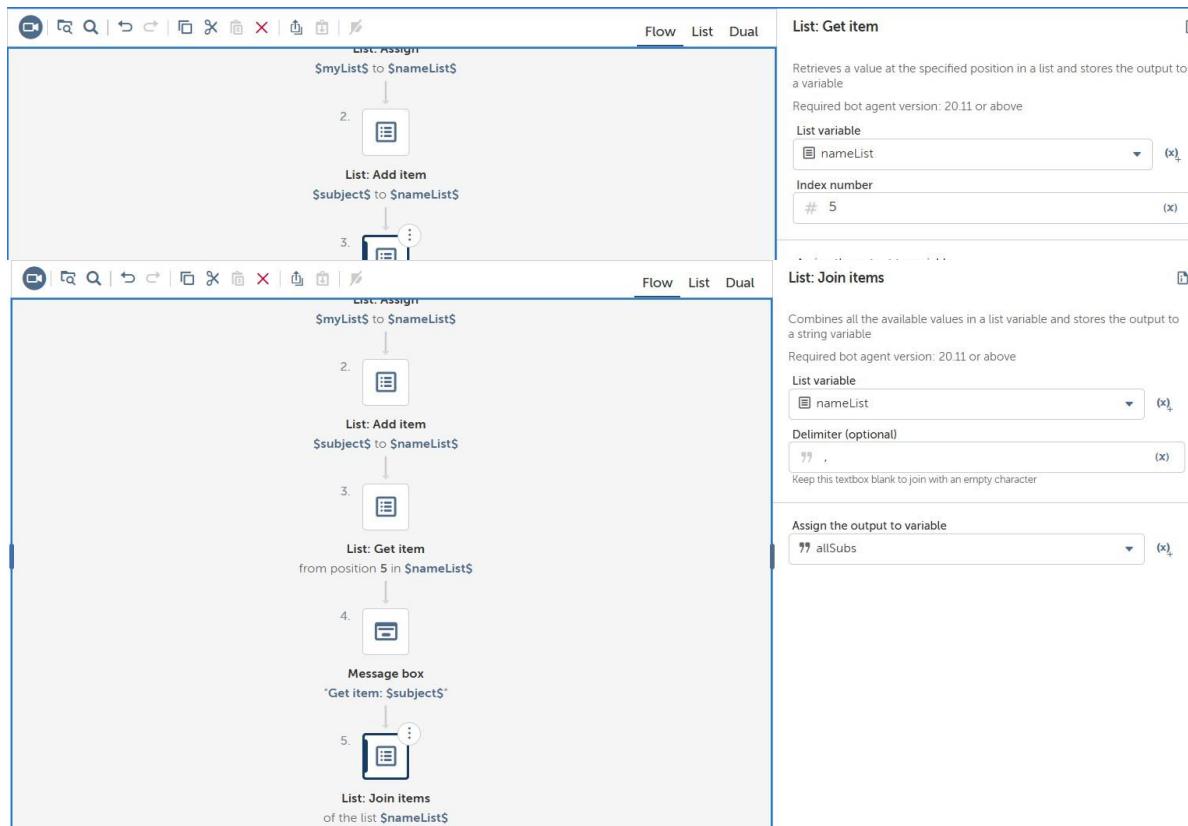
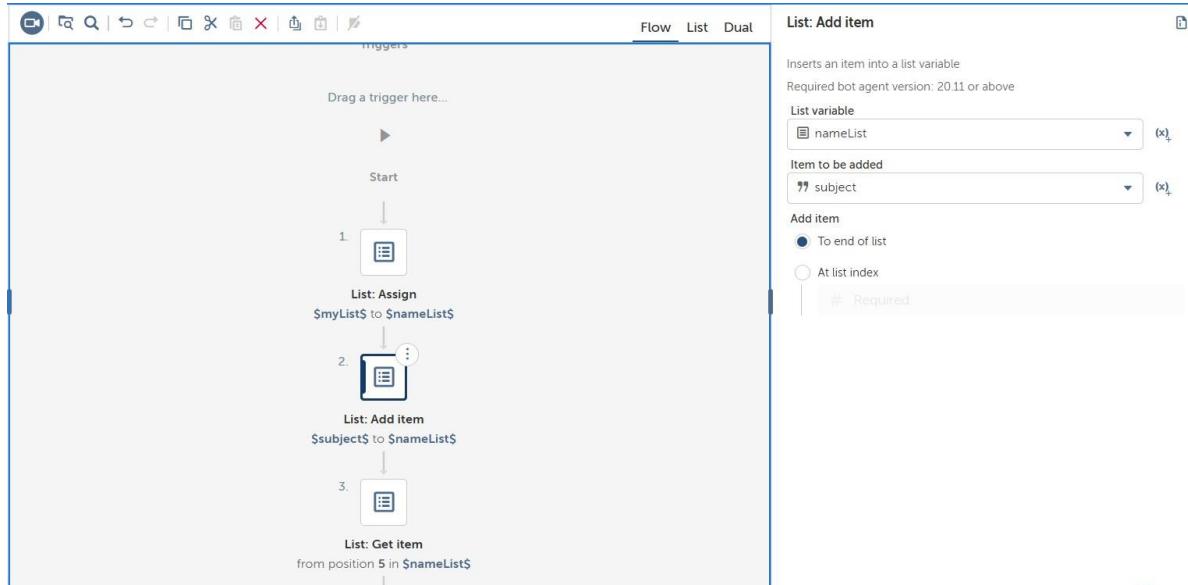
```
graph TD; Start((Start)) --> Loop{Loop}; Loop --> Log[Logging: Log text to file]; Log --> Message[Message box: "Bot Completed Successfully"];
```

**PRACTICAL 18: BOT TO DEMONSTRATE LIST VARIABLE USING LIST PACKAGE IN AA****Edit variable**

Default value (optional)

<b>Entry</b>	<input type="button" value="↑"/>	<input type="button" value="↓"/>	<input type="button" value="X"/>
Value at 0			
Networking			
<b>Entry</b>	<input type="button" value="↑"/>	<input type="button" value="↓"/>	<input type="button" value="X"/>
Value at 1			
AIML			
<b>Entry</b>	<input type="button" value="↑"/>	<input type="button" value="↓"/>	<input type="button" value="X"/>
Value at 2			
DevOps			
<b>Entry</b>	<input type="button" value="↑"/>	<input type="button" value="↓"/>	<input type="button" value="X"/>
Value at 3			
AWT			
<b>Entry</b>	<input type="button" value="↑"/>	<input type="button" value="↓"/>	<input type="button" value="X"/>
Value at 4			
UI			





**i Deploying to your computer...** Automation Anywhere Enterprise Client X**Message from bot**

Get item: RPA

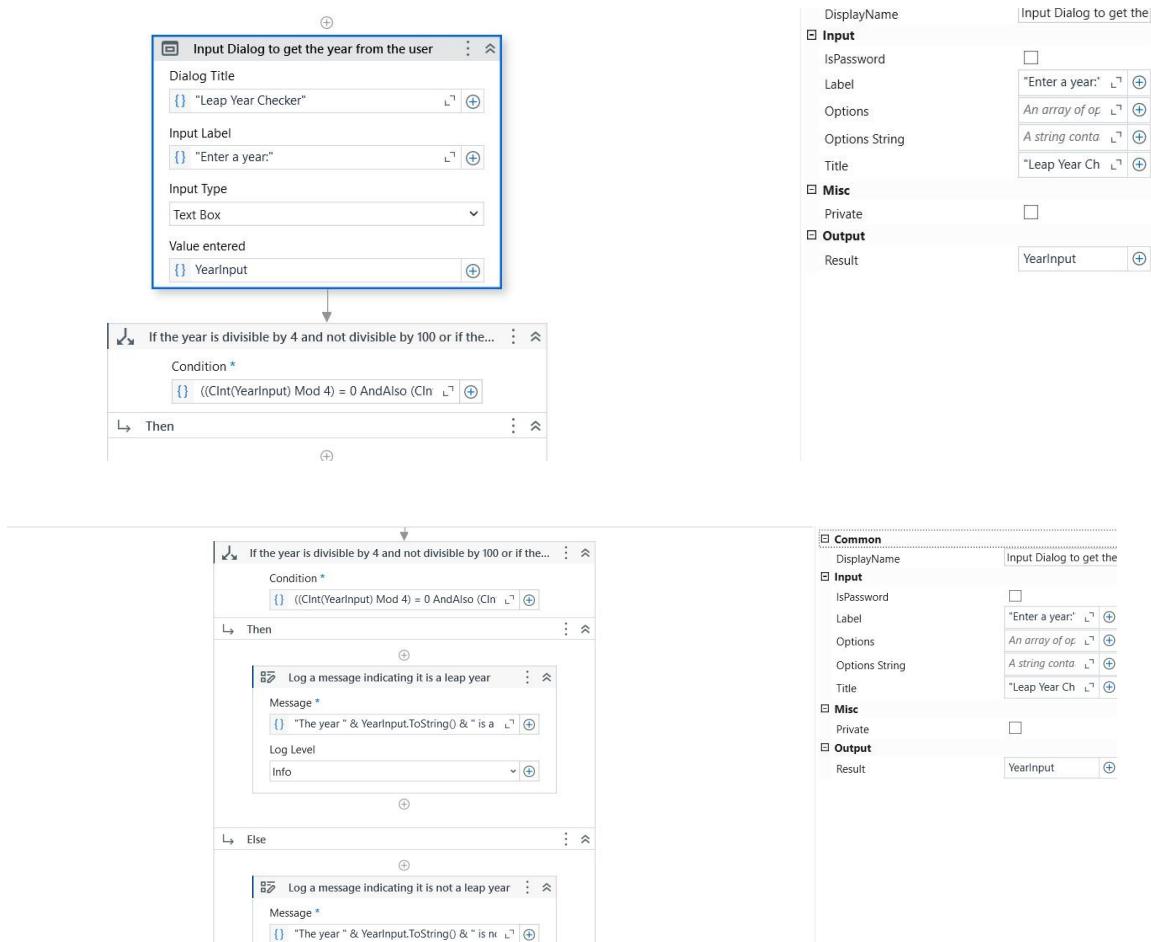
CloseCancel Automation Anywhere Enterprise Client X**Message from bot**

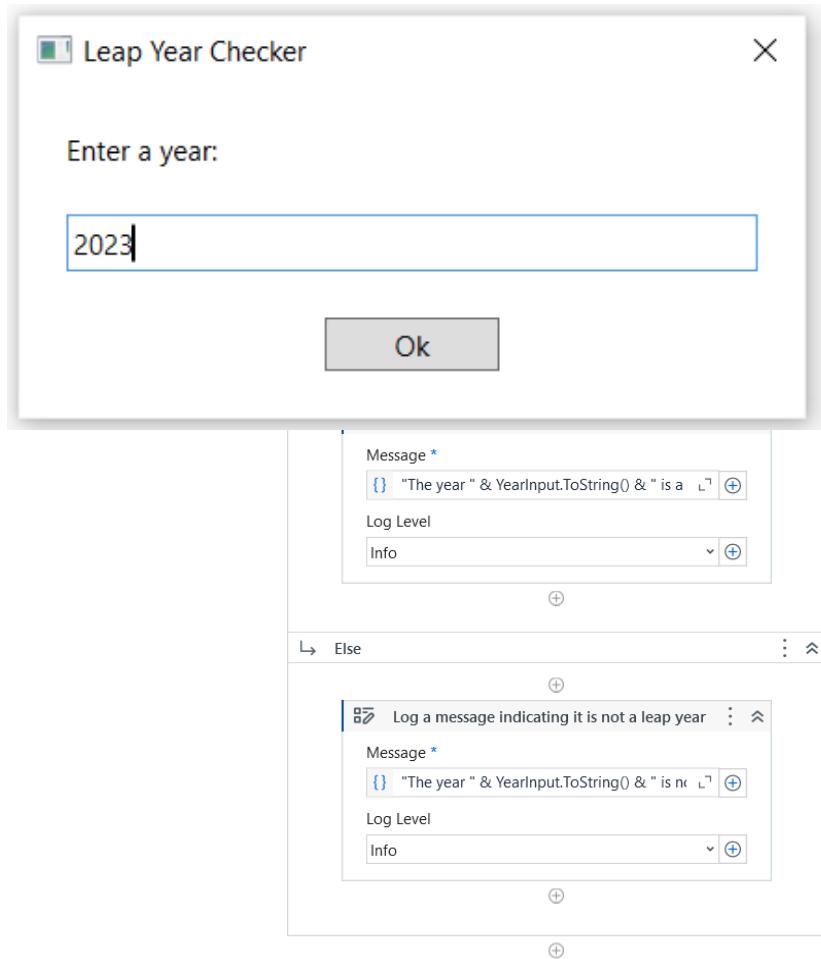
Item removed is AIML

CloseCancel**i Deploying to your computer...** Automation Anywhere Enterprise Client X**Message from bot**

All subjects: Networking,AIML,DevOps,AWT,UI,RPA

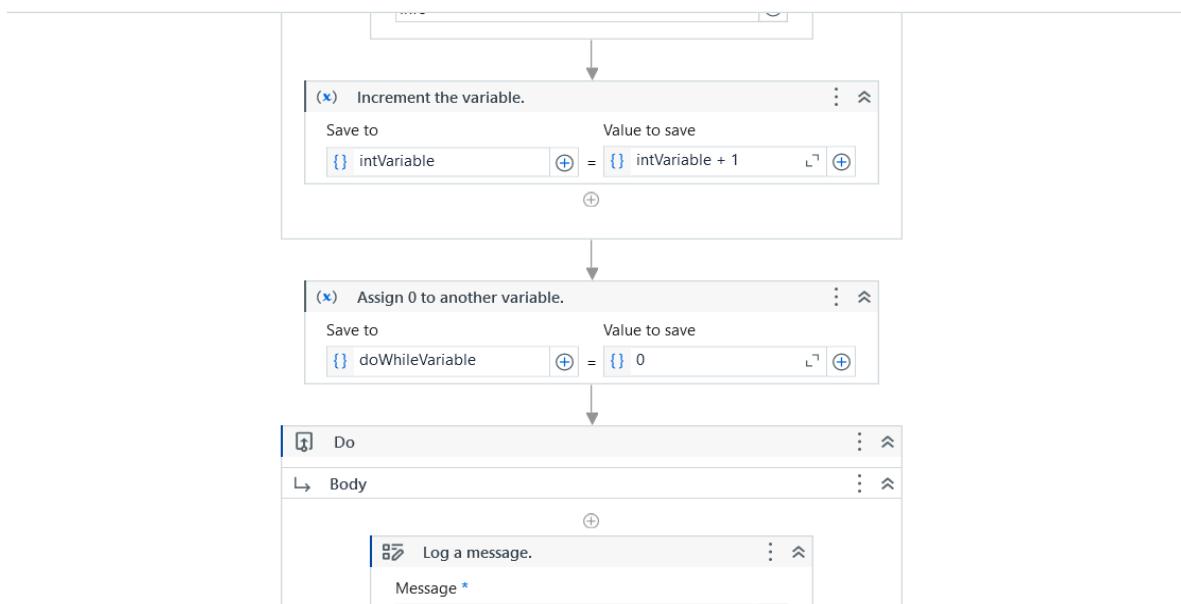
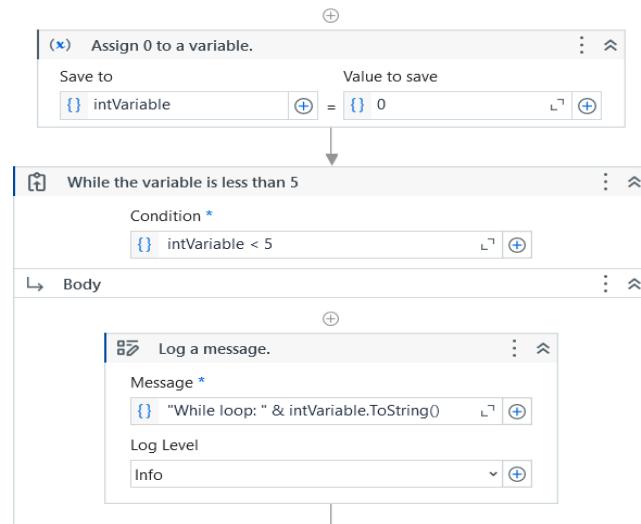
CloseCancel

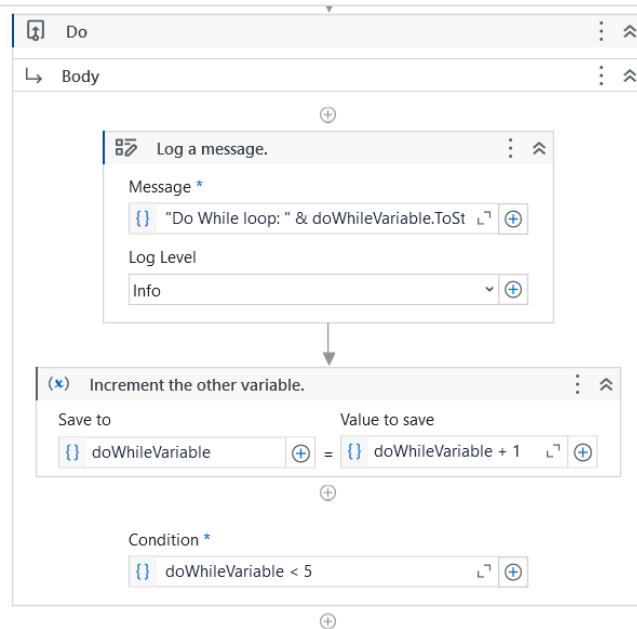
**PRACTICAL 19: WRITE A BOT TO CHECK YEAR IS A LEAP YEAR AND ELSEIF IN UIPATH**



- ① Debug started for file: prac19
- ① BlankProcess execution started
- ① The year 2023 is not a leap year.
- ① BlankProcess execution ended in: 00:01:46

- 
- ① Debug started for file: prac19
  - ① BlankProcess execution started
  - ① The year 2024 is a leap year.
  - ① BlankProcess execution ended in: 00:00:07

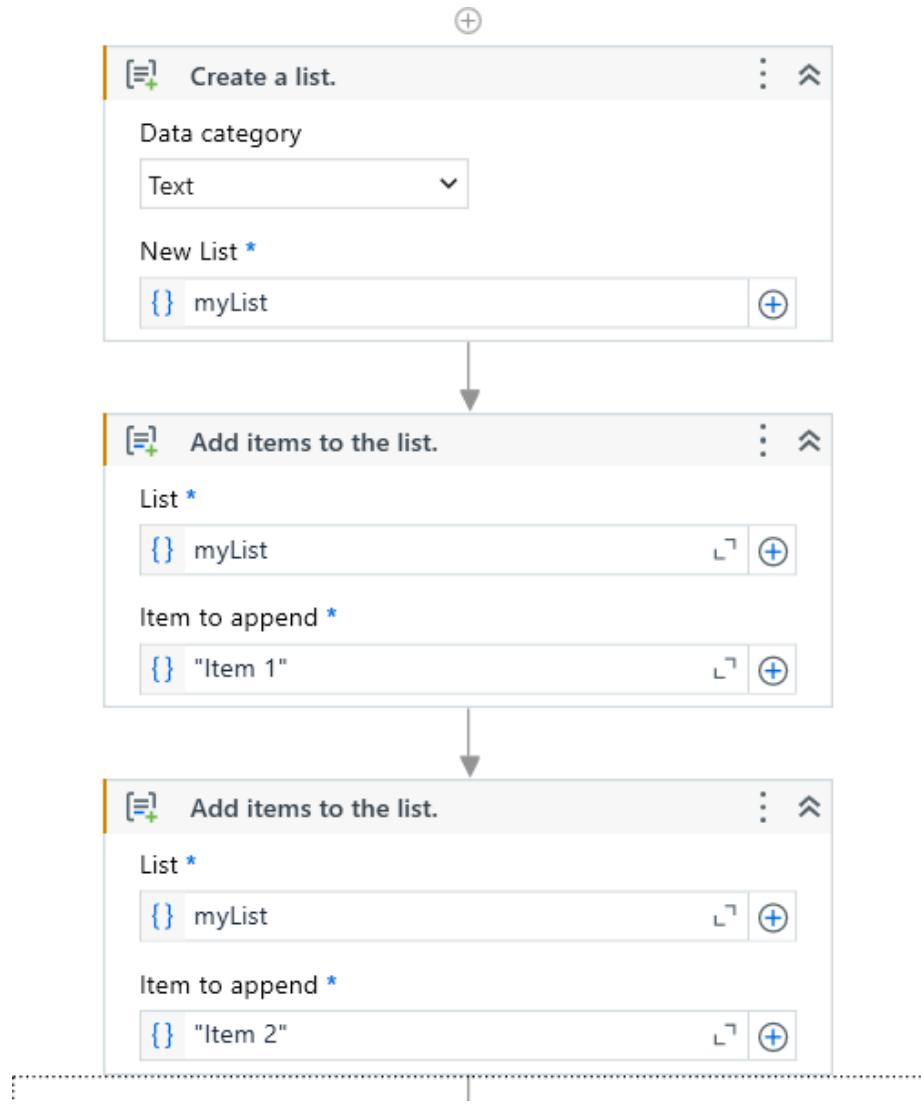
**PRACTICAL 20: BOT TO DEMONSTRATE WHILE LOOP AND DO WHILE LOOP**

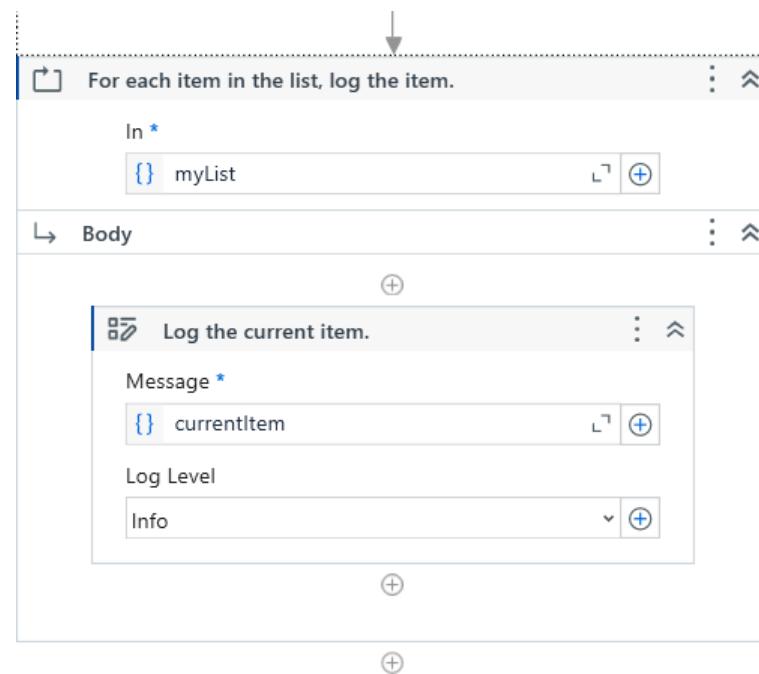


Data Manager Output Breakpoints & Bookmarks Error List

Source Debug ▼ 4 ⌚ ☰ ✖

- ① Debug started for file: prac20
- ① BlankProcess execution started
- ① While loop: 0
- ① While loop: 1
- ① While loop: 2
- ① While loop: 3
- ① While loop: 4
- ① Do While loop: 0
- ① Do While loop: 1
- ① Do While loop: 2
- ① Do While loop: 3
- ① Do While loop: 4
- ① BlankProcess execution ended in: 00:00:02

**PRACTICAL 21 UIPATH: DEMONSTRATE FOREACH FOR LIST VARIABLE**



### Output

Source

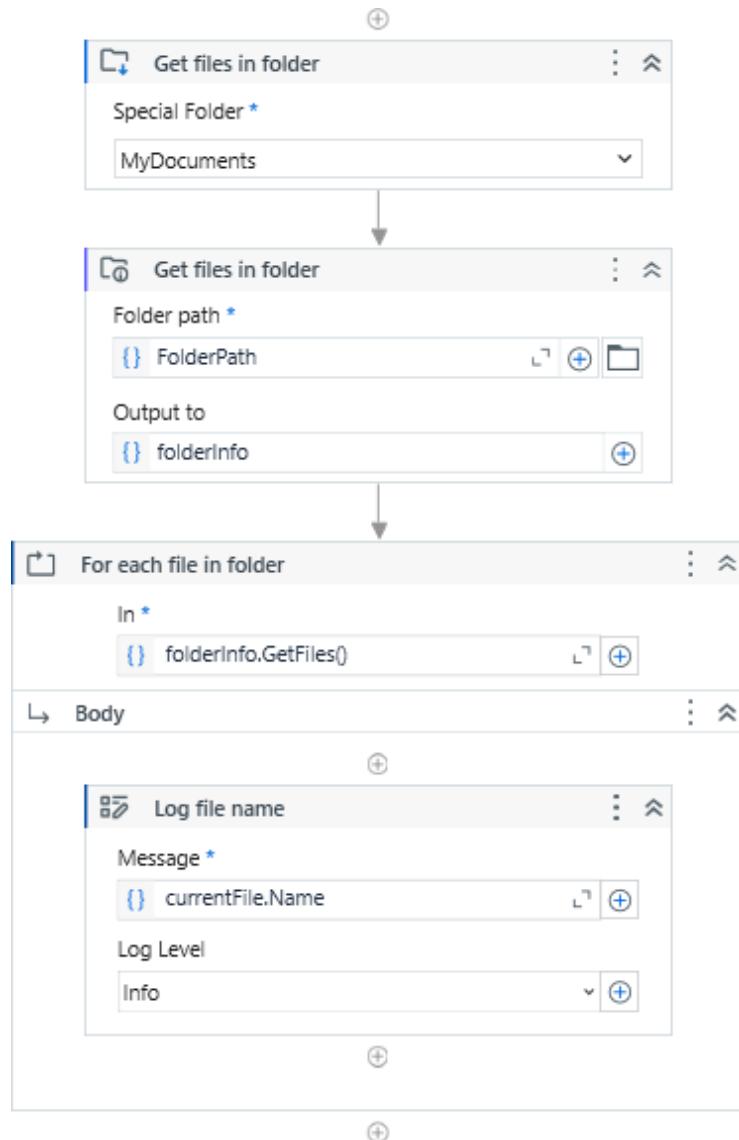
Debug



4

 Search

- ① Debug started for file: Sequence
- ① BlankProcess2 execution started
- ① Item 1
- ① Item 2
- ① BlankProcess2 execution ended in: 00:00:01

**PRACTICAL 22 UIPATH: DEMONSTRATE FOREACH FOR FILES IN A FOLDER**

**Output**

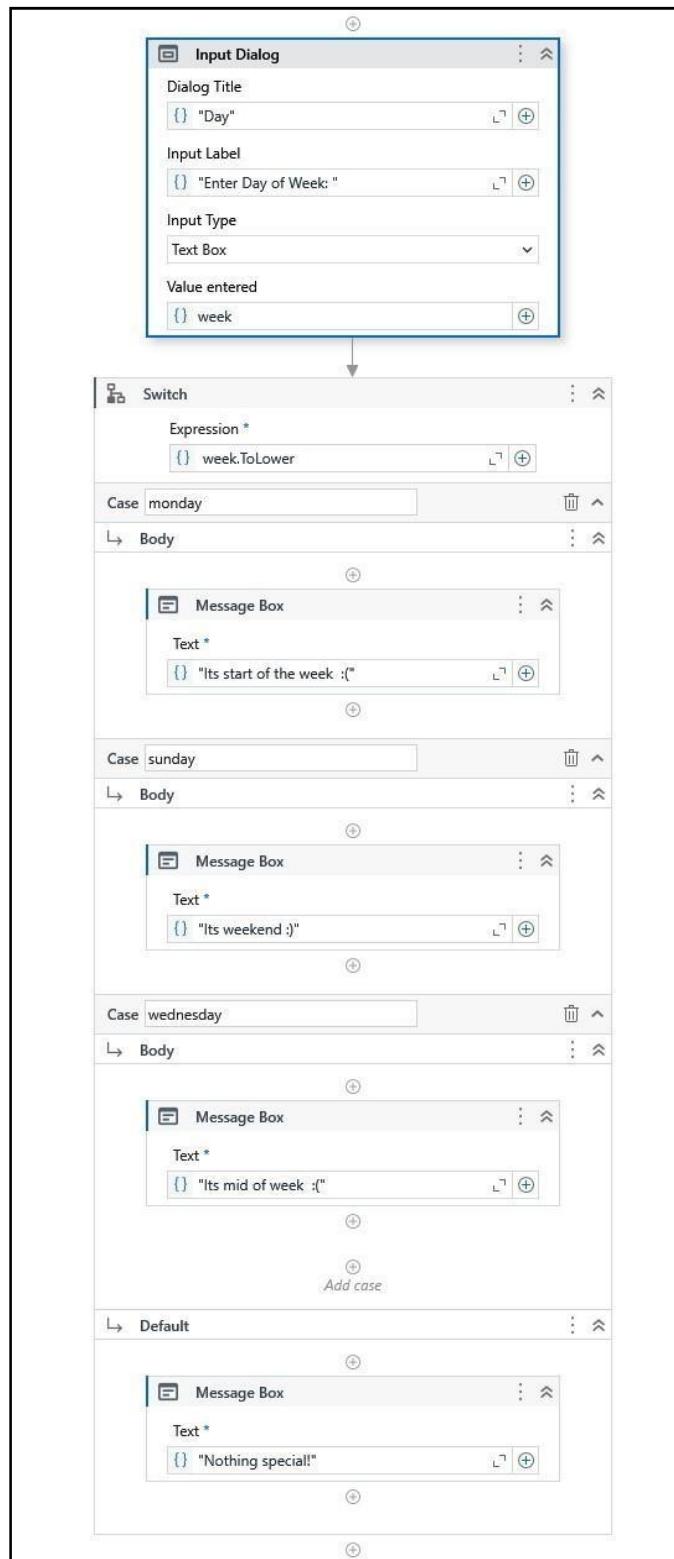
Source Debug

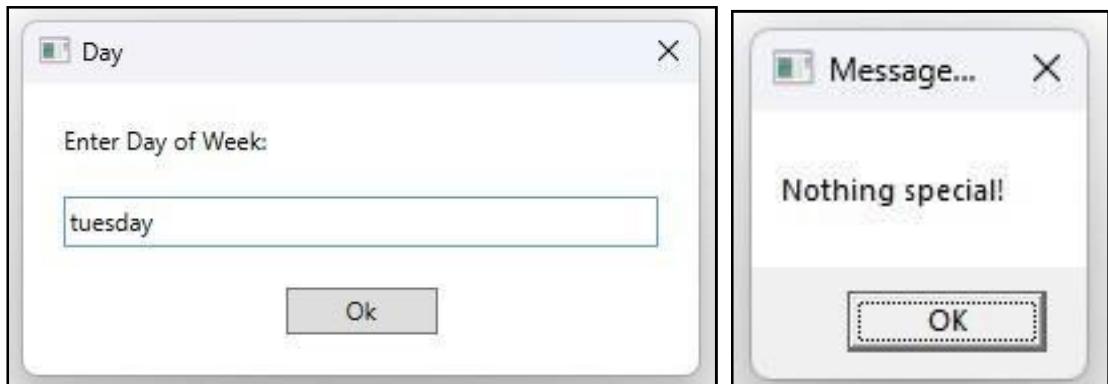
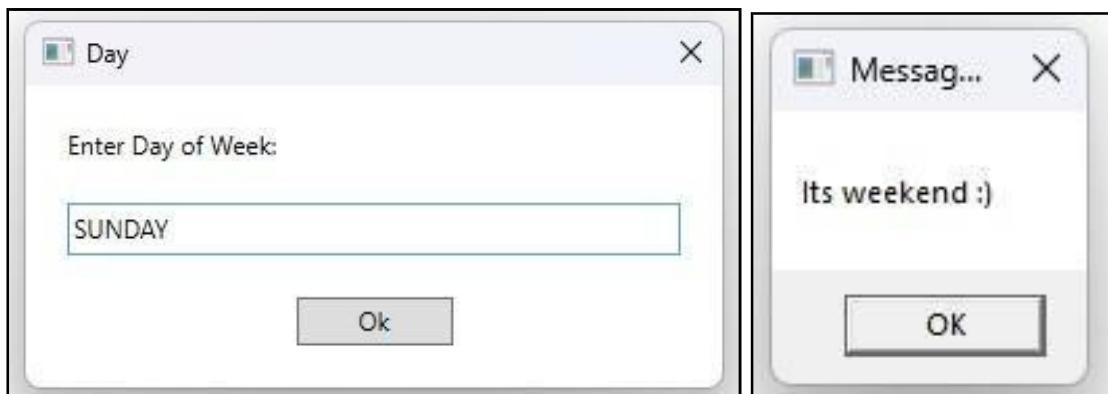
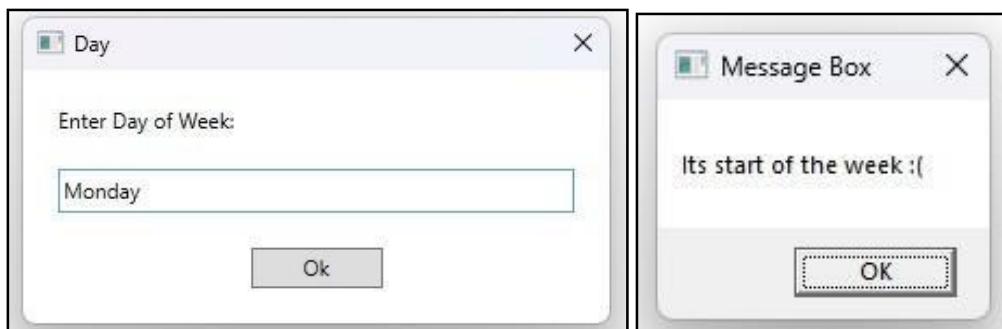


A magnifying glass icon followed by the word 'Search'.



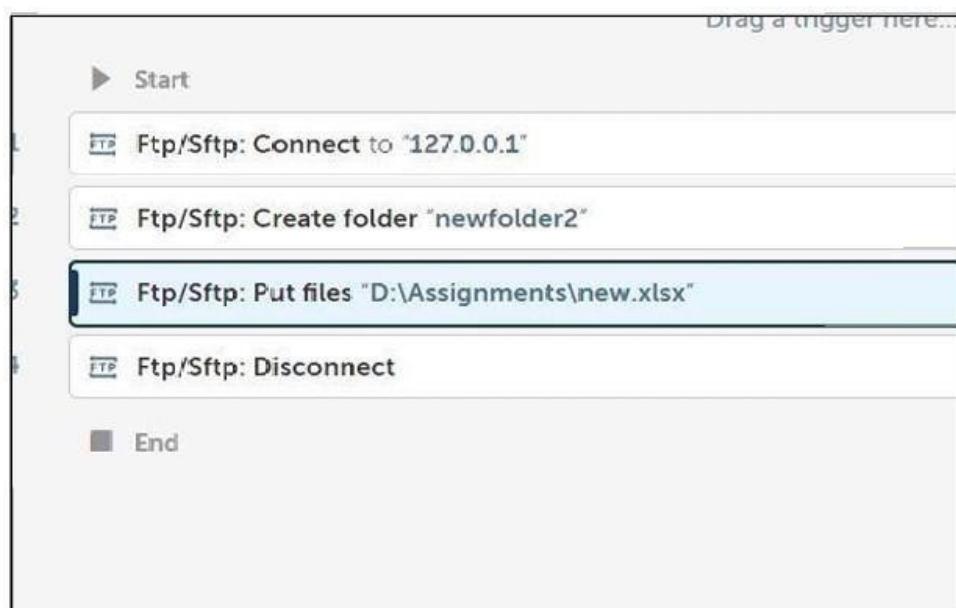
- ① Debug started for file: Sequence1
- ① BlankProcess2 execution started
- ① .RData
- ① .Rhistory
- ① AHP\_DOC.doc
- ① book review.pdf
- ① Default.rdp
- ① desktop.ini
- ① DOC-20250326-WA0036.\_copy[1].pdf
- ① MediCare\_Medication\_Reminder\_App[1].docx
- ① BlankProcess2 execution ended in: 00:00:01

**PRACTICAL 23****UIPATH: DEMONSTRATE SWITCH**



## Practical 24

### AA: DESIGN AND CREATE A BOT TO CREATE A FOLDER AND TRANSFER FILES TO A SERVER (FTP)



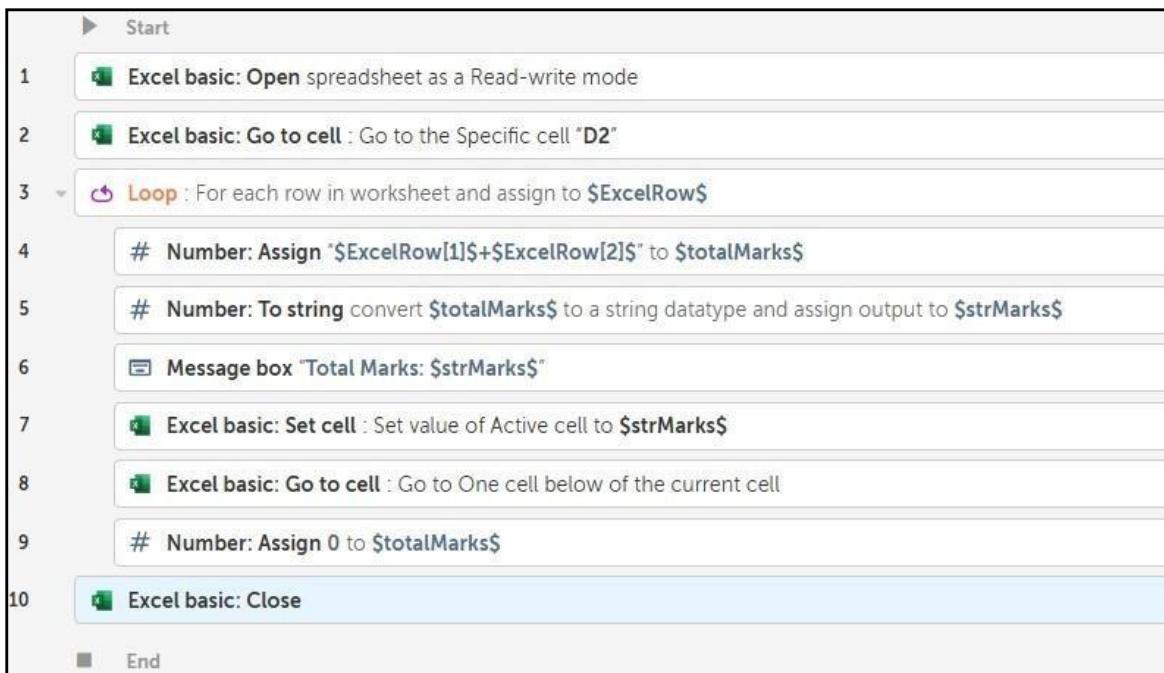
### OUTPUT:

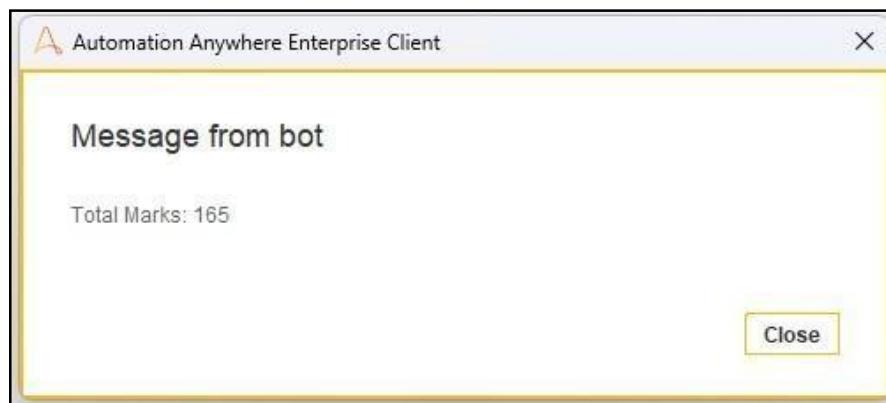
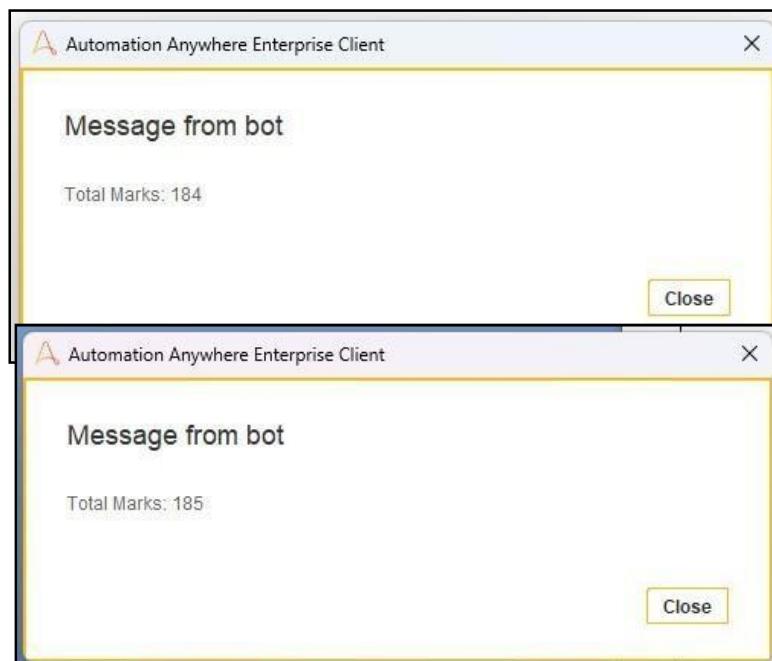
```
FileZilla Server (127.0.0.1)
File  Server  Edit  ?
/C/ C:\  ▾
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> REST STREAM
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> SIZE
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> MLST type:"size";modify:
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> MLSL
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> UTF8
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> CLNT
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> MFMT
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 211 End
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> OPTS UTF8 ON
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 200 UTF8 mode enabled
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> CWD /
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 250 CWD successful. "/" is current directory.
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> PWD
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 257 "/" is current directory.
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> MKD newfolder2
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 257 "/newfolder2" created successfully
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> CWD /
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 250 CWD successful. "/" is current directory.
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> TYPE I
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 200 Type set to I
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> PASV
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 227 Entering Passive Mode (127.0.0.1,158,147)
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> STOR new.xlsx
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 150 Connection accepted
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 226 Transfer OK
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> QUIT
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> 221 Goodbye
(000008)16-06-2024 17:16:22 - yashika (127.0.0.1)> disconnected.
```

ID /	Account	IP	Transfer
------	---------	----	----------

**PRACTICAL 25**

**AA: DESIGN AND CREATE A BOT TO FETCH TWO SUBJECT SCORES OF  
STUDENTS IN EXCEL AND DISPLAY ITS ADDITION**





	A	B	C	D
1	Name	RPA	CS	TOTAL
2	john	86	98	184
3	ash	89	96	185
4	jenny	85	80	165

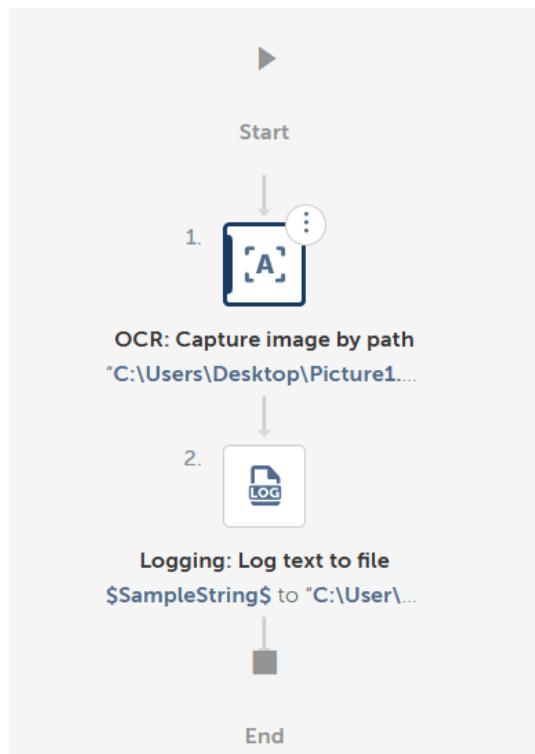
PRACTICAL 26

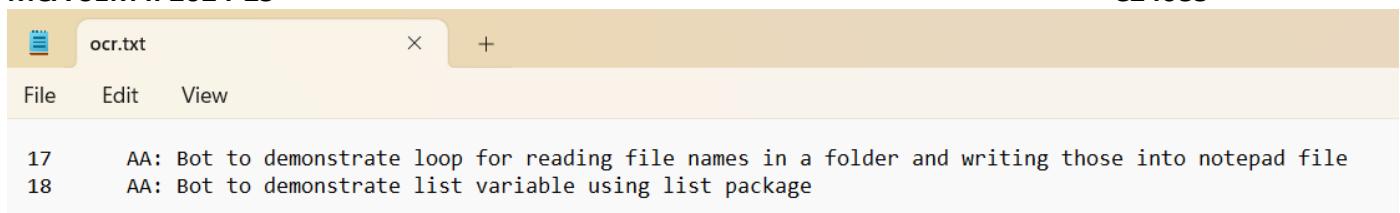
**AA: DESIGN AND CREATE A BOT TO EXTRACT TEXT FROM IMAGES USING OCR.  
AND LOG THE TEXT IN A LOG FILE**

Image:

<b>17</b>	AA: Bot to demonstrate loop for reading file names in a folder and writing those into notepad file
<b>18</b>	AA: Bot to demonstrate list variable using list package

Bot:

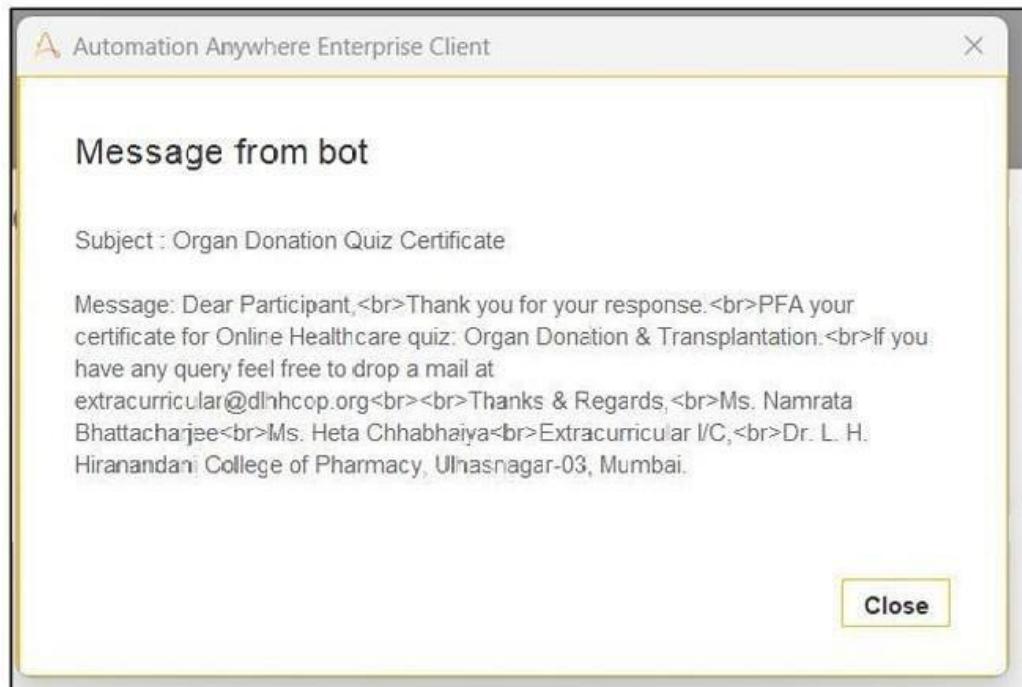
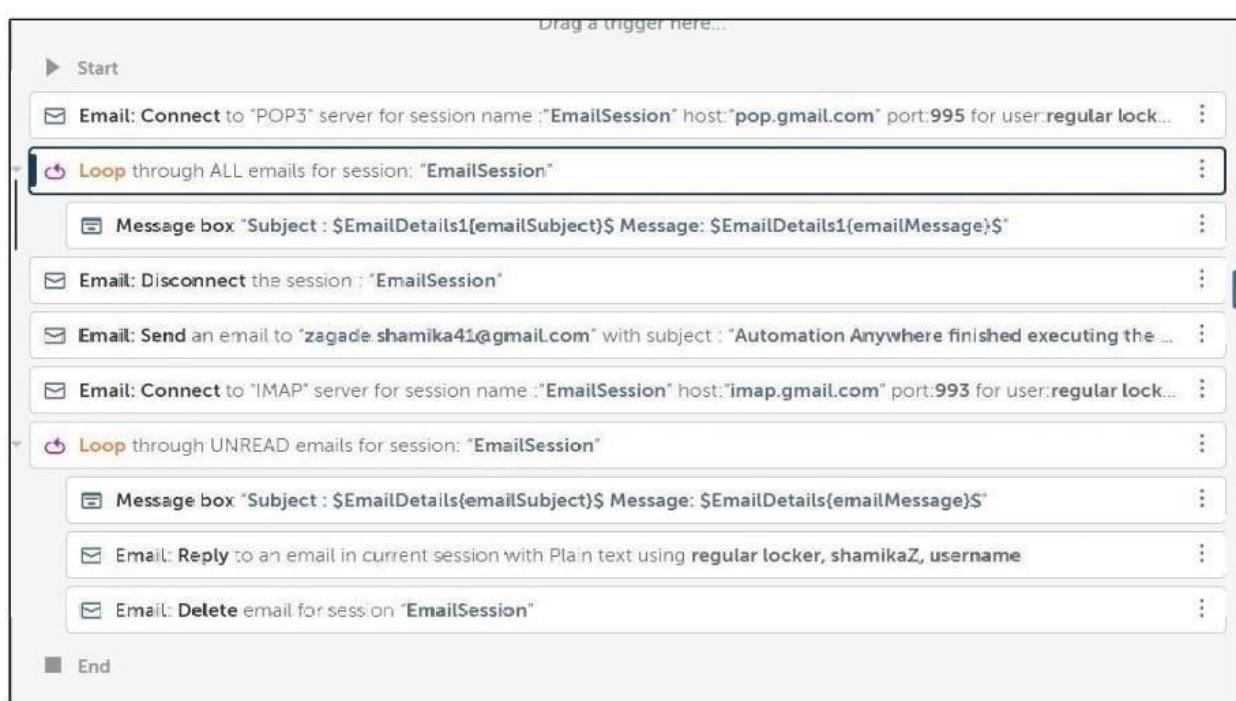


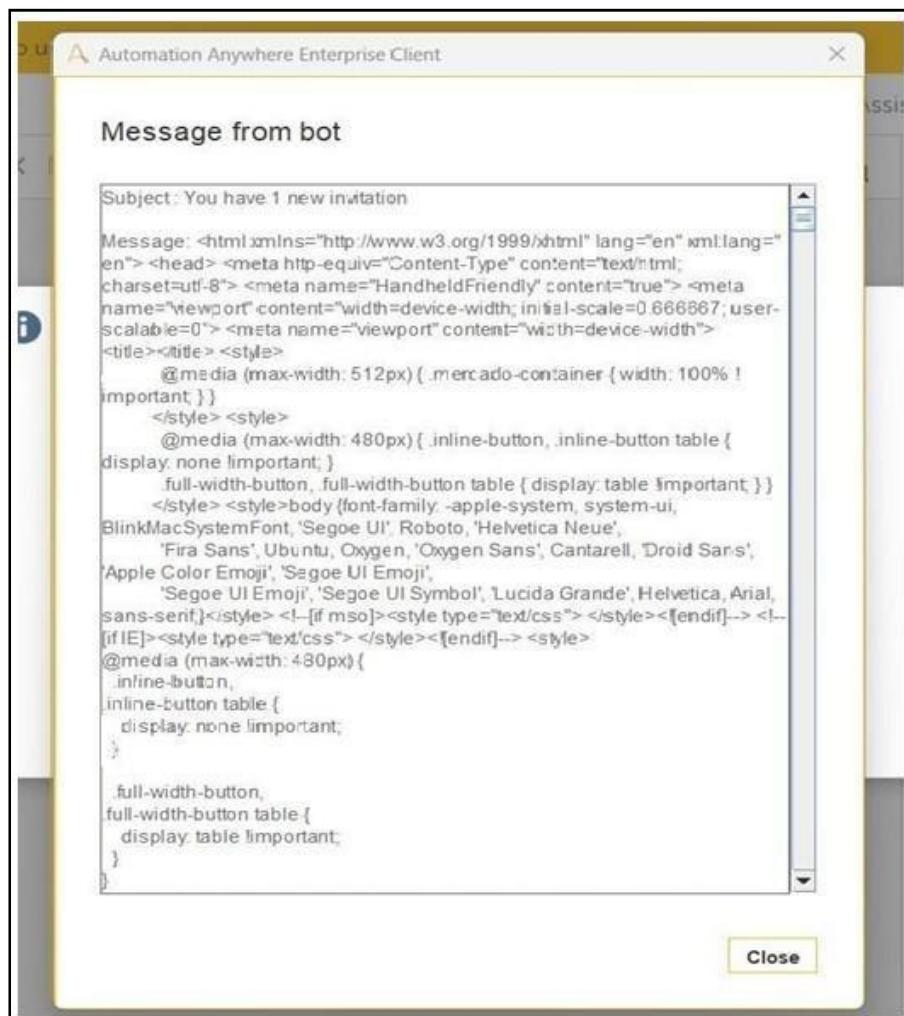
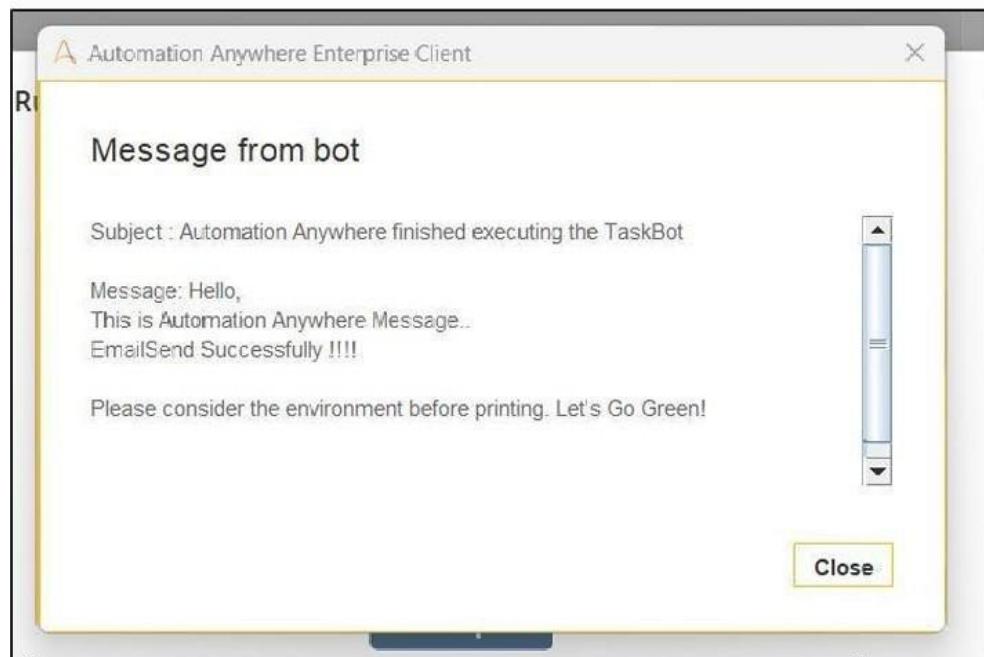


A screenshot of a Windows-style Notepad application. The title bar is orange and contains the file name "ocr.txt". Below the title bar is a menu bar with "File", "Edit", and "View" options. The main window displays two lines of text:

```
17      AA: Bot to demonstrate loop for reading file names in a folder and writing those into notepad file
18      AA: Bot to demonstrate list variable using list package
```

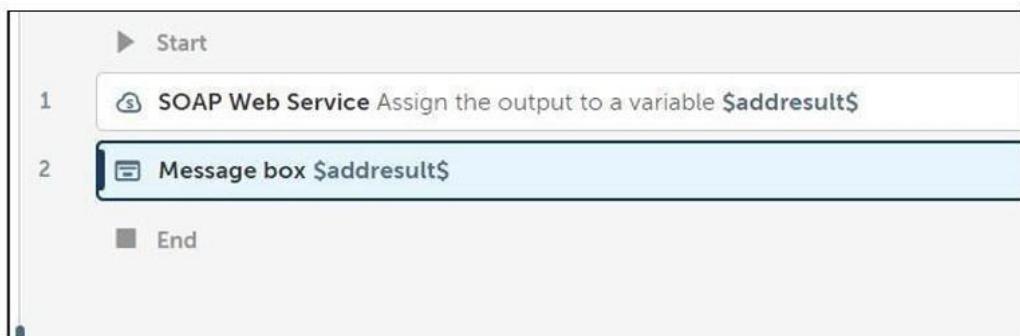
**PRACTICAL 27 AA: DESIGN AND CREATE A BOT TO AUTOMATE TASKS OF:  
READING EMAILS FROM INBOX AND DISPLAYING THEIR SUBJECT AND  
MESSAGE  
SENDING A MAIL  
REPLYING TO UNREAD MAIL FROM MAIL INBOX**





**Practical 28**

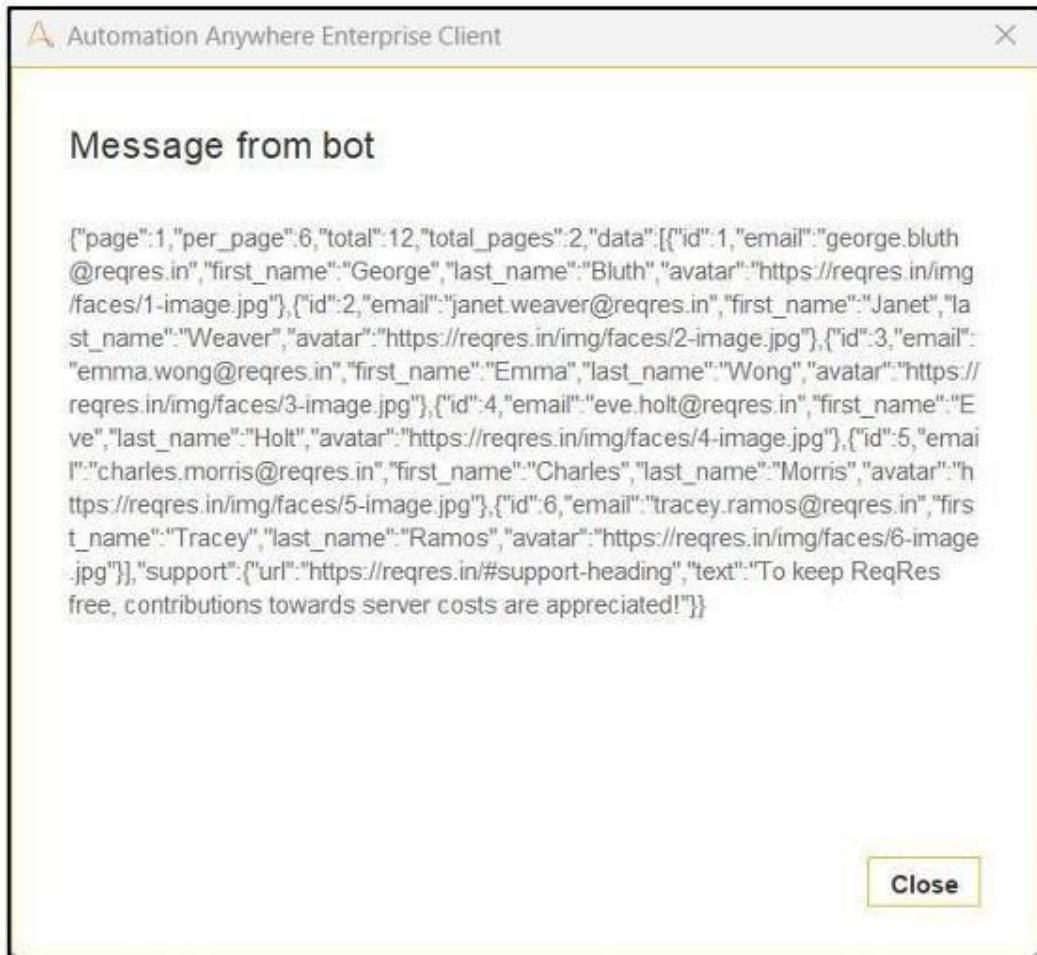
**AA: DESIGN AND CREATE A BOT TO AUTOMATE TASKS OF SOAP WEB SERVICES  
TO ADD TWO NUMBERS**

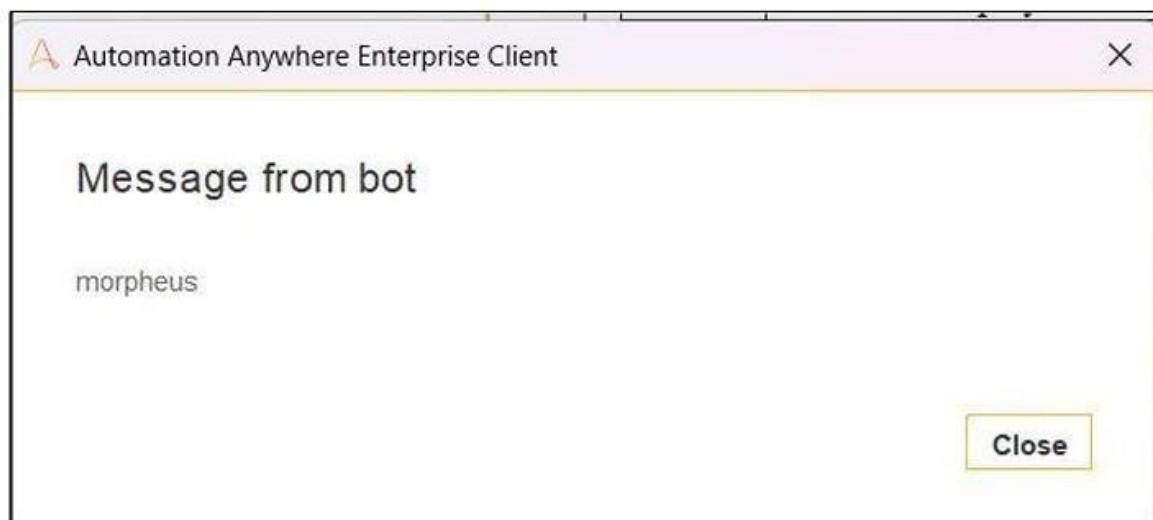


```
<?xml version="1.0" encoding="utf-8"?><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"><soap:Body><AddResponse xmlns="http://tempuri.org/"><AddResult>65</AddResult></AddResponse></soap:Body></soap:Envelope>
```

**PRACTICAL 29**

**AA: DESIGN AND CREATE A BOT TO AUTOMATE TASKS OF RESTFUL WEB SERVICE TO  
FETCH, ADD DATA FROM SERVER**



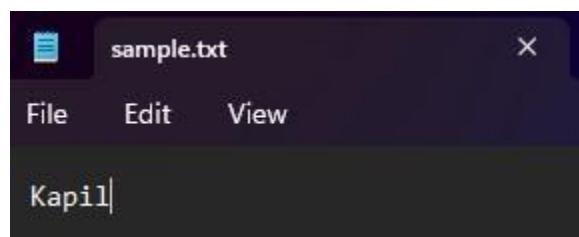


**PRACTICAL 30**

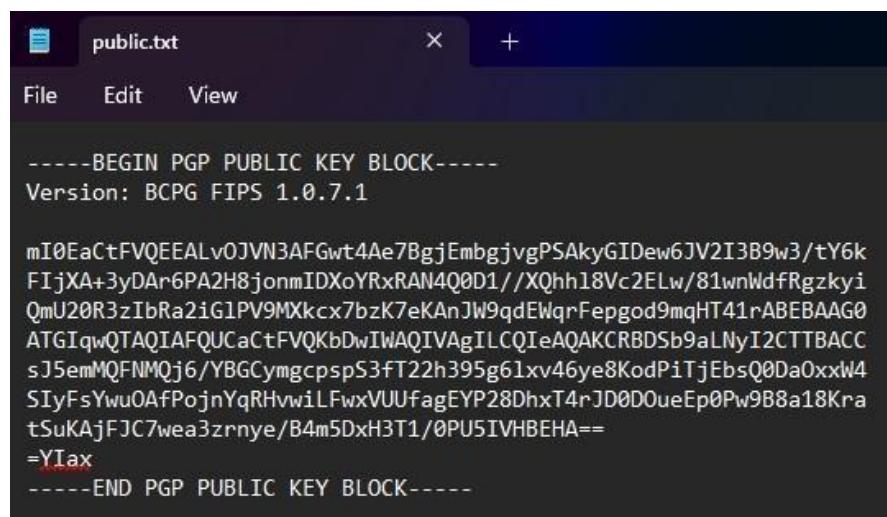
**AA: WRITE A BOT TO CREATE PUBLIC AND PRIVATE KEYS: A. ENCRYPT A TEXT FILE USING THE PUBLIC KEY B. DECRYPT A TEXT FILE USING THE PRIVATE KEY**



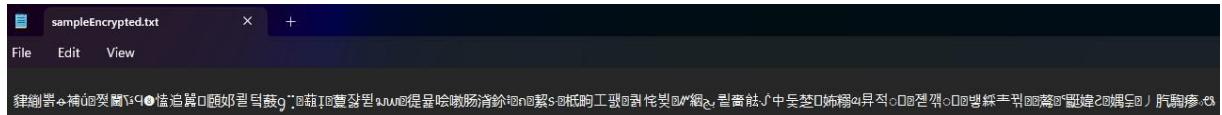
**Sample.txt:**



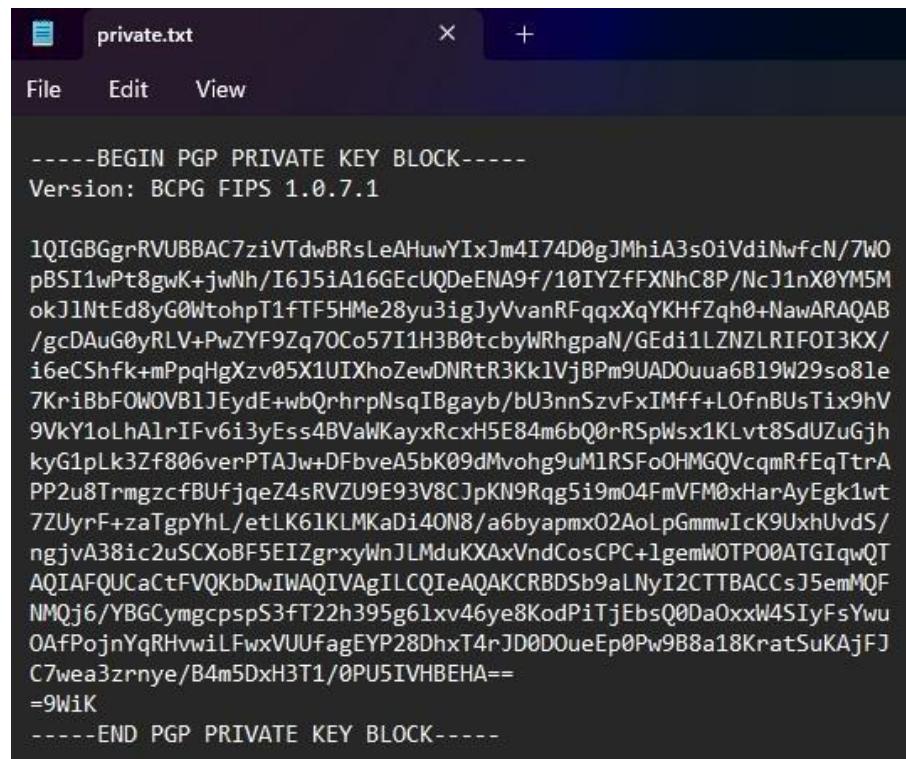
**Public.txt:**



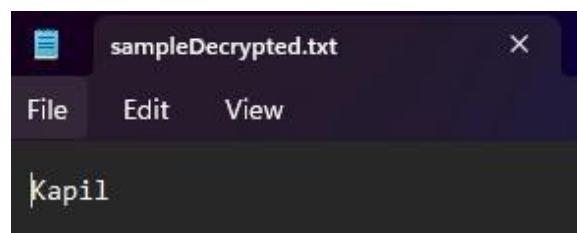
**sampleEncrypted.txt:**



**Private.txt:**



**sampleDecrypted:**



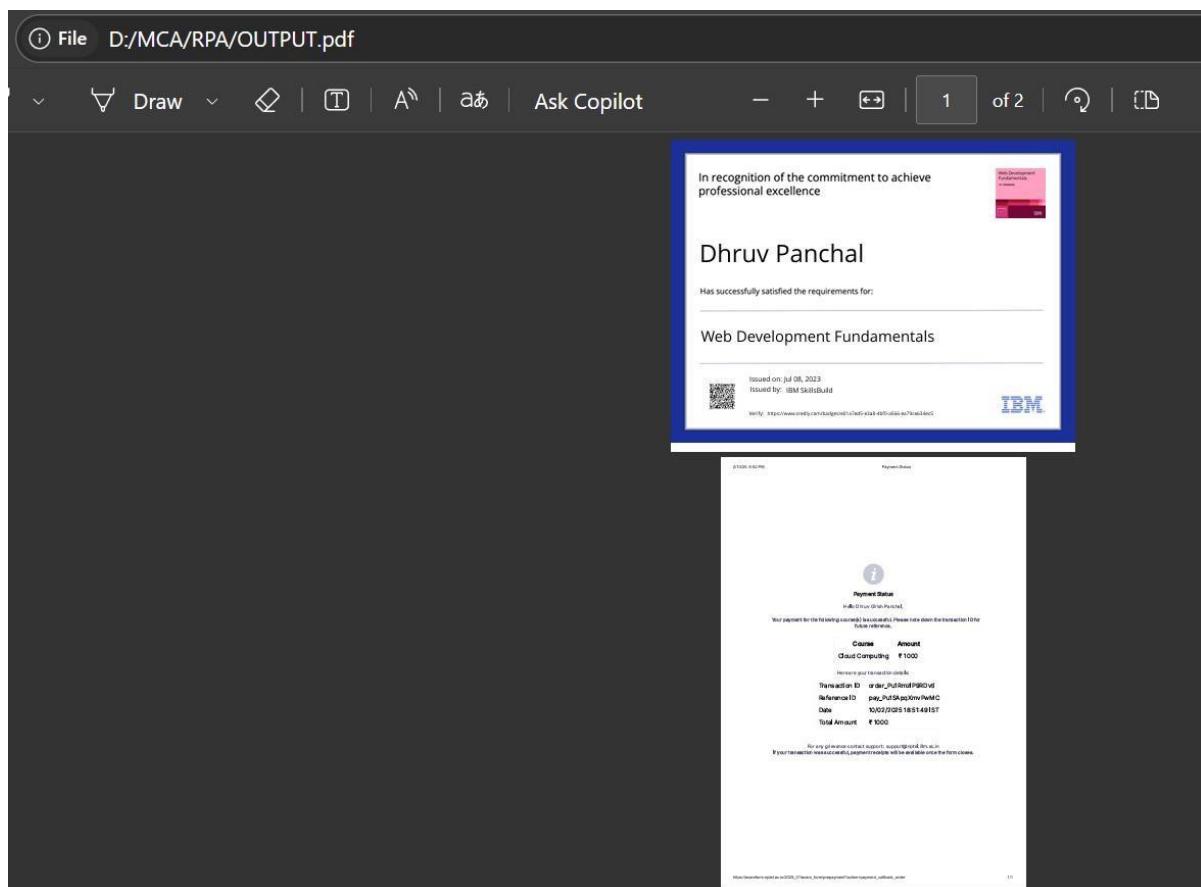
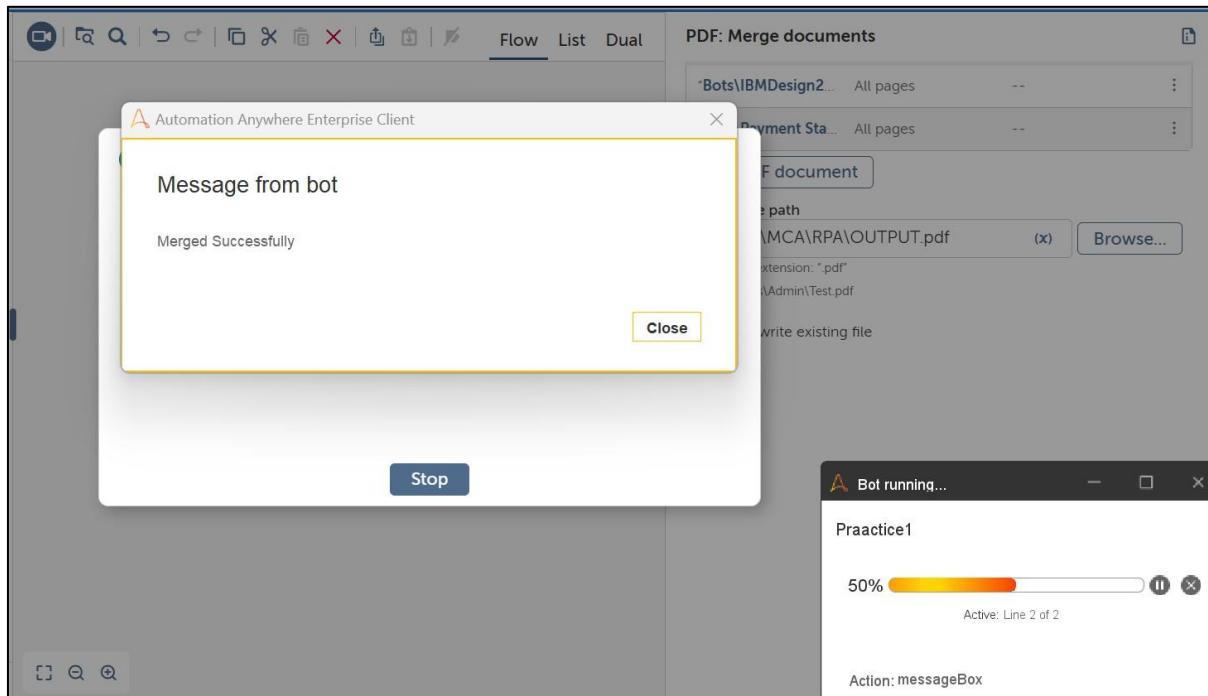
**42 AA: WRITE A BOT TO DEMONSTRATE PDF ACTIONS: MERGE DOCUMENT AND SPLIT DOCUMENT**

**MERGE**

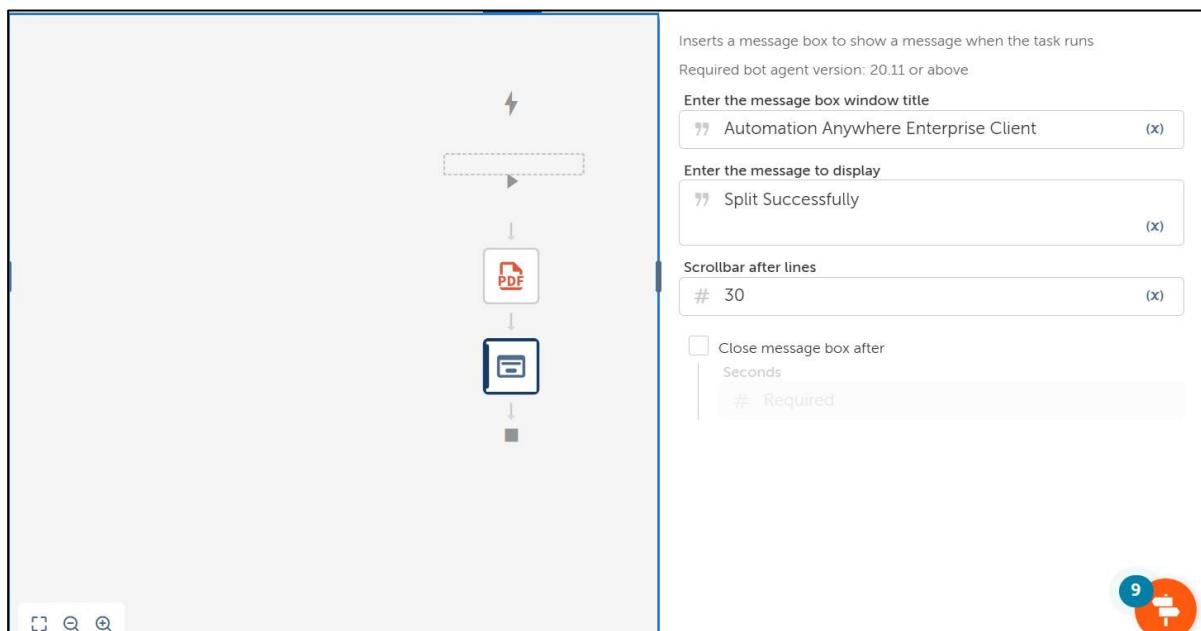
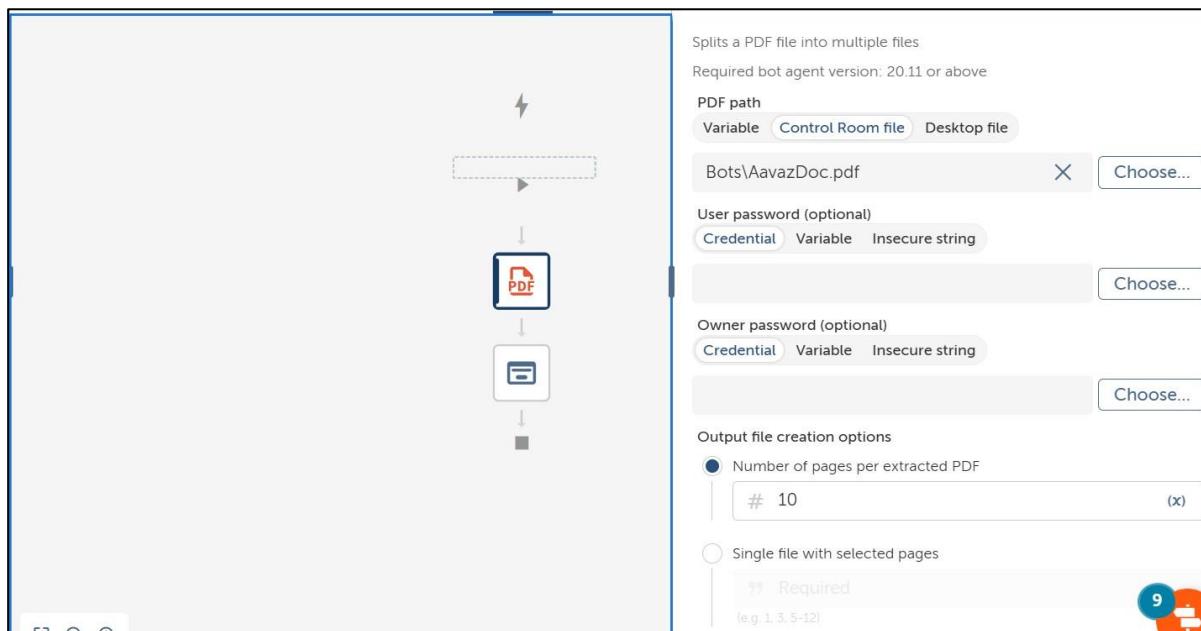
The screenshot shows a RPA bot workflow. On the left, there is a sequence of steps: a lightning bolt icon, a dashed arrow, a PDF file icon, another dashed arrow, and a document icon. On the right, the configuration panel for the PDF file step is visible. It includes a description: "Merges multiple PDF files into a single PDF file" and "Required bot agent version: 20.11 or above". Below this is a table titled "PDF documents (2)" with columns "File", "Pages", and "Specific Pages". Two entries are listed: "Bots\IBMDesign2..." with "All pages" and "--" under "Pages" and "Specific Pages"; and "Bots\Payment Sta..." with "All pages" and "--" under "Pages" and "Specific Pages". There is also an "Add PDF document" button. Below the table is an "Output file path" field containing "D:\MCA\RPA\OUTPUT.pdf" with a "(x)" button and a "Browse..." button. Underneath is a note: "Required extension: \*.pdf" followed by "e.g. C:\Users\Admin\Test.pdf". A checked checkbox labeled "Overwrite existing file" is present. In the bottom right corner of the panel, there is a blue circle with the number "9" and an orange circle with a white minus sign.

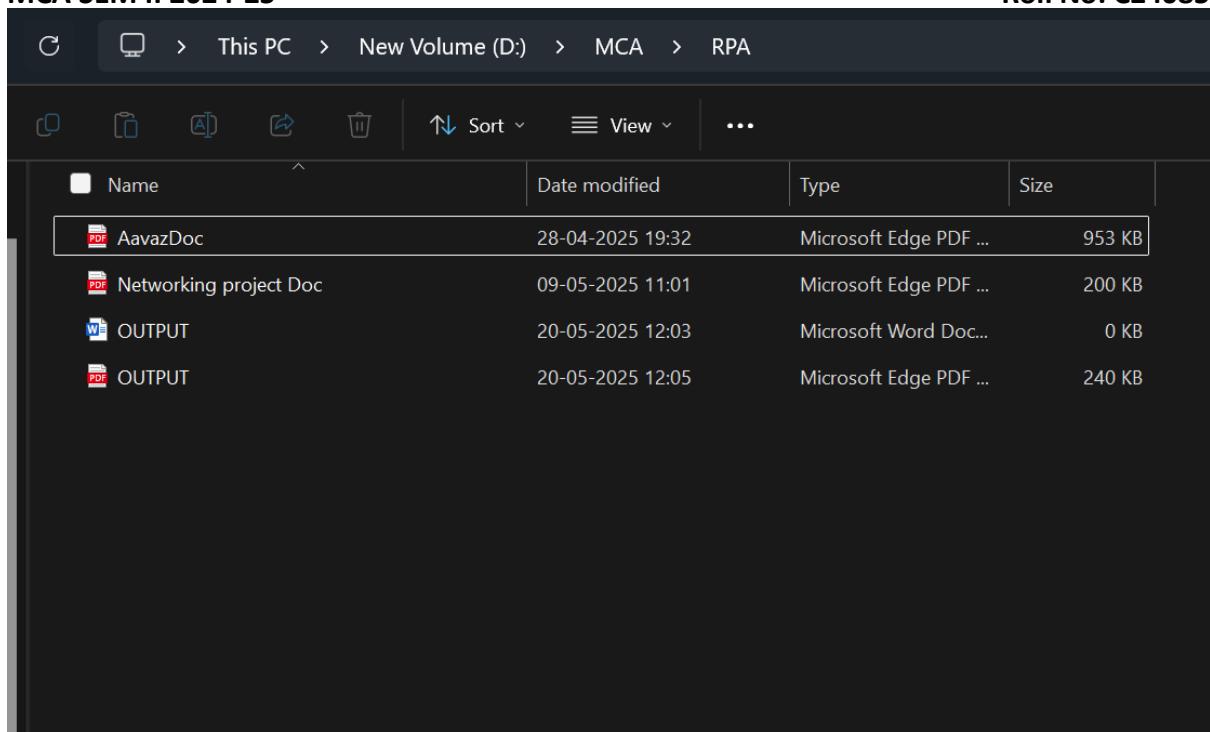
The screenshot shows a RPA bot workflow. On the left, it is identical to the merge workflow: a lightning bolt icon, a dashed arrow, a PDF file icon, another dashed arrow, and a document icon. On the right, the configuration panel for the PDF file step is visible. It includes a description: "Inserts a message box to show a message when the task runs" and "Required bot agent version: 20.11 or above". Below this is a section for "Enter the message box window title" with a field containing "Automation Anywhere Enterprise Client" and a "(x)" button. Next is a section for "Enter the message to display" with a field containing "Merged Successfully" and a "(x)" button. Below these is a section for "Scrollbar after lines" with a field containing "# 30" and a "(x)" button. At the bottom is a section for "Close message box after" with a checkbox labeled "Seconds" and a field containing "# Required". In the bottom right corner of the panel, there is a blue circle with the number "9" and an orange circle with a white minus sign.

**OUTPUT:**

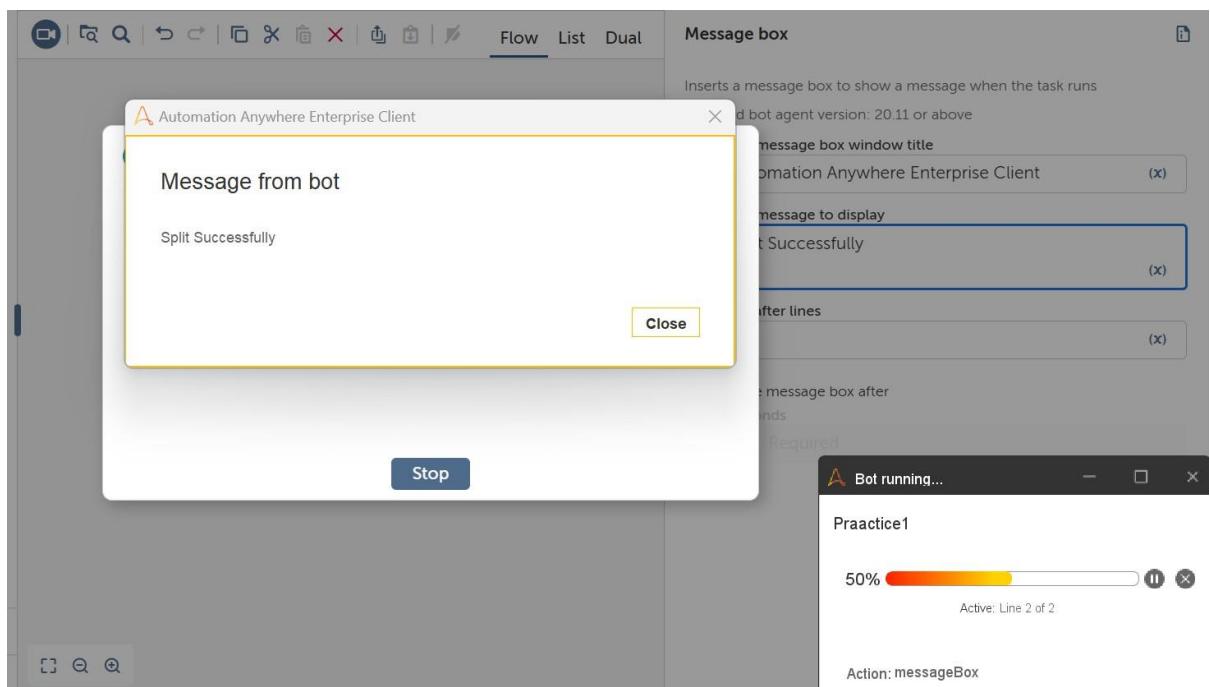


### 1) SPLIT





## **OUTPUT:**



**DES's NMITD**

**RPA LAB**

**MCA SEM II 2024-25**

PDF OUTPUT

**Roll No: C24085**

 split_1	20-05-2025 12:05	Microsoft Edge PDF ...	240 KB
 split_2	20-05-2025 12:12	Microsoft Edge PDF ...	293 KB
 split_3	20-05-2025 12:12	Microsoft Edge PDF ...	756 KB

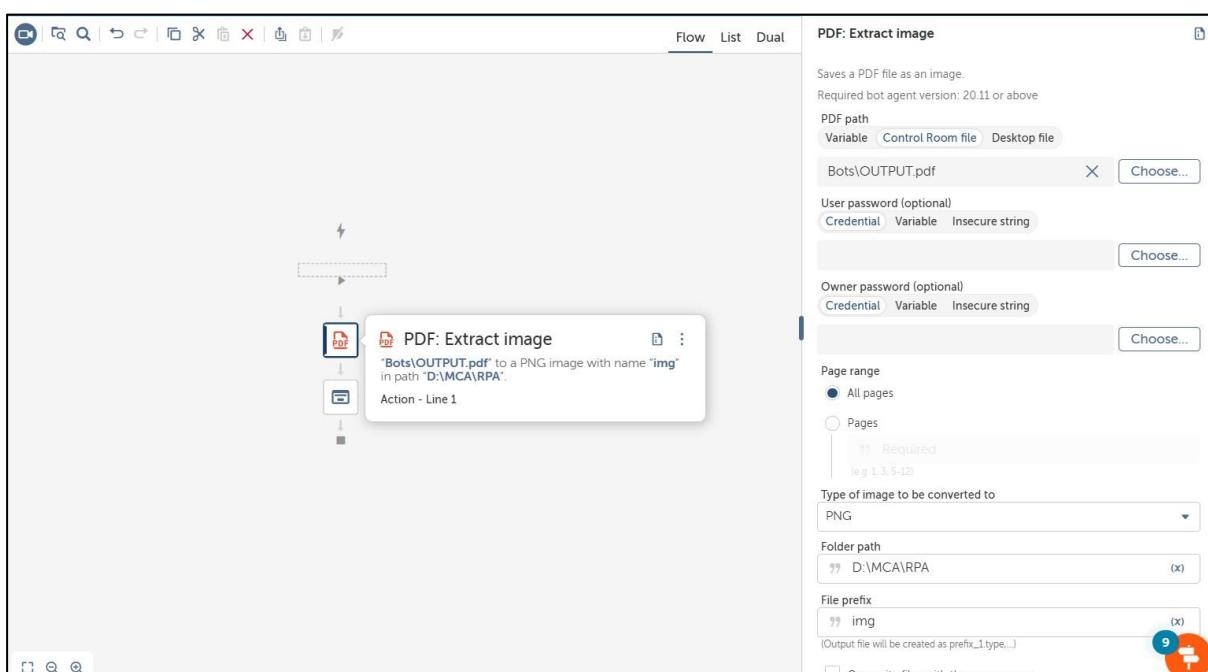
## **PRACTICAL 43 AA: WRITE A BOT TO DEMONSTRATE SCREEN SCRAPING USING**

**1) extract field**

**2) extract image**

**3) extract text**

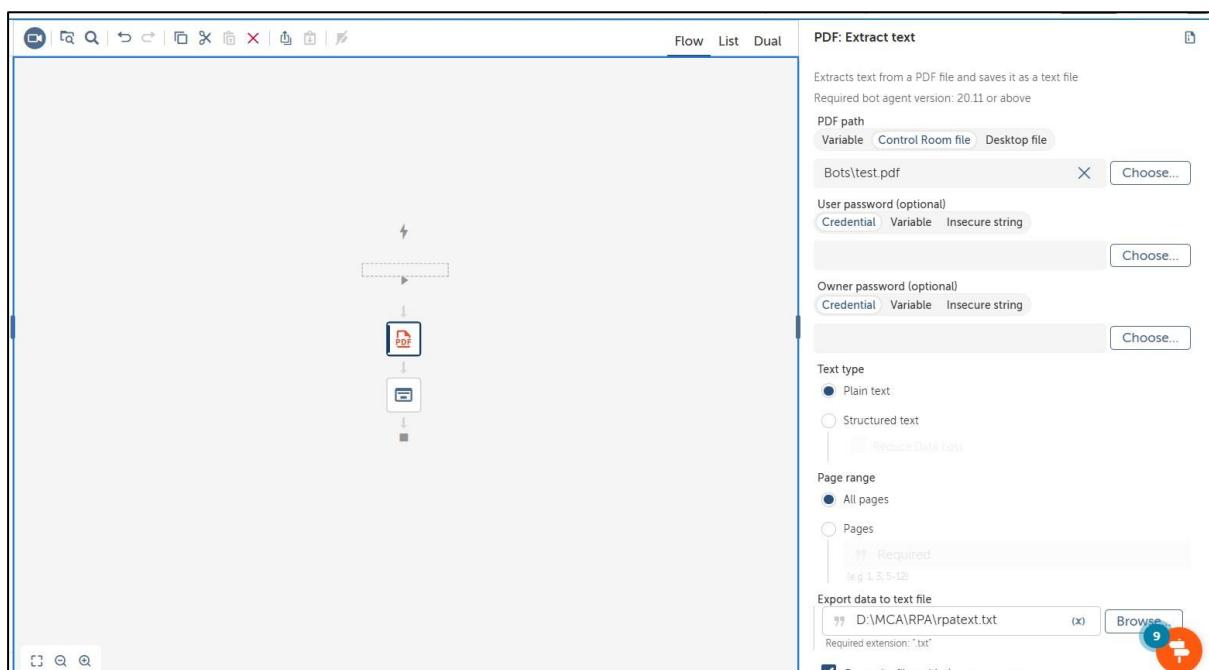
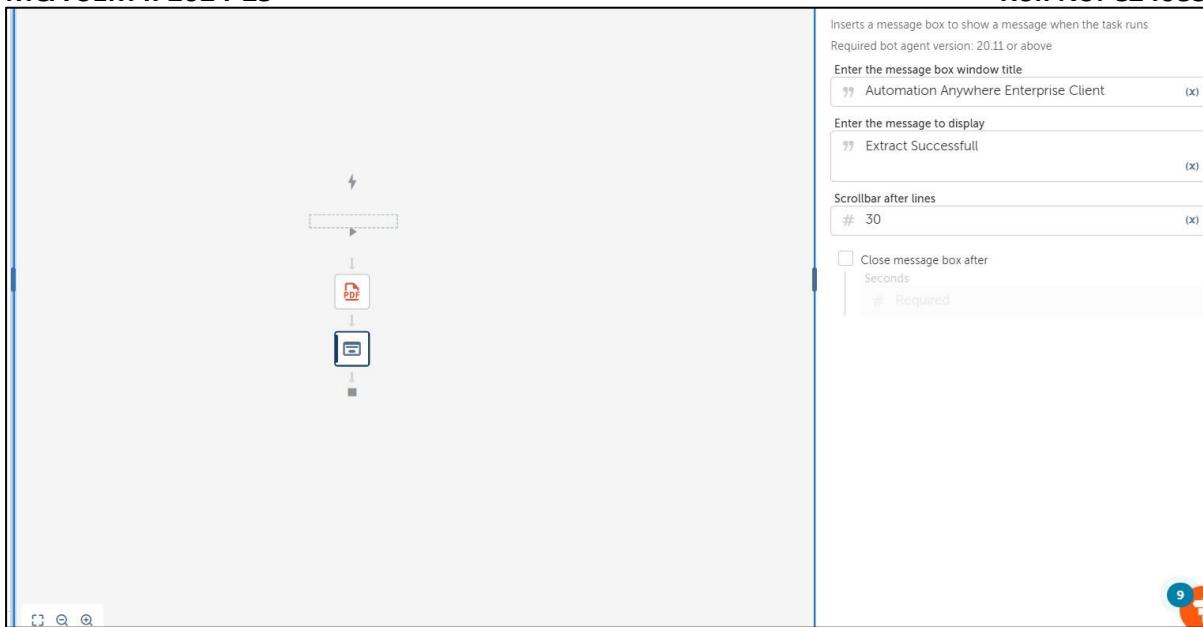
Name	Date modified	Type	Size
AavazDoc	28-04-2025 19:32	Microsoft Edge PDF ...	953 KB
Networking project Doc	09-05-2025 11:01	Microsoft Edge PDF ...	200 KB
OUTPUT	20-05-2025 12:03	Microsoft Word Doc...	0 KB
OUTPUT	20-05-2025 12:05	Microsoft Edge PDF ...	240 KB
split_1	20-05-2025 12:12	Microsoft Edge PDF ...	293 KB
split_2	20-05-2025 12:12	Microsoft Edge PDF ...	756 KB
split_3	20-05-2025 12:12	Microsoft Edge PDF ...	232 KB
test	20-05-2025 12:29	Microsoft Word Doc...	14 KB
test	20-05-2025 12:30	Microsoft Edge PDF ...	14 KB

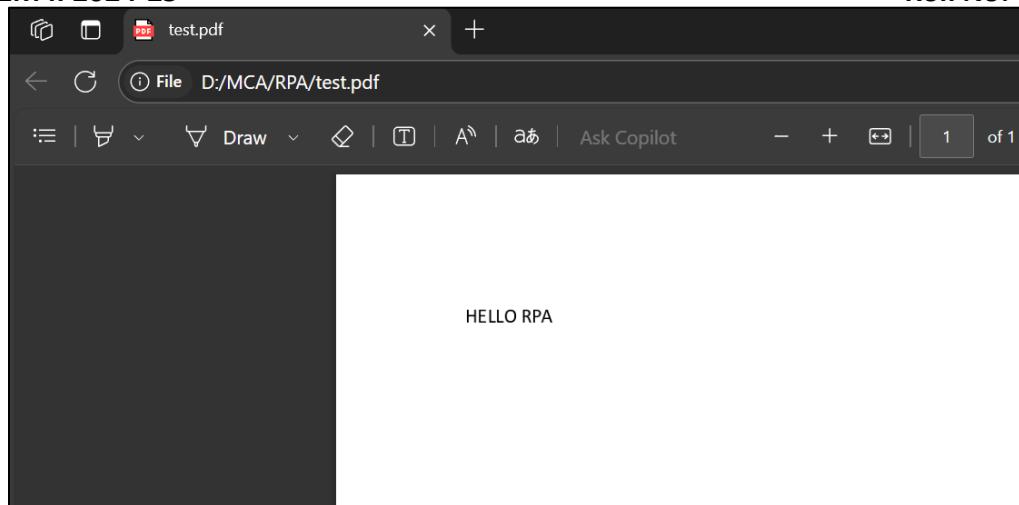


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**Roll No: C24085**





### **OUTPUT:**

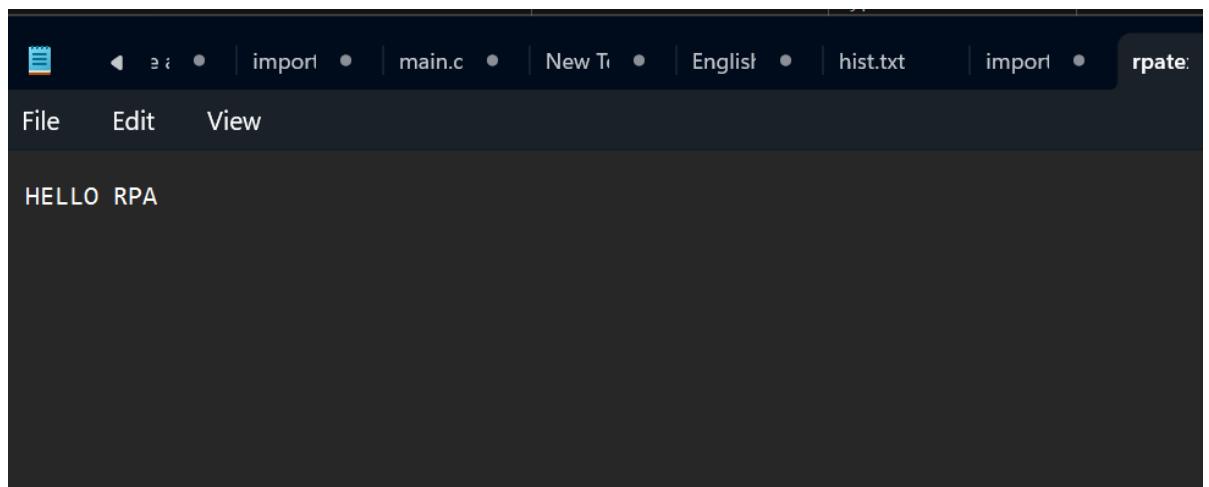
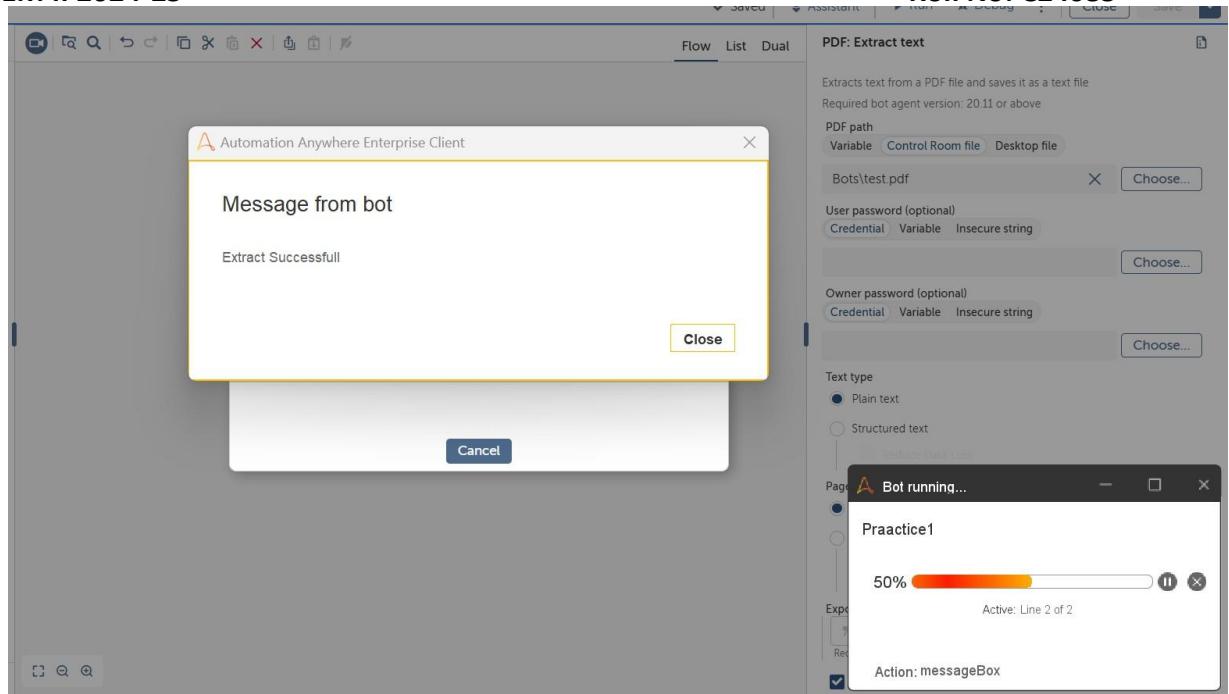
The screenshot shows the Automation Anywhere Enterprise Client interface. A message box in the foreground says 'Message from bot' and 'Extract Successfull'. In the background, there is a 'Bot running...' window titled 'Praactice1' with a progress bar at 50% and the text 'Active: Line 2 of 2'. The client interface has various toolbars and windows typical of a RPA tool.

	20-05-2025 12:33	PNG File	260 KB
	20-05-2025 12:33	PNG File	142 KB

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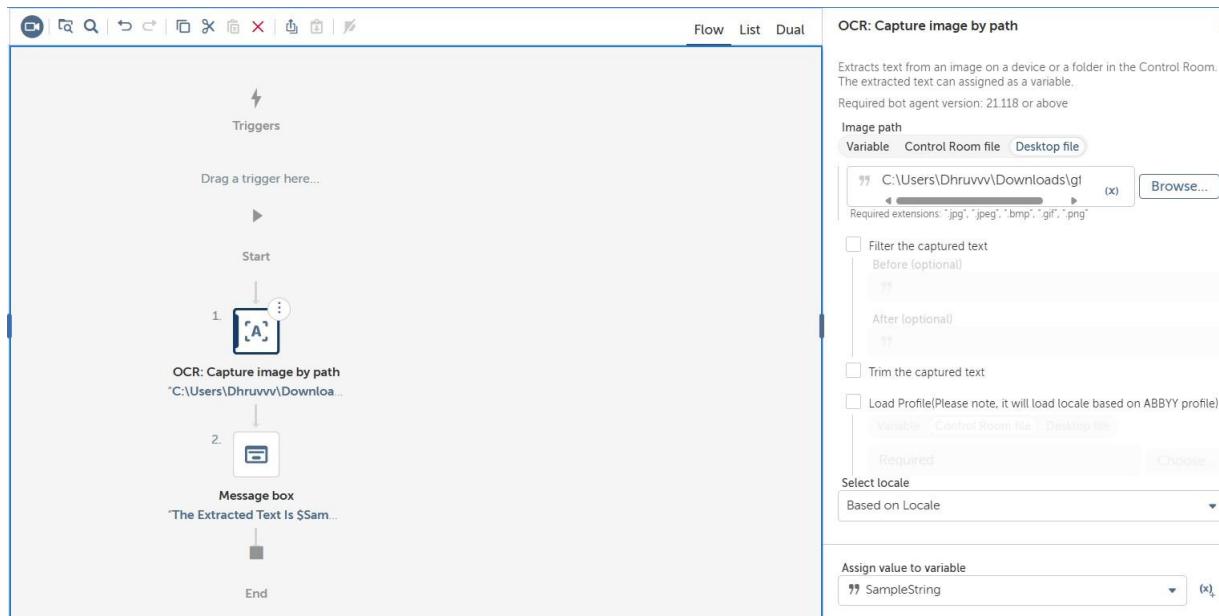
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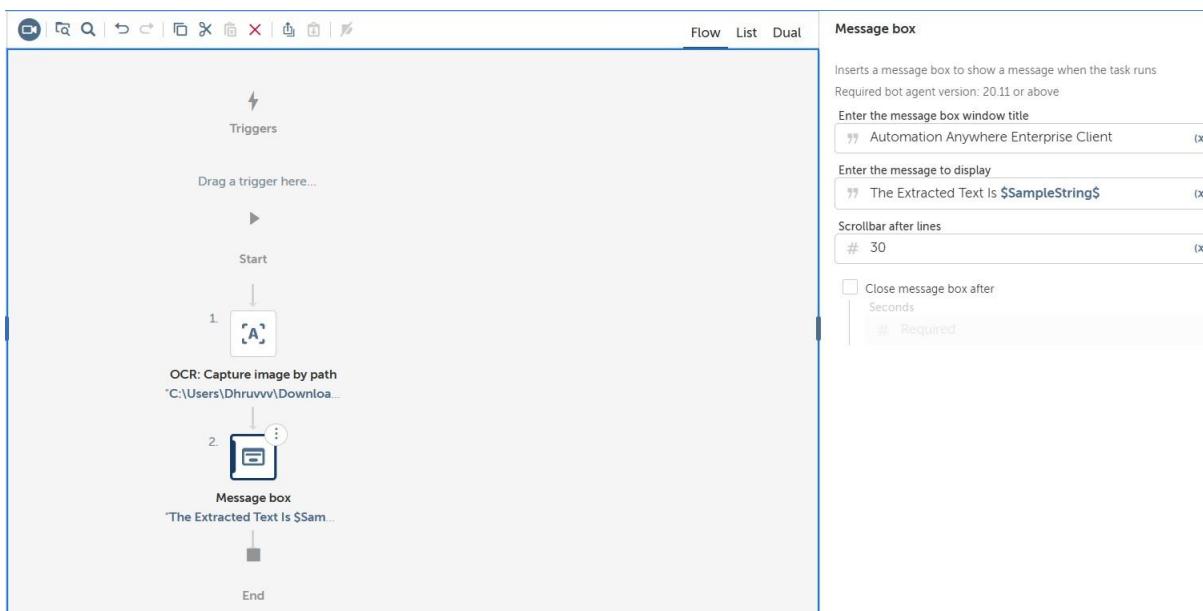
**Roll No: C24085**



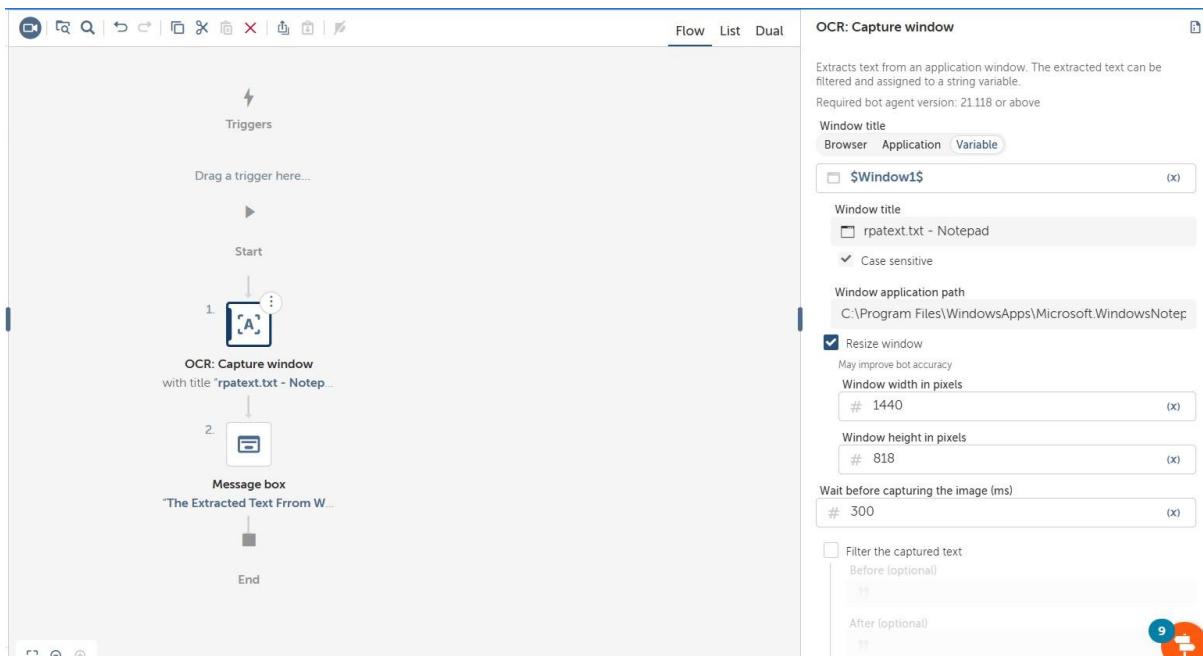
**PRACTICAL 44 AA: WRITE A BOT TO DEMONSTRATE SCREEN SCRAPING USING OCR – CAPTURE IMAGE BY PATH CAPTURE WINDOW WITH FILTER AND WITHOUT FILTER**

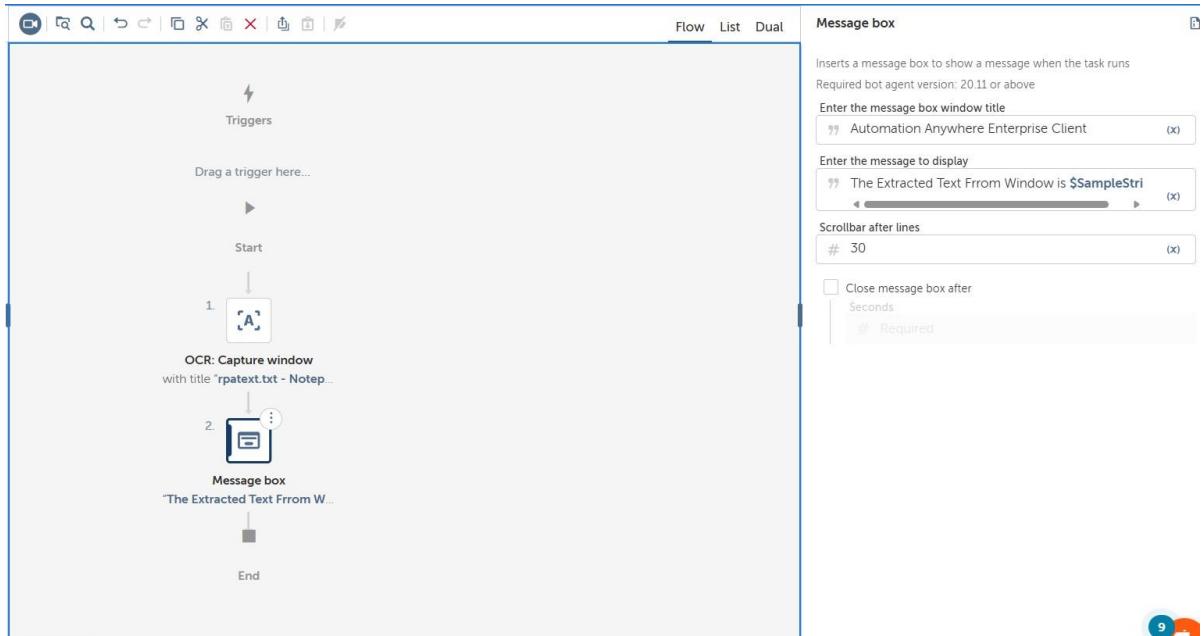
Uploaded image



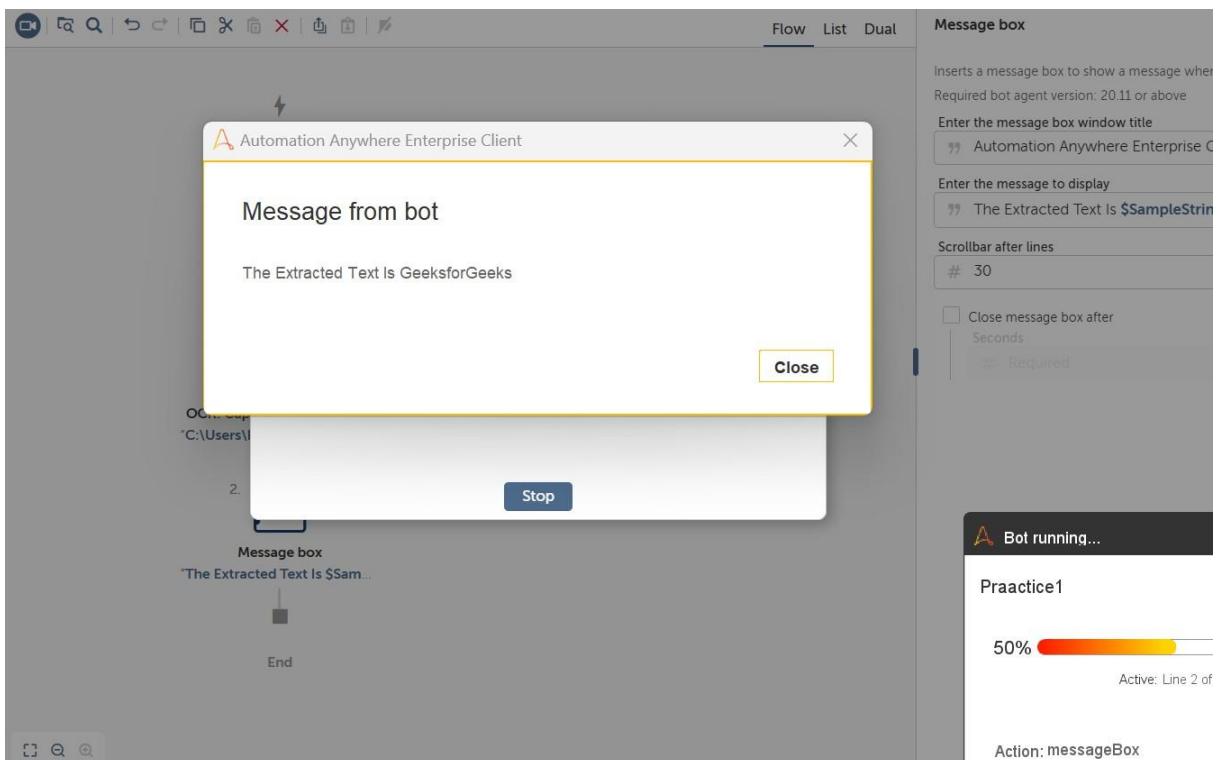


### Capture window with filter and without filter





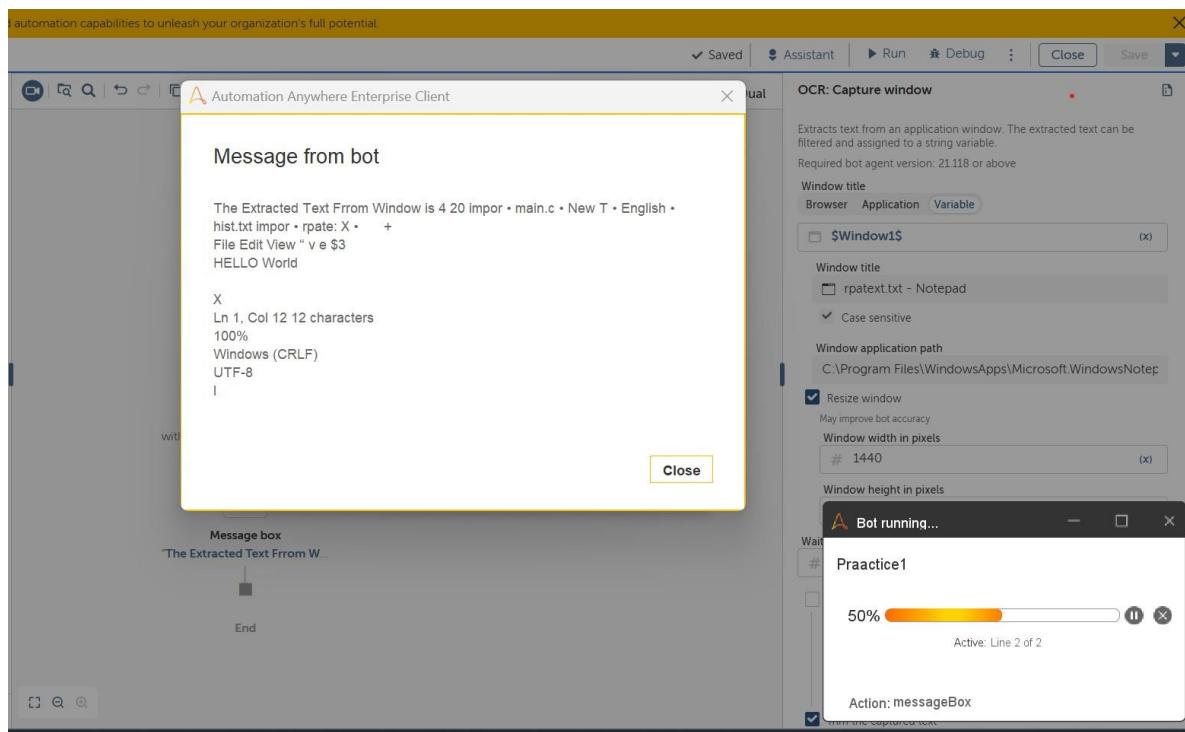
## OUTPUTS:



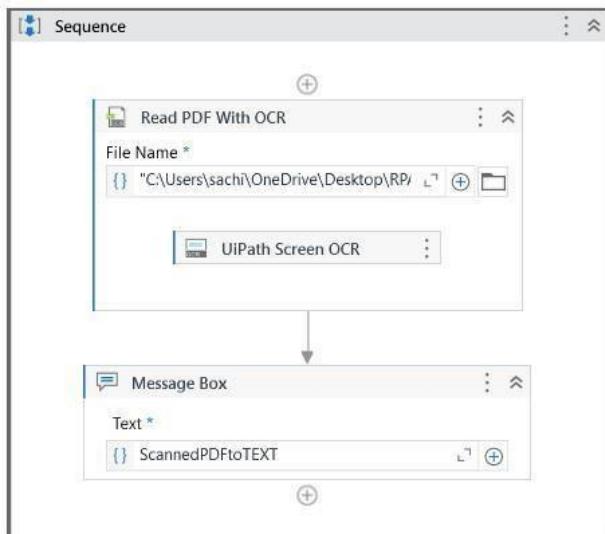
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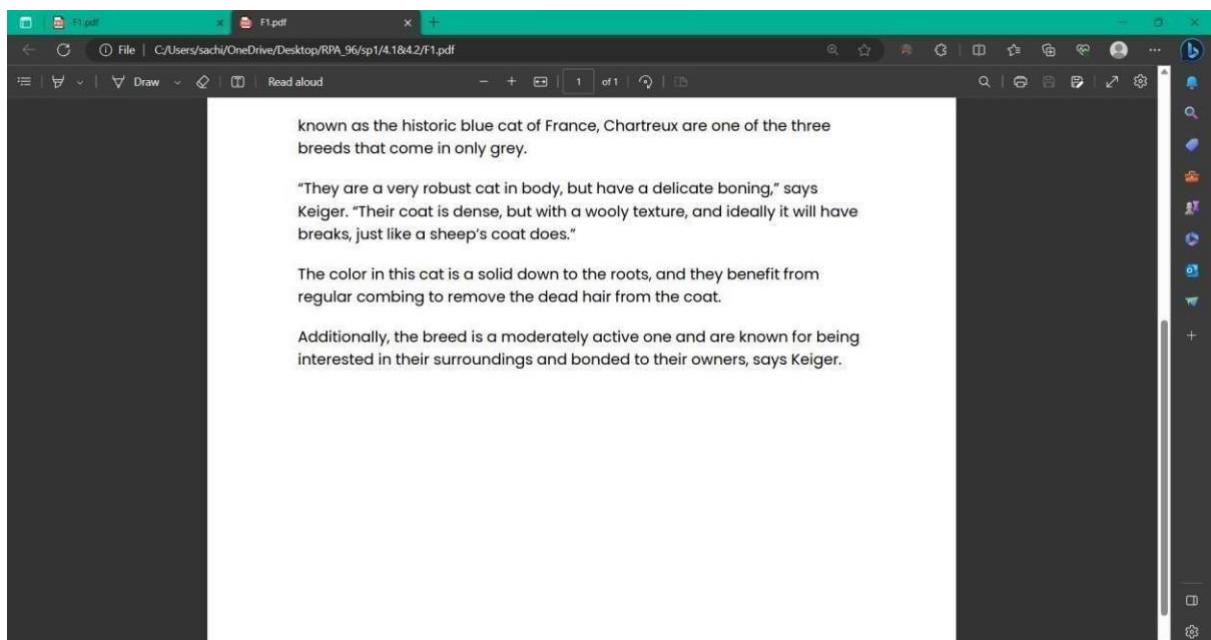
**Roll No: C24085**



## **PRACTICAL 44 UIPATH: WRITE A BOT TO CONVERT PDF FILE INTO TXT FILE**



### **PDF**



**DES's NMITD  
RPA LAB**

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**Roll No: C24085**

Expression Editor

FileName (String)

1 neDrive\Desktop\RPA\_96\sp1\4.1&4.2\F1.pdf"

OK Cancel

Main Sequence

Sequence

+

Read PDF With OCR

File Name \*

C:\Users\sachi\OneDrive\Desktop\RPA\_96\sp1\4.1&4.2\F1.pdf"

UiPath Screen OCR

Name Variable type Scope Default

ScannedPDFtoTEXT String Sequence Enter a VB expression

Create Variable

Variables Arguments Imports

Expression Editor

FileName (String)

1 neDrive\Desktop\RPA\_96\sp1\4.1&4.2\F1.pdf"

OK Cancel

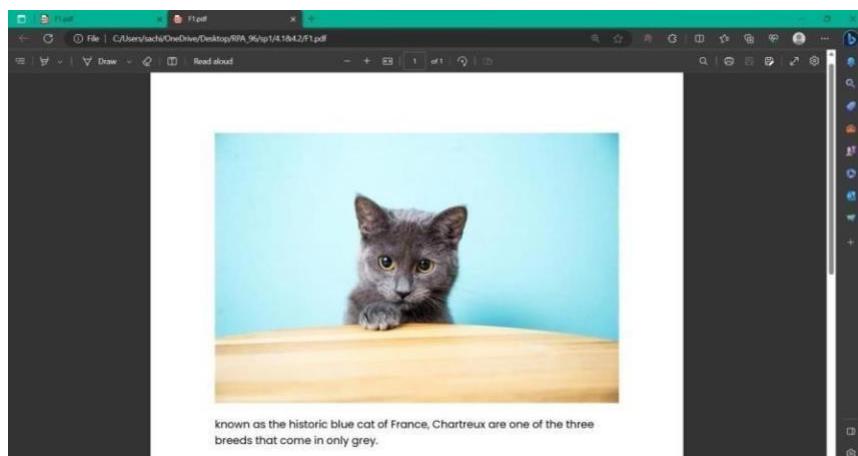
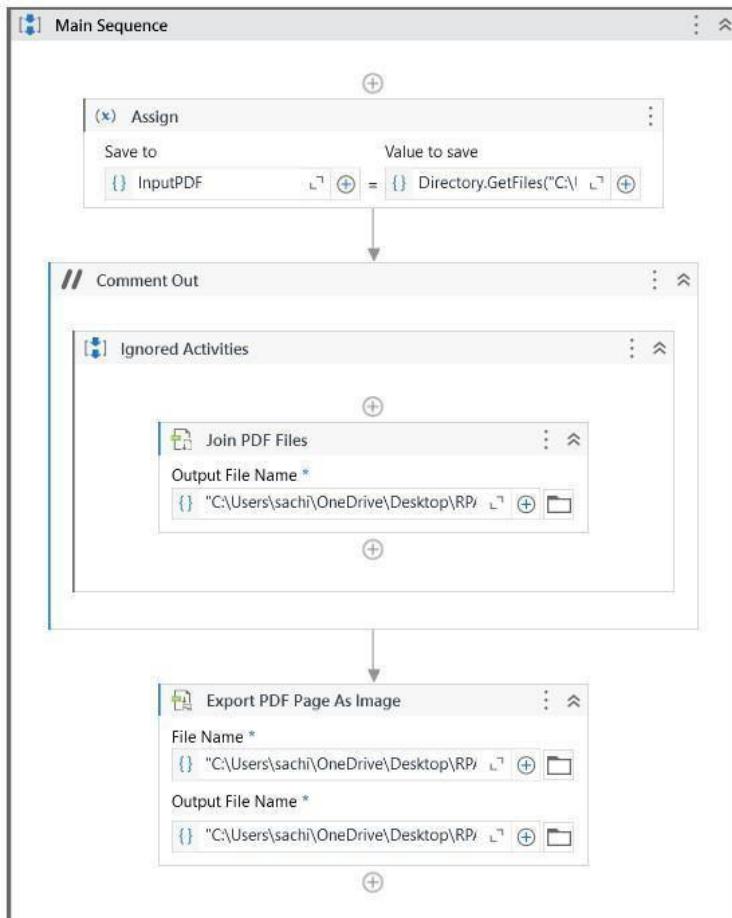
Variables Arguments Imports

**MESSAGE BOX**

known as the historic blue cat of France, Chartreux are one of the three breeds that come in only grey. "They are a very robust cat in body, but have a delicate boning," says Keiger. "Their coat is dense, but with a wooly texture, and ideally it will have breaks, just like a sheep's coat does." The color in this cat is a solid down to the roots, and they benefit from regular combing to remove the dead hair from the coat. Additionally, the breed is a moderately active one and are known for being interested in their surroundings and bonded to their owners, says Keiger.

OK

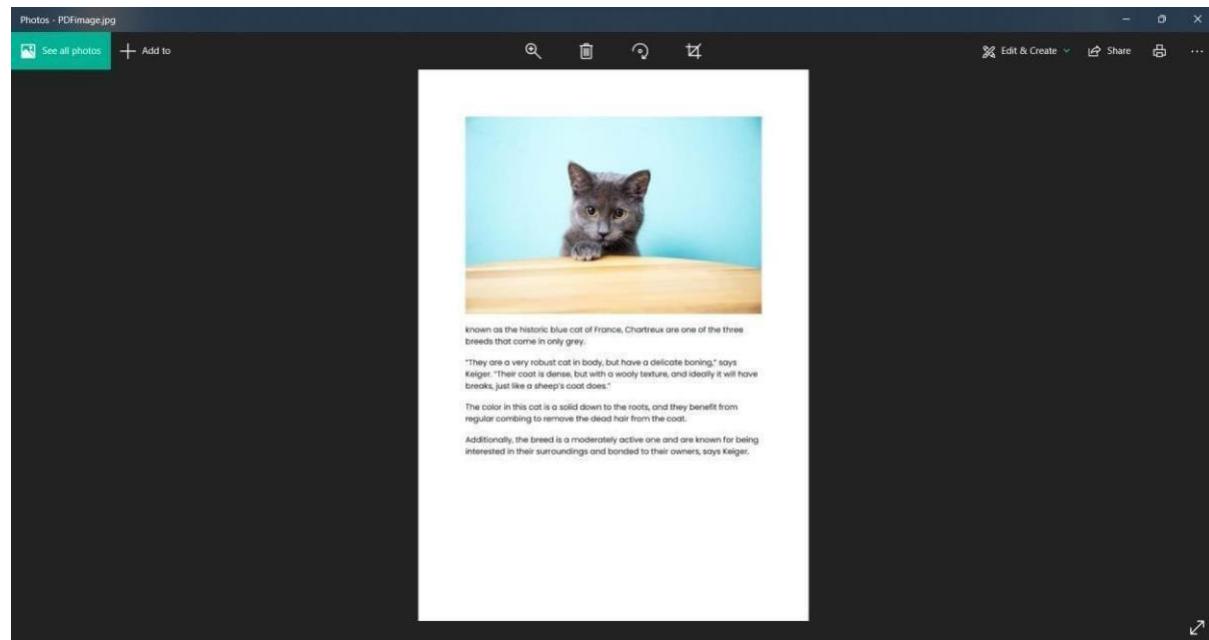
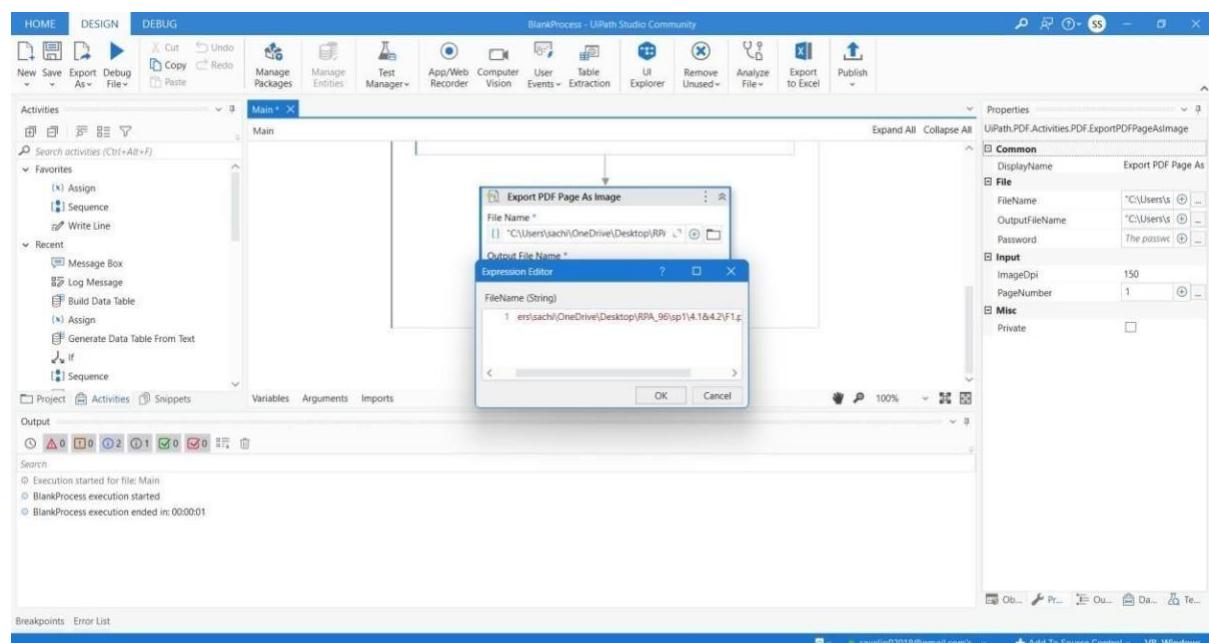
**PRACTICAL 46 UIPATH: WRITE A BOT TO DEMONSTRATE PDF PACKAGE WITH FOLLOWING ACTIONS: EXPORT PDF PAGE AS IMAGE, JOIN PDF FILES.**



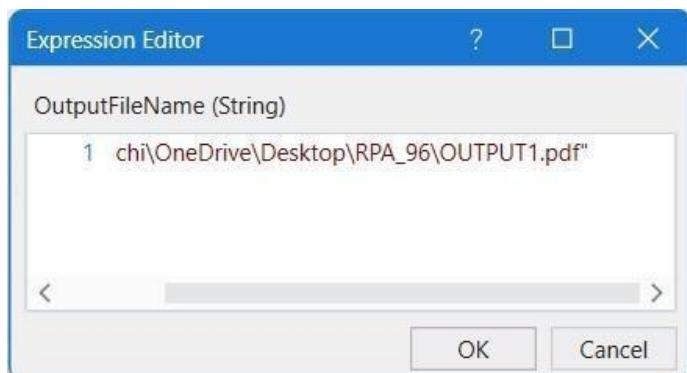
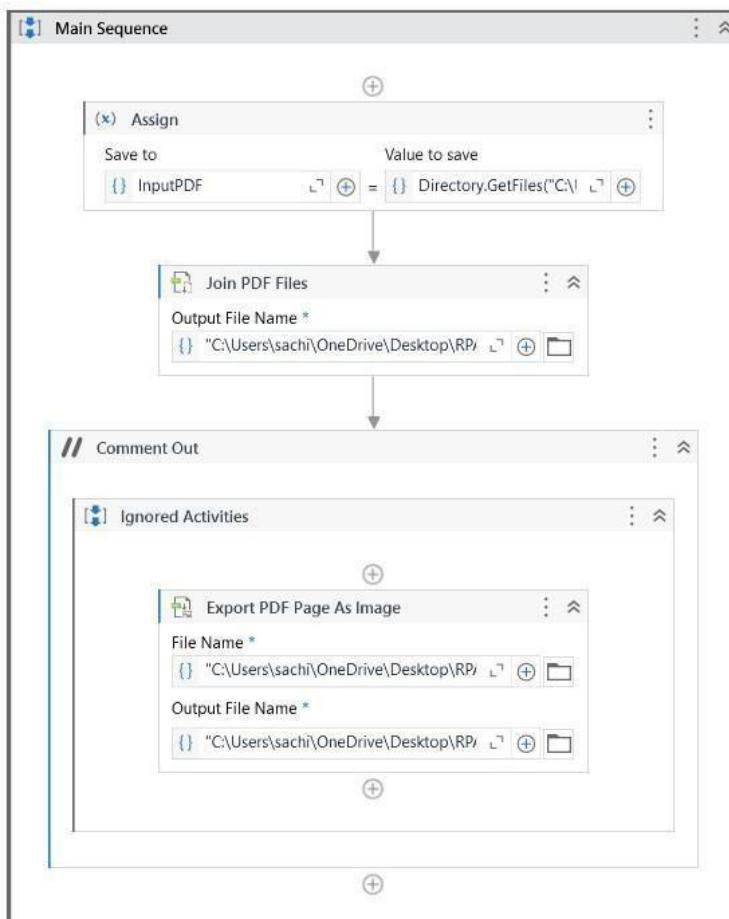
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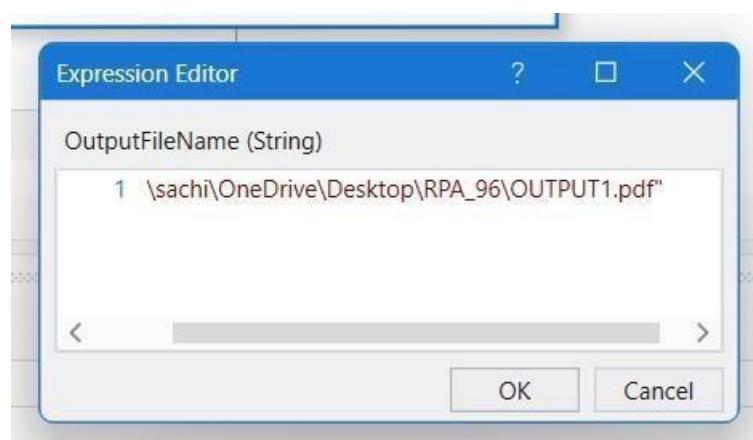
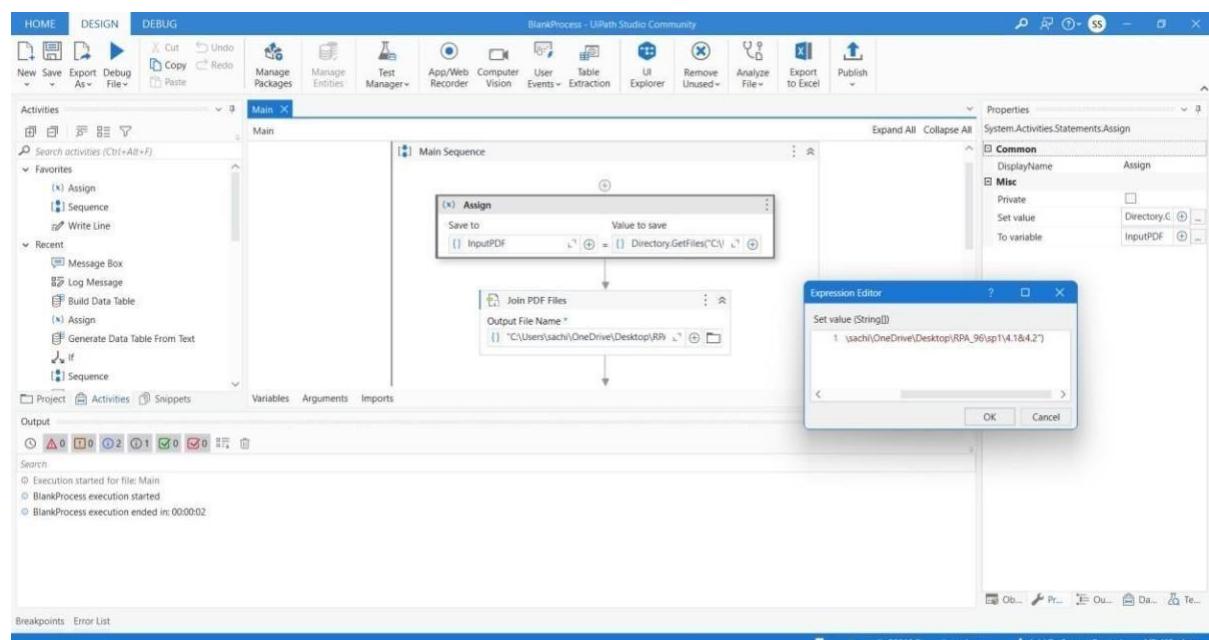
**Join PDF Files**



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**Roll No: C24085**



**Output :**

Successfully merge f1&f2 into OUTPUT1.PDF

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RPA LAB**

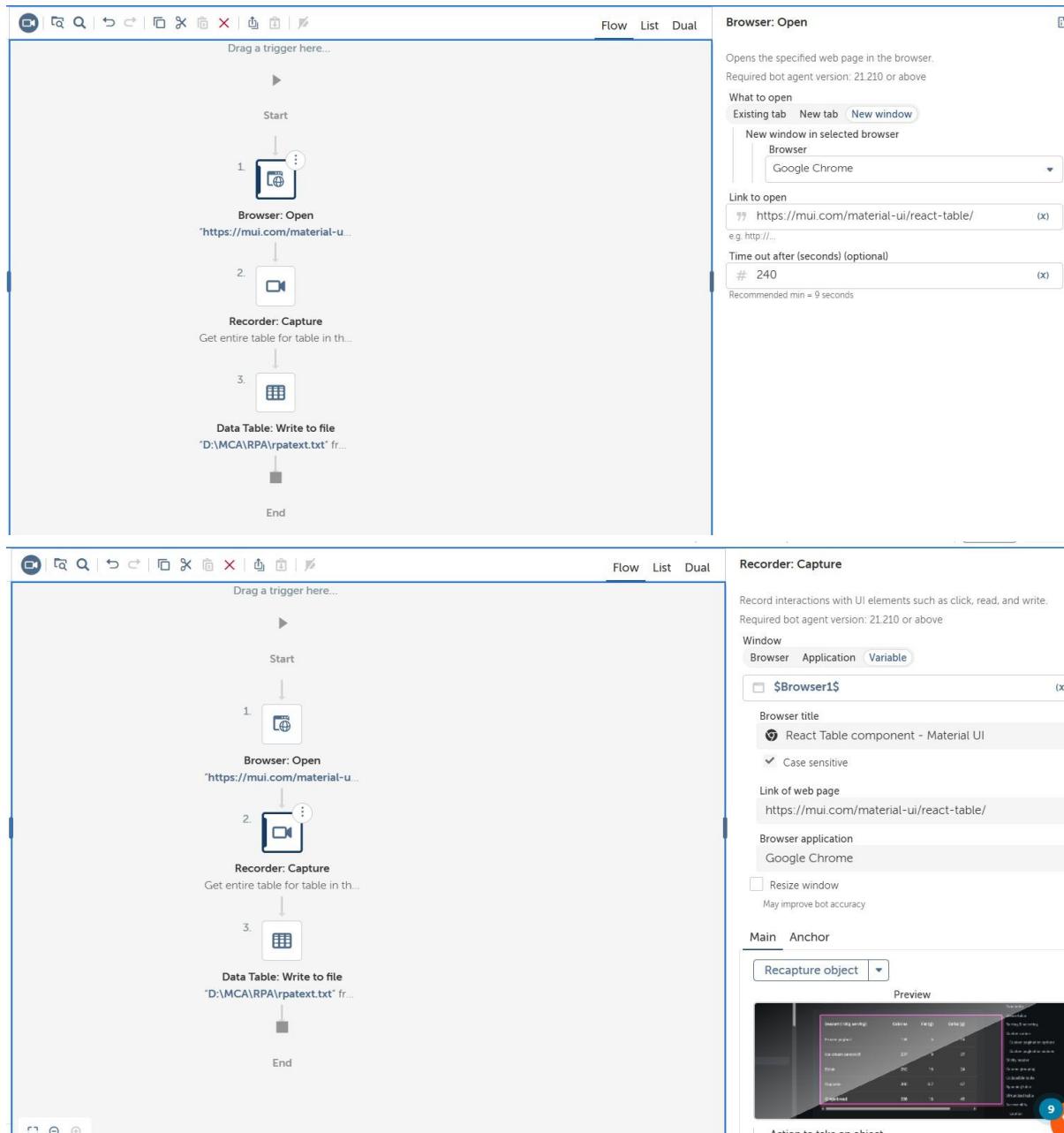
**MCA SEM II 2024-25**

**Roll No: C24085**

Name	Date modified	Type	Size
F1	6/28/2023 7:46 PM	Microsoft Edge PD...	62 KB
F2	6/28/2023 7:50 PM	Microsoft Edge PD...	210 KB
OUTPUT1	6/28/2023 7:58 PM	Microsoft Edge PD...	253 KB

**PRACTICAL 46**

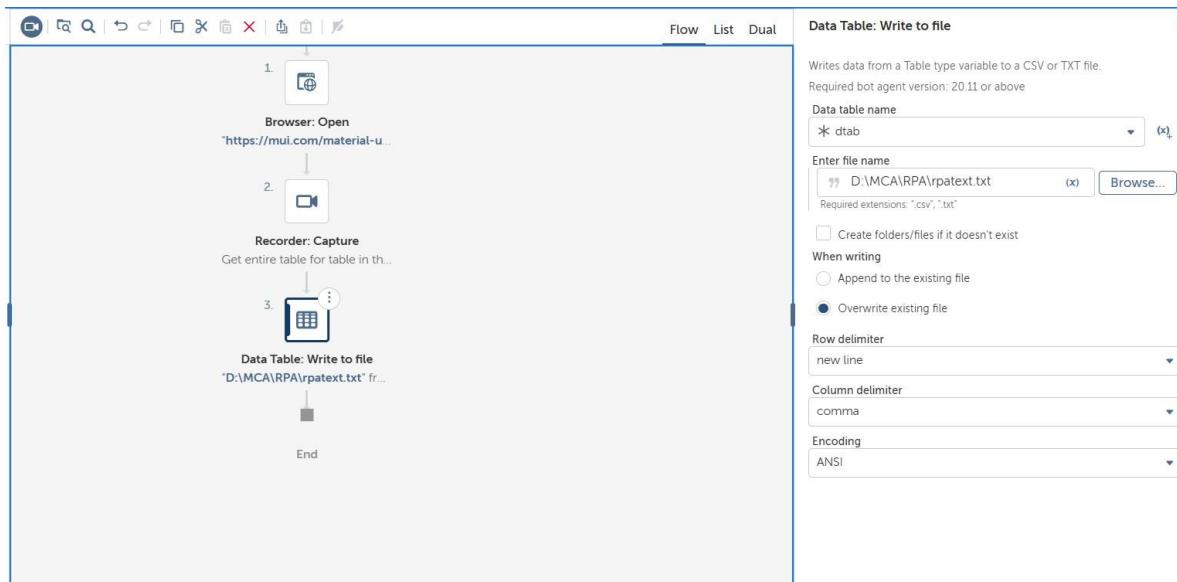
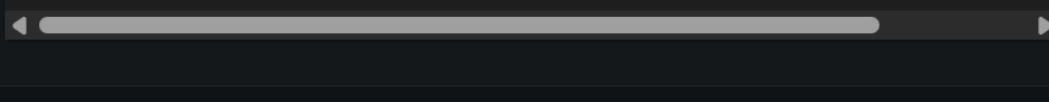
**46 WRITE A BOT TO SCRAPE DATA FROM A WEB TABLE AND STORE IT IN A FILE**



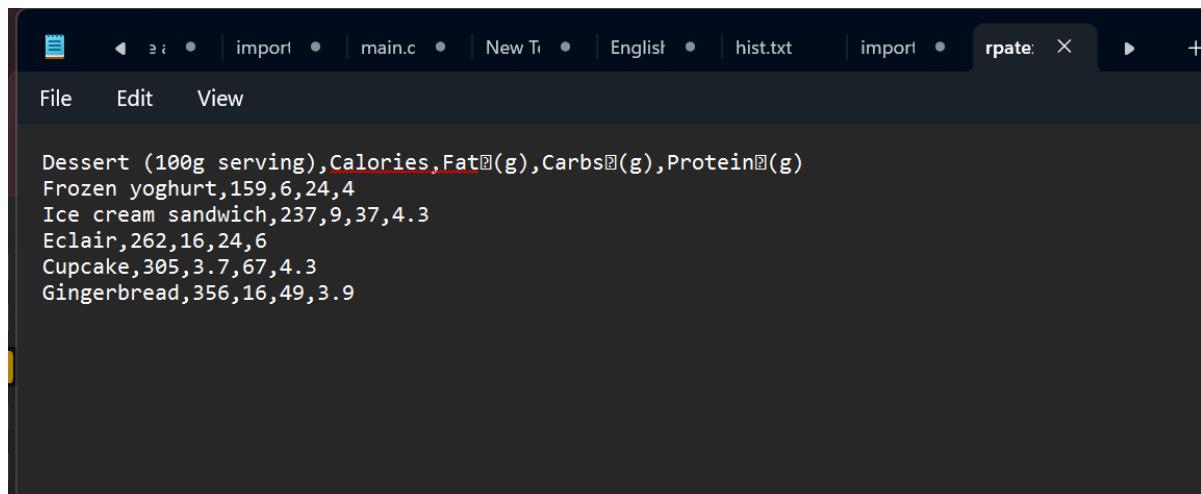
## Basic table

A simple example with no frills.

Dessert (100g serving)	Calories	Fat (g)	Carbs (g)
Frozen yoghurt	159	6	24
Ice cream sandwich	237	9	37
Eclair	262	16	24
Cupcake	305	3.7	67
Gingerbread	356	16	49

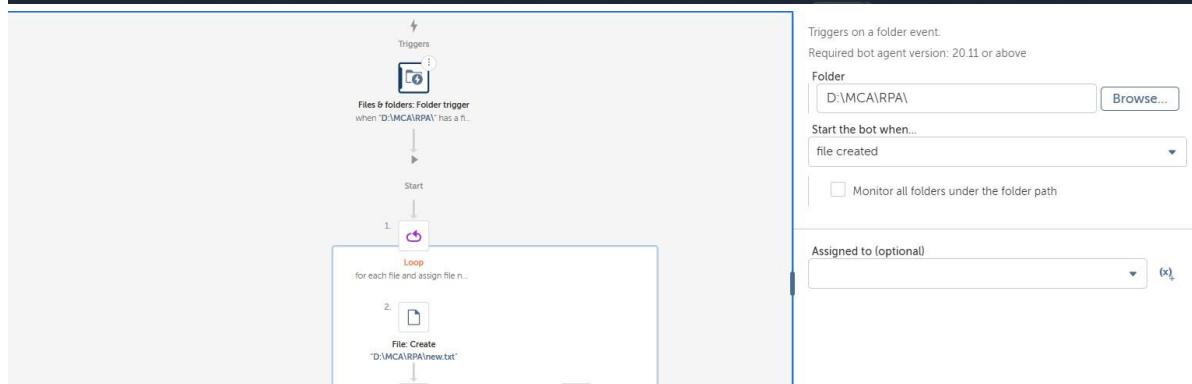
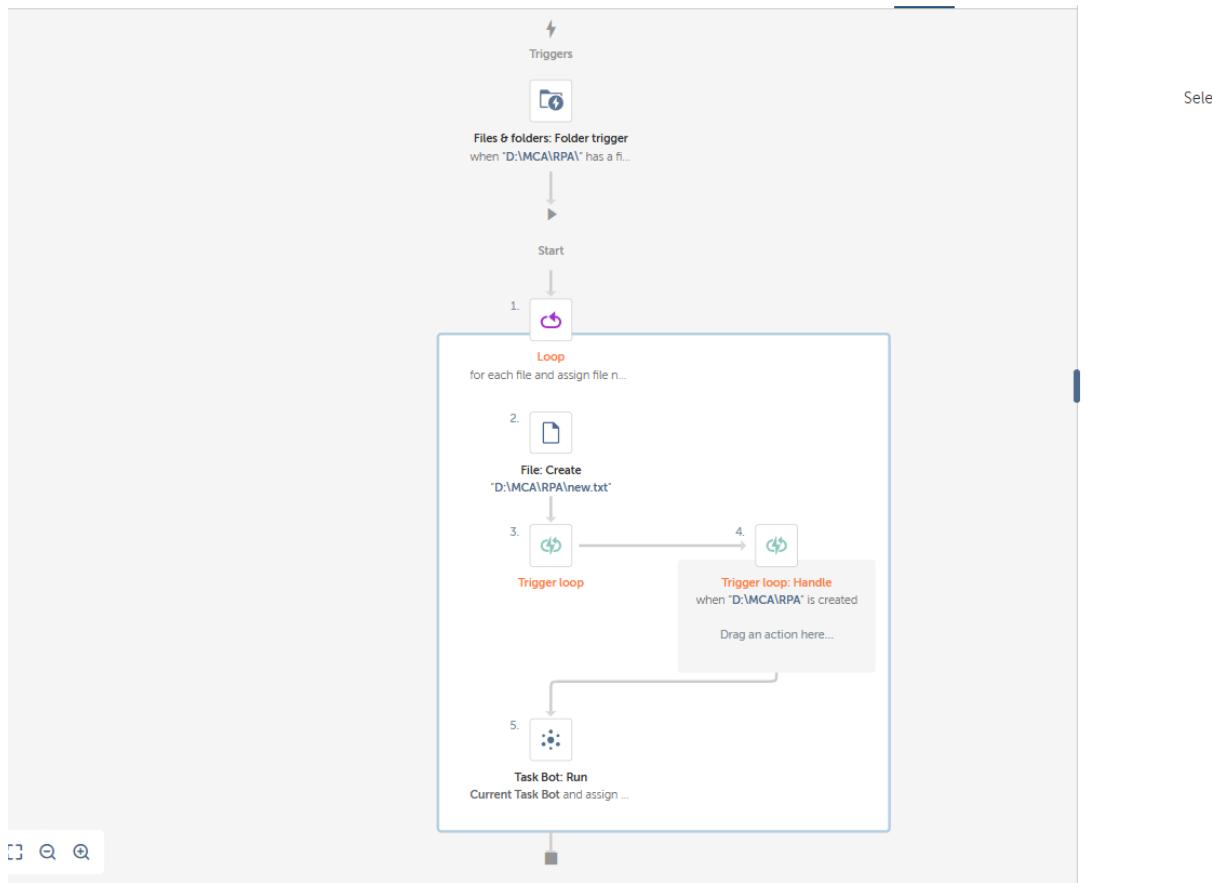


**OUTPUT:**



Dessert (100g serving),Calories,Fat(g),Carbs(g),Protein(g)  
Frozen yoghurt,159,6,24,4  
Ice cream sandwich,237,9,37,4.3  
Eclair,262,16,24,6  
Cupcake,305,3.7,67,4.3  
Gingerbread,356,16,49,3.9

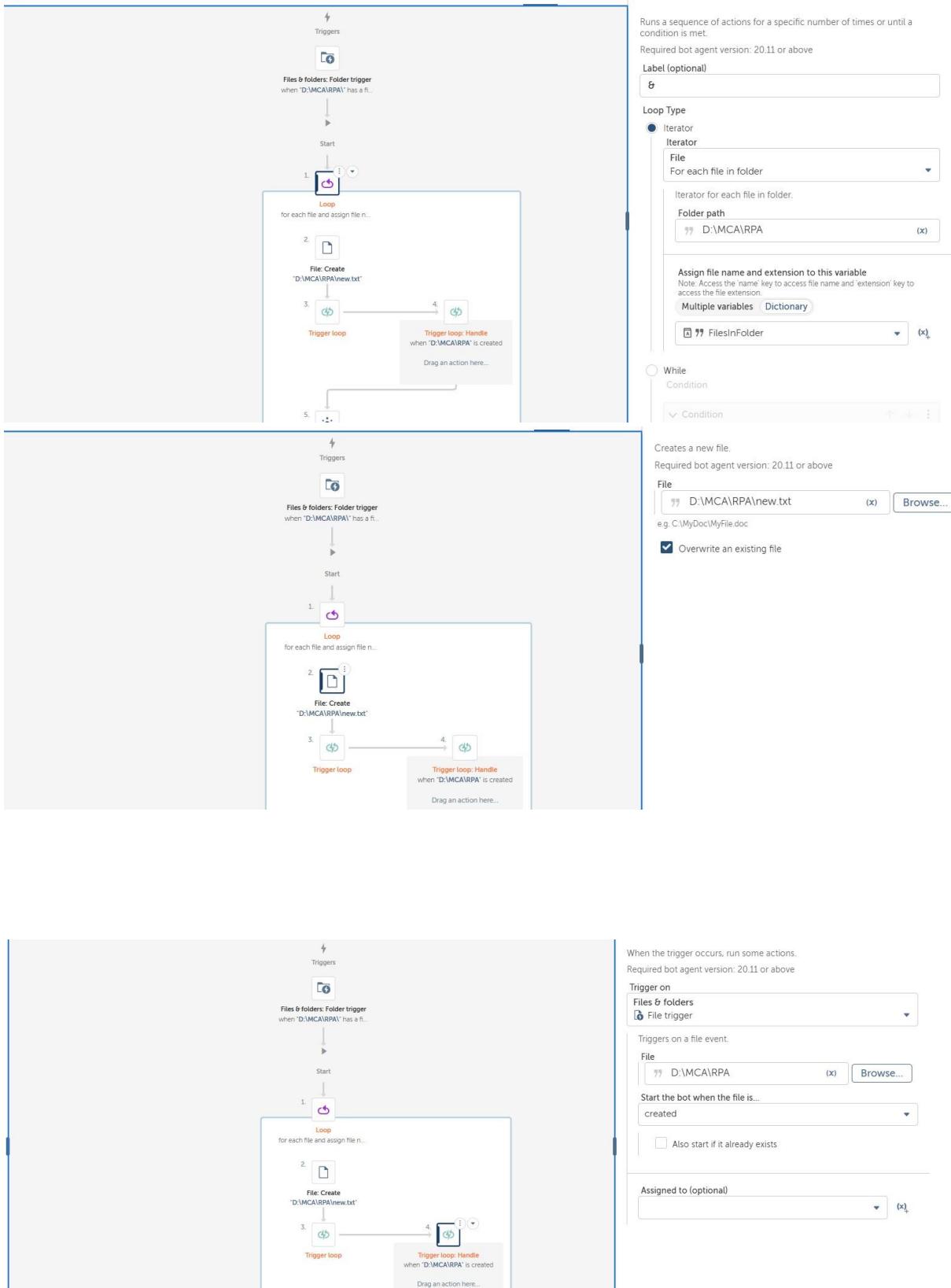
**PRACTICAL 47 WRITE A BOT TO GET A TRIGGER FIRED WHEN A FILE IS CREATED IN A FOLDER.**

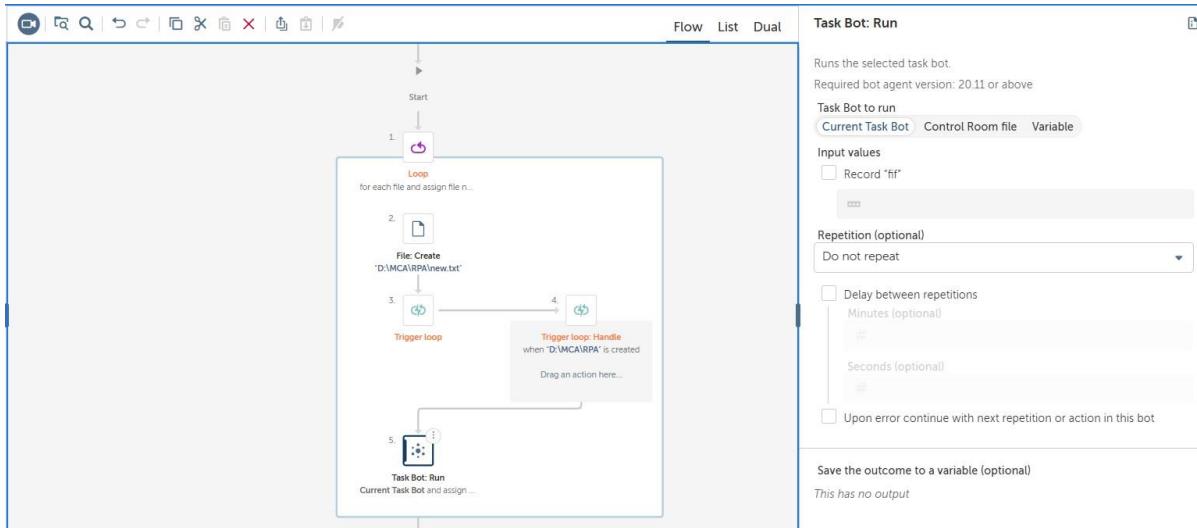


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**Roll No: C24085**





## OUTPUTS:



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ROBOTICS LAB

ROLL NO: C24090