6-1-25

Week-1

AIM: Installation of RPA Packages

UIpath Installation steps:

Installing UIpath involve several steps. Here's a detailed guide on how to install uipath studio

1) Download UIpath studio:-

→ Goto the UIpath website (https://www.uipath.com/start-trial)

→ click on start free! Download com Edition to download uipath studio

2) Run the Installer;

→ once the download is complete, run the installer by double clicking on the downloaded file

Eg: uipathsetup.exe

3) Select Installation type;

→ choose the Installation type

→ Enterprise (for licensed users with Enterprise plan)

→ Community (for free community Edition)

→ click continue or next to proceed.

4) Accept License Agreement;

→ Read and accept the License Agreement

→ Click "Next" to Continue

5) choose Installation Folder:

→ Select the folder where you want to install uipath

Studio

→ Click "Next

6) Select com

→ choose

→ Uipat

→ uipa

→ uipa

→ click "Ne

7) Select Ad

→ choose a

such as cr

→ click on

8) Installatio

→ wait for

a few minu

9) complete

→ once th

exit the

10) Activate

→ If you'

activate yo

- ope
- cli
- Se
- En

to

Studio
→ Click "Next" to proceed

6) Select components:
→ choose the components you want to install
  → UiPath Studio: the main development environment
  → UiPath Robot: the execution agent for running automation processes
  → UiPath Orchestrator: the web-based management platform (Optional)
→ click "Next" to continue

7) Select Additional Tasks (Optional):
→ choose any Additional tasks you want to perform such as creating shortcuts or installing dependencies
→ click on "Install" to start the installation process

8) Installation progress:
→ wait for the Installation to complete. This may take a few minutes

9) Complete Installation:
→ once the Installation is finished, click "Finish" to exit the Installer

10) Activate License (for Enterprise user):
→ If you're using the Enterprise edition, you'll need to activate your license
  - open UiPath Studio
  - click on 'Help' in the top menu
  - Select "Activate" License
  - Enter your License key and follow the prompts to activate

11) Launch UiPath Studio:

→ Double-click on the UiPath Studio icon on your desktop or search for it in the Start Menu

→ If you're using the community edition, you'll need to sign in with your UiPath account

12) Update Packages (Optional):

→ once UiPath Studio is launched, you can update packages by clicking on the "Manage Packages" button in the "Design" tab

→ update or install any required packages for your projects

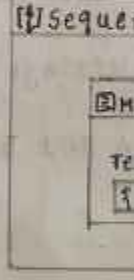
You've successfully installed UiPath Studio. You can now start creating, testing, executing automation projects using UiPath

22-1-25

Aim: Perform autom

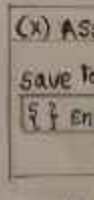
Steps:

1) After creating
the Left panel
2) Click on the
3) Then search the
4) Type Any string
quotes
5) And then debu
6) At last it wi



Sum of 2 Number

1) After creating
the left panel
2) Select the
3) search for ASSI



clic

Week-2

Aim: Perform automation for variables and data types.

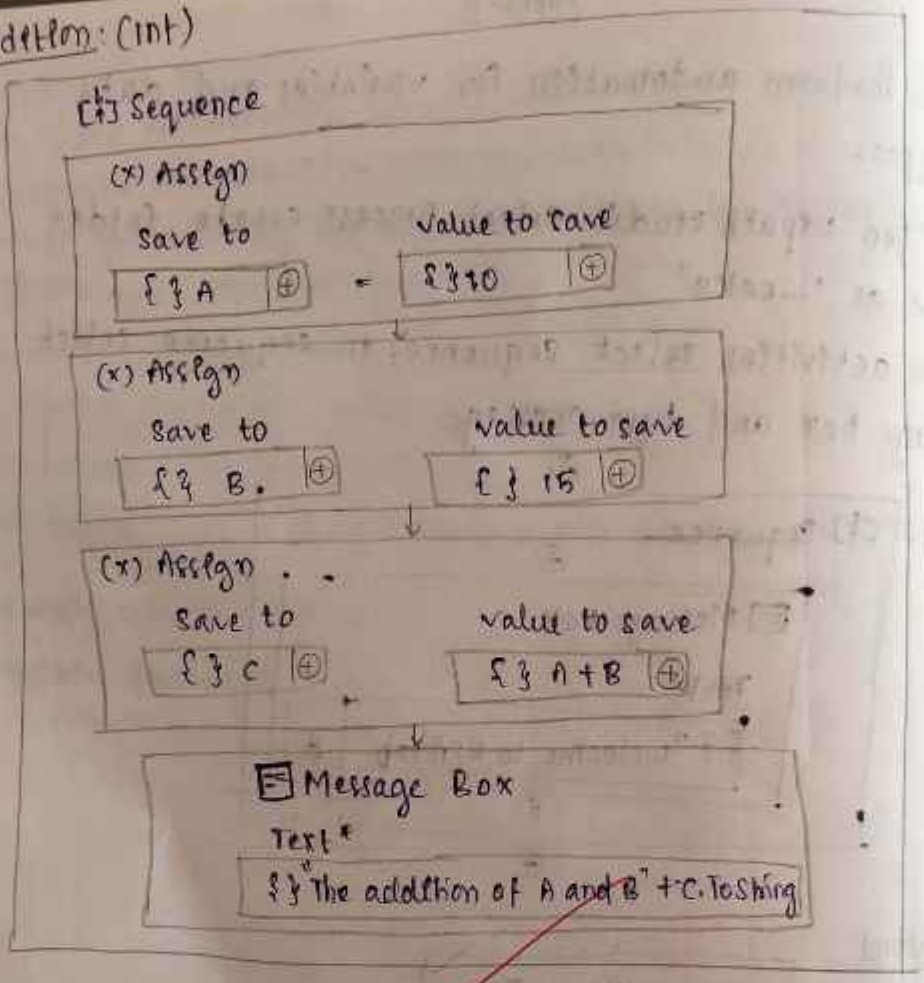
→ Open Ulpath studio, select process create folder name as 'week2'

→ In activities select sequence, in sequence select message box and type message.

output:

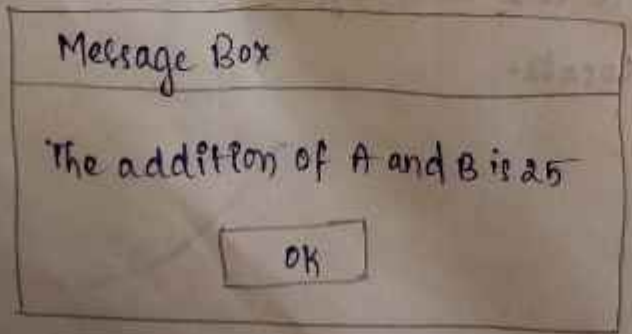
→ Select write line and type "Hello" it will show message in locals.

Addition: (int)

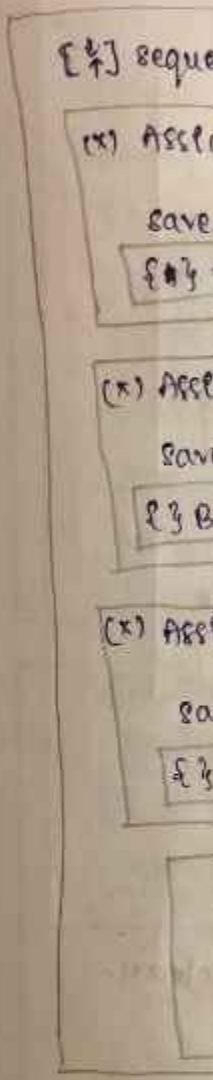


- In assign save to first do "Ctrl+K" and type variable
- In variables change variable type to Int32
- click on debug

output:



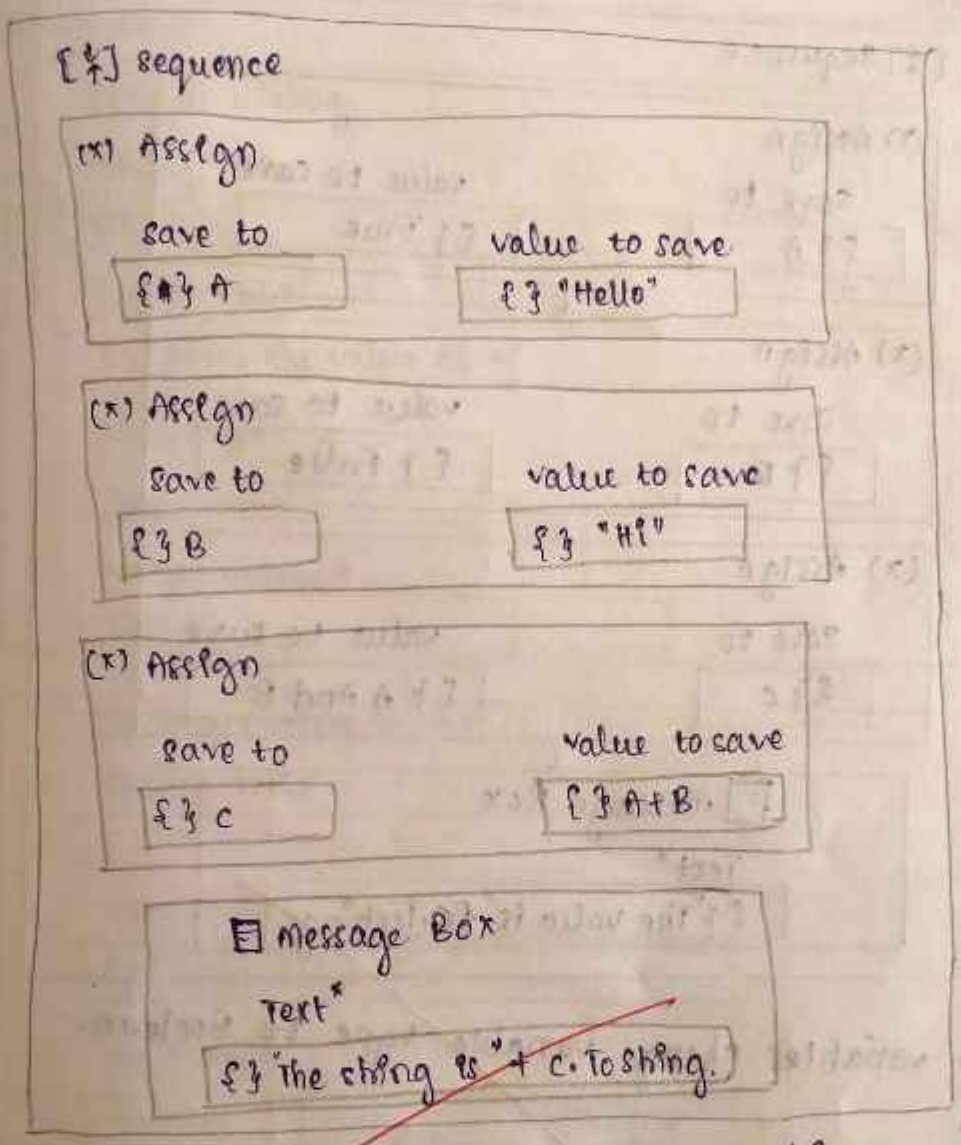
String:



- In variable

output:

String:



→ In variables change variable type to string.

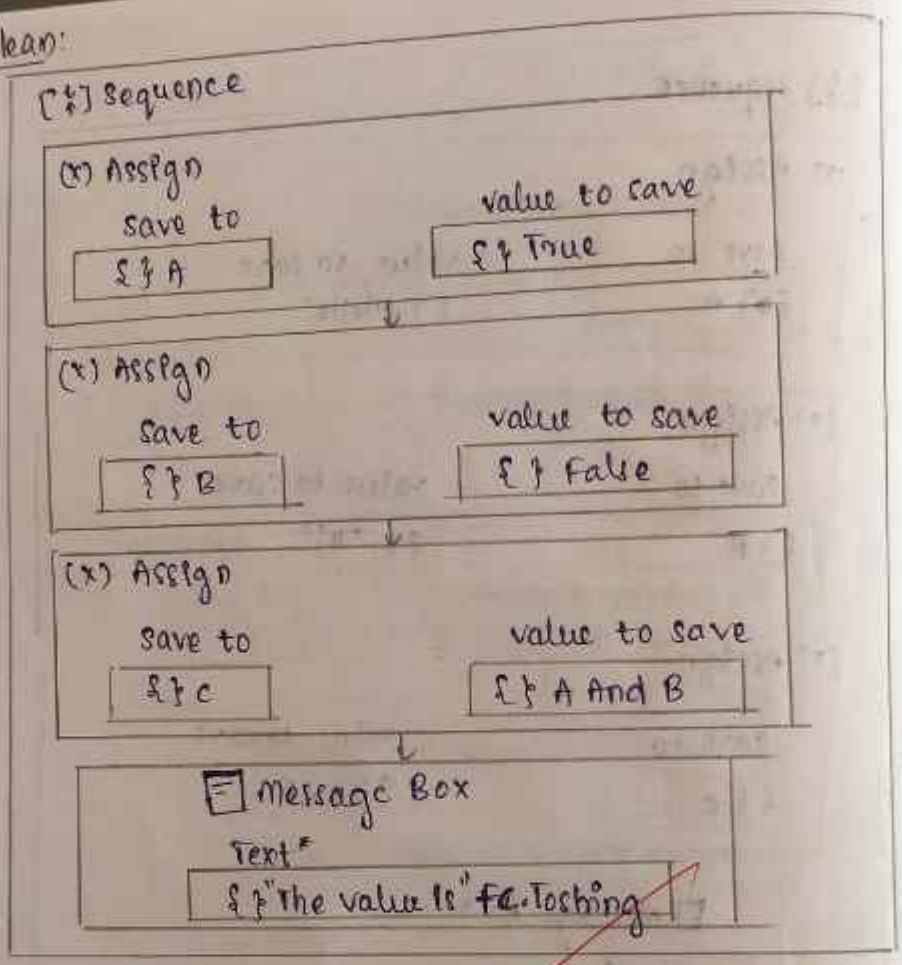
Output:

Message Box

The string is HelloHi

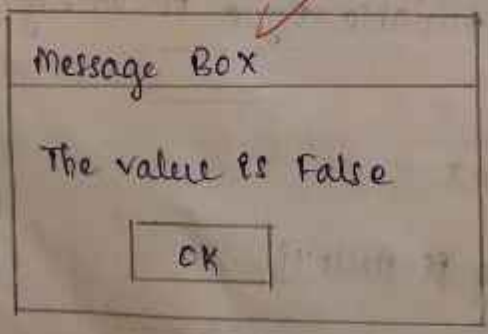
OK

Boolean:

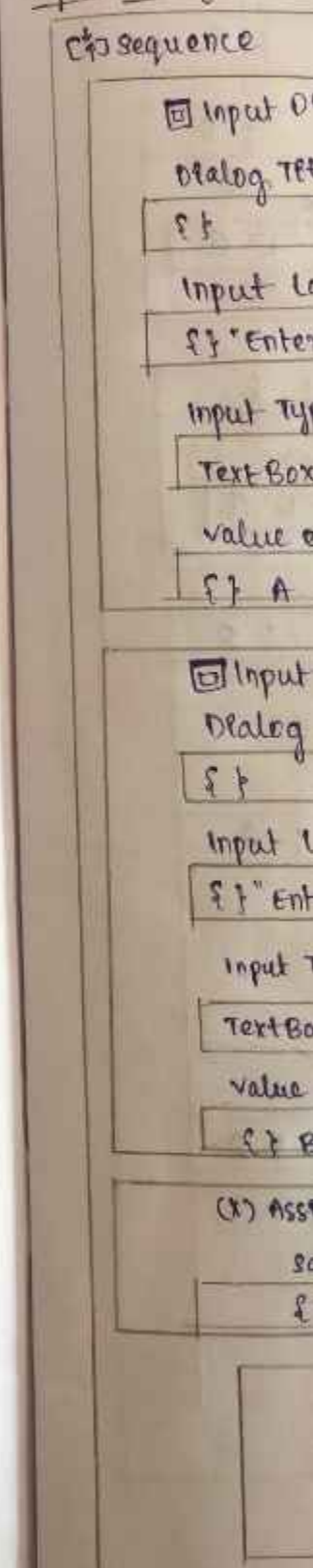


→ In variables change variable type to Boolean.

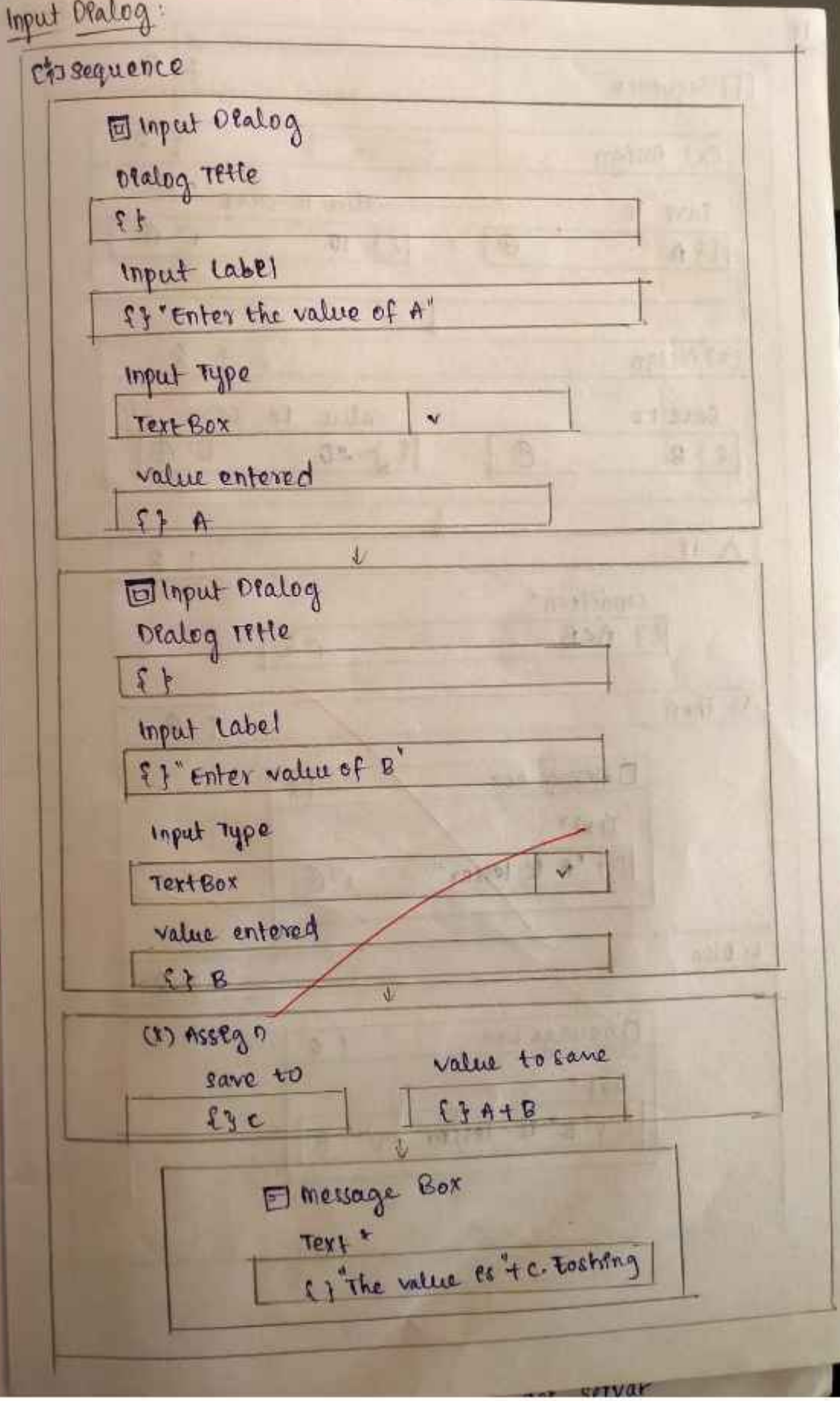
output:



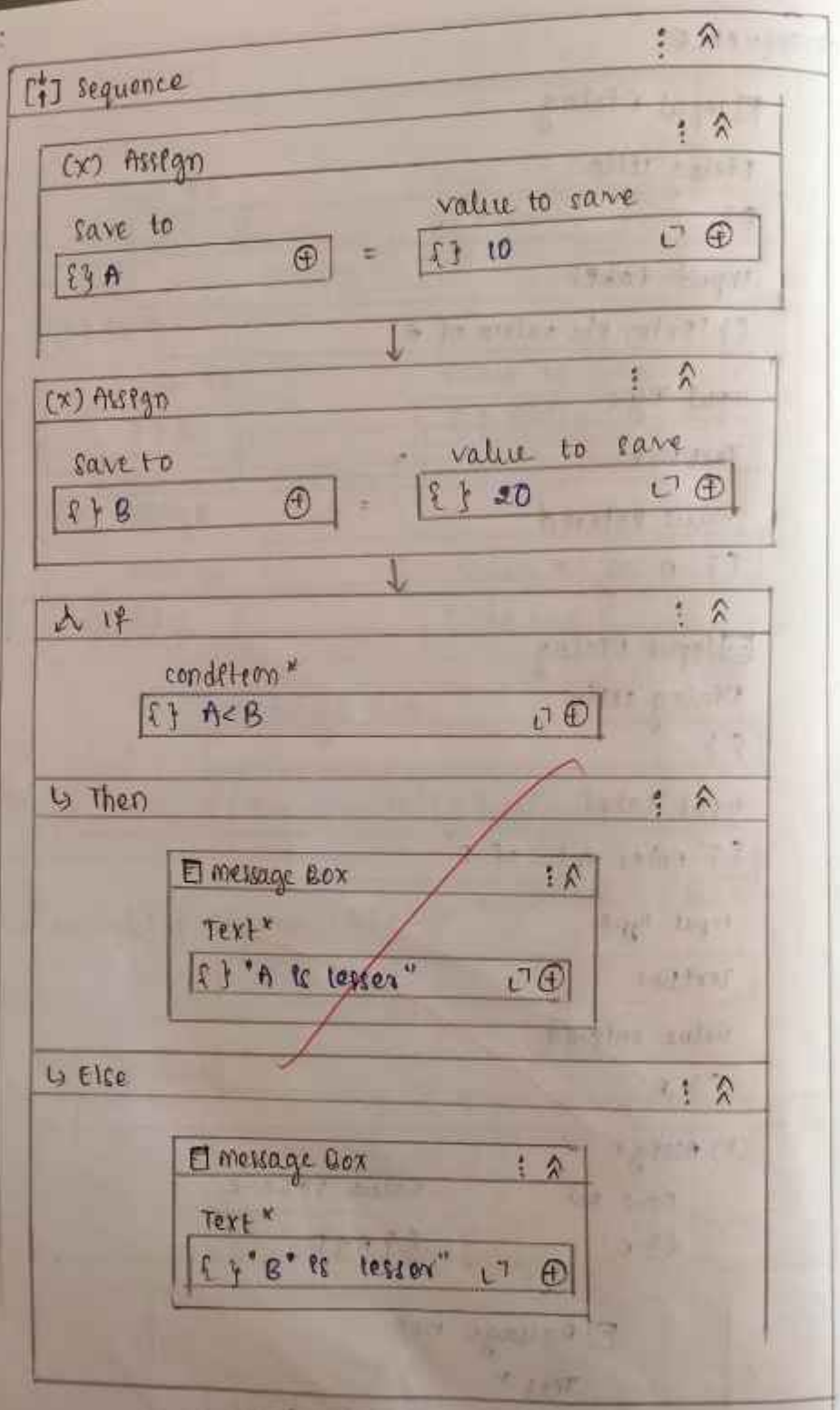
Input Dialog:



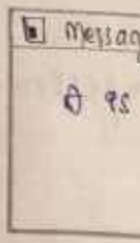
Input Dialog:



If:

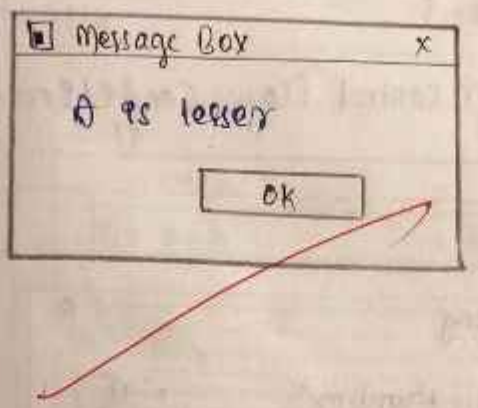


output:



Sravani
5/2/25

output:



Sooraj
5/2/25

Week-3

05/02/25

Aim: Design a process for control flow: Conditional statements.

Sequence

Input Dialog

Dialog title

{} "Enter any Number"

Input label

{} "Enter a value"

Input type

Text Box

value entered

{} A

Input Dialog

Dialog title

{} "Enter any Number"

Input label

{} Enter b value"

Input type

Text Box

value entered

{} B

If

Condition

{} A=B

Then

Message Box

Text *

{} "A is equal to B"

output:

Enter an

Enter

19

else

If

Condition *

A>B

then

Message Box

Text *

"A is greater"

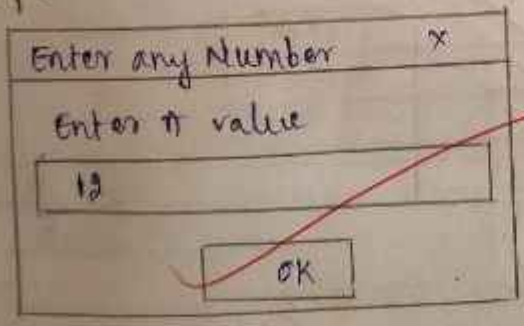
else

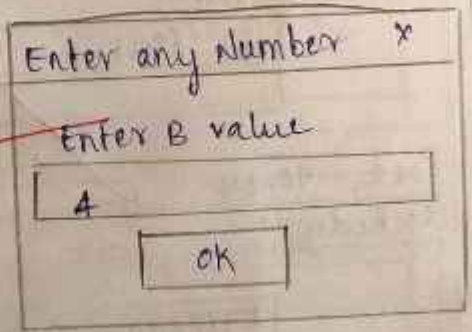
Message Box

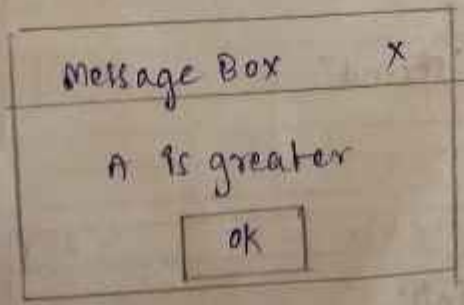
Text *

"A is lesser"

output:







Switch.

[ ] Sequence

Input Dialog

Dialog Title

{} "Enter a day"

Input label

{} "Enter a day"

Input Type

Multiple choice

Input Options (separate with ;)

{} "85-100; 70-84"

value entered

{} score

Switch 85-

Expression*

{}

case 85-100

Body

Message Box

Text*

{} "first"

case 70-84

Body

Message Box

Text*

{} "second"

Default

Message Box

Text*

{} "fail"

o/p:

Enter a day

Enter a day

85-100

while:

[ ] Sequence

Input

Dialog

{} "Ent

Input-

{} Ente

Input

Text

Value

{} n

Assign

Save to

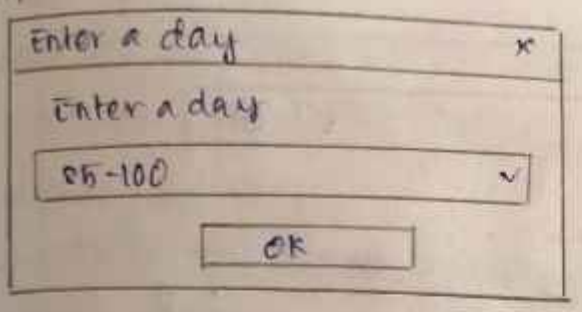
{} f

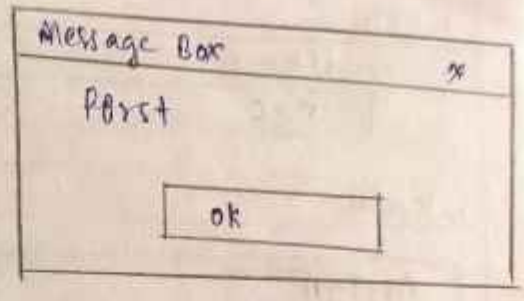
Assign

Save to

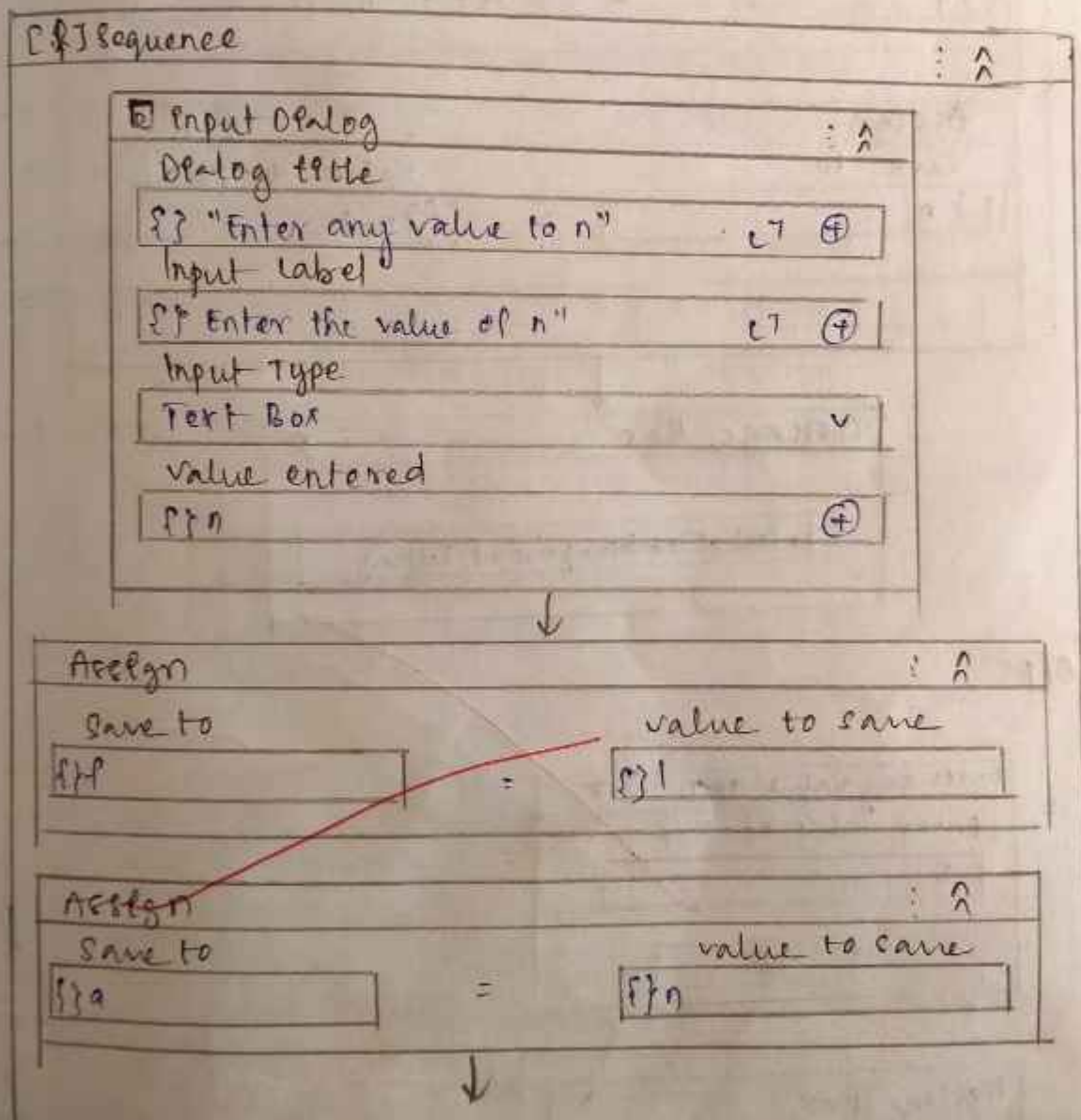
{} a

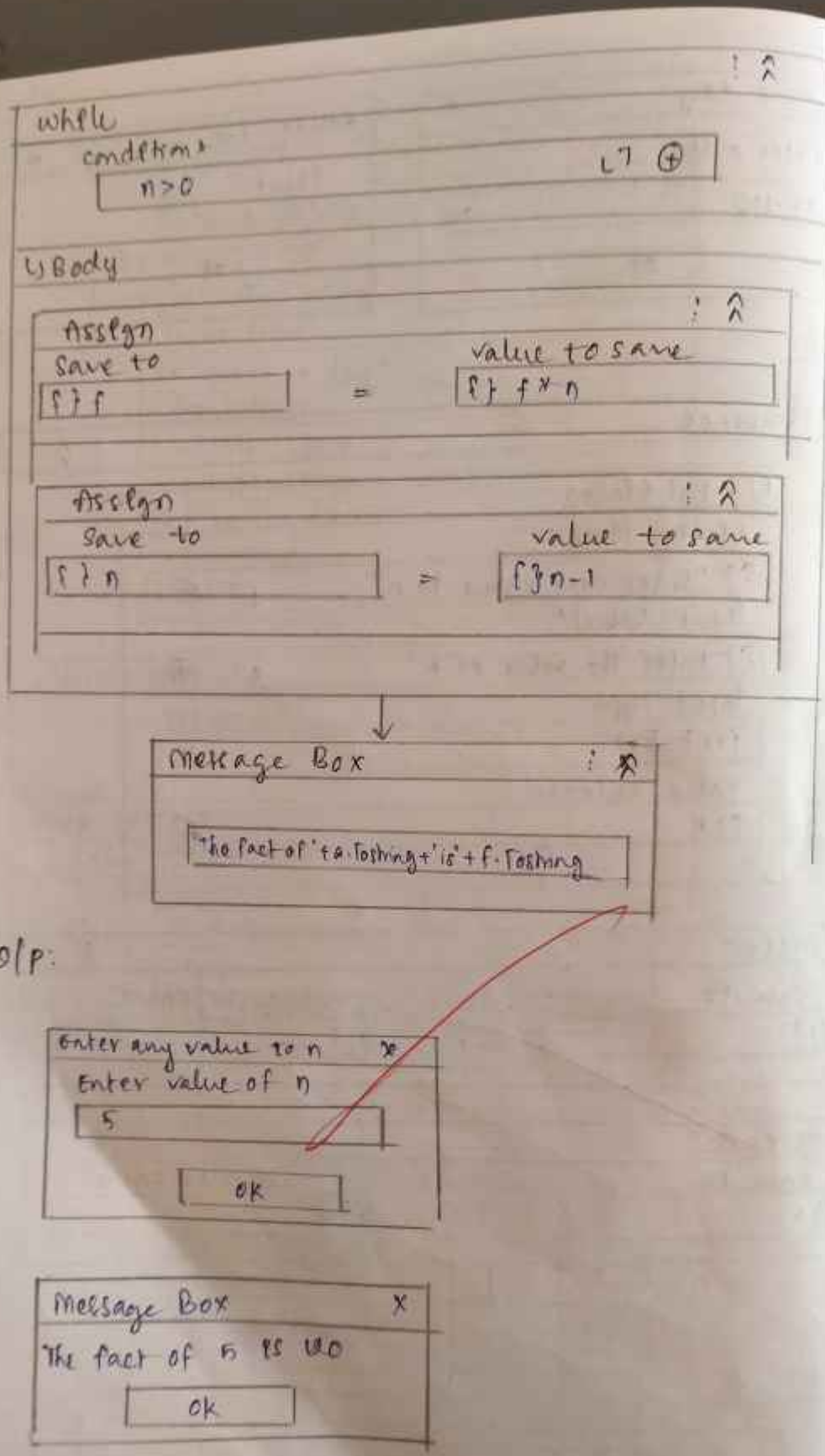
O/P:


Enter a day
Enter a day
05-100
OK


Message Box
Rest
ok

while:


Sequence
Input Dialog
Dialog title
"Enter any value to n"
Input Label
Enter the value of n"
Input Type
Text Box
Value entered
n
Assign
Save to
value to save
=
Assign
Save to
value to save
a
=
n


while
condition
n>0
Body
Assign
Save to
f
=
value to save
f * n
Assign
Save to
n
=
value to save
n-1
Message Box
"the fact of " + a.ToString + " is " + f.ToString

O/P:

Enter any value to n
Enter value of n
5
OK

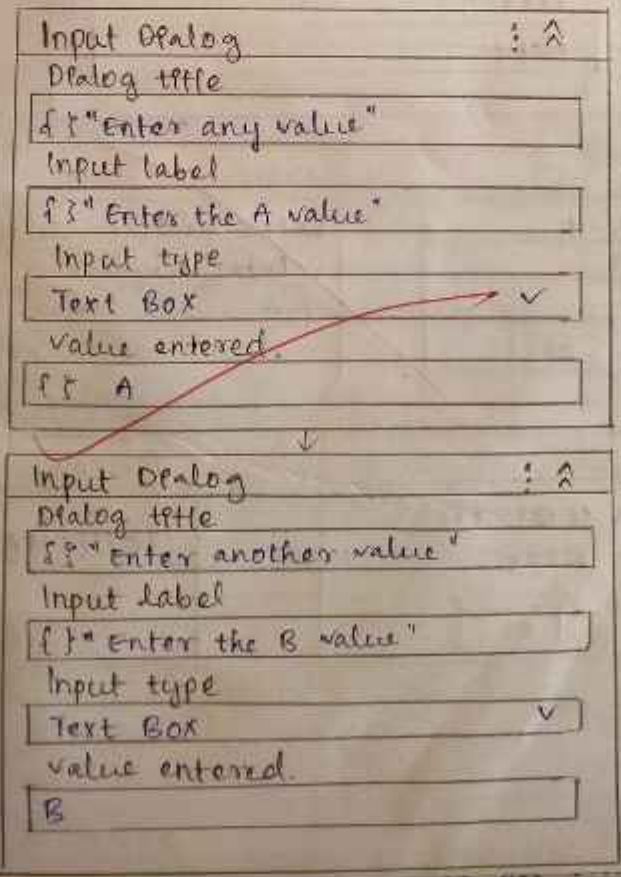
Message Box
The fact of 5 is 120
Ok

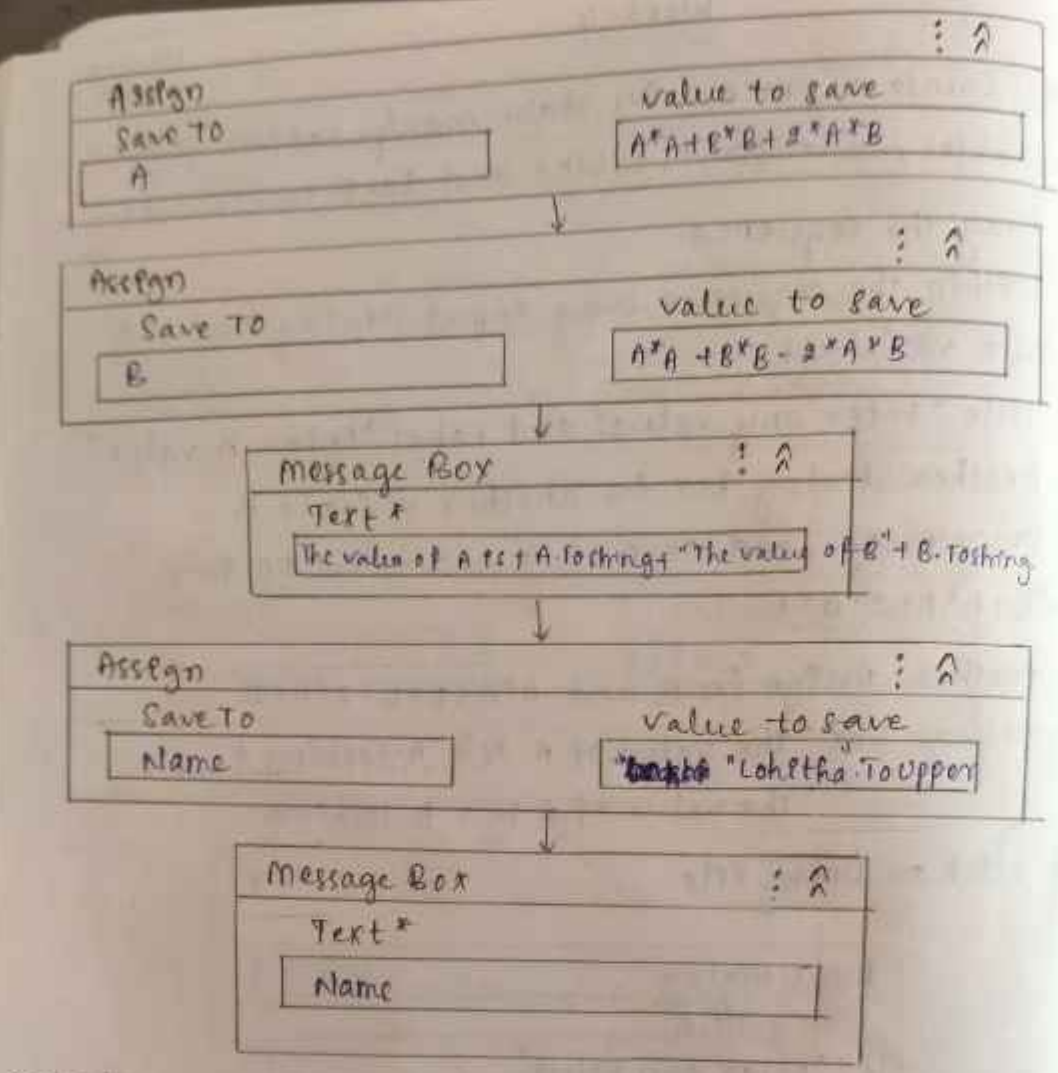
Week-4

12/09/25

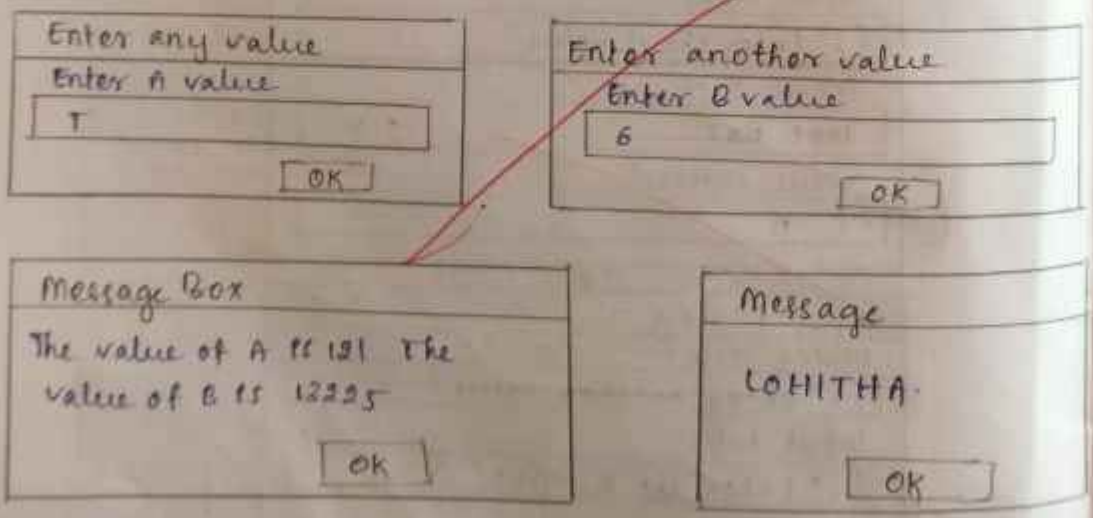
Aim: Create a process for data manipulation scalar variables, collections, tables and text manipulation.

—> Drag the sequence
—> within the sequence Drag input dialog box to create variables.
—> Title "Enter any value" and label "Enter A value"
—> Another dialog box for another variable B
—> Drag Assign and save to A and value to save $A^*B+B^*B+2*A*B$
—> Another Assign for B and $A^*A+B*B-2*A*B$
—> Message box "The value of A is" + A.ToString + "The value of B is" + B.ToString
—> click on Debug file.





Output:



List:

-> Drag the
-> Save to "
from "APP
-> For the
In that se
-> In drop d
-> Drag the
give what
-> To displ

Assign
Save
Lest

List:

→ Drag the sequence. In that drag assign.

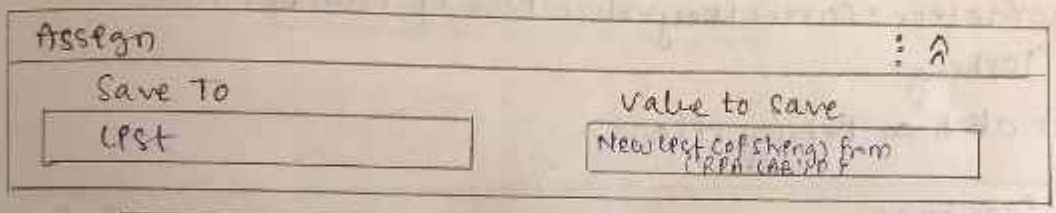
→ Save to "List" and value to save "New list of string from {"RPA LAB", "DS LAB", "C LAB"}

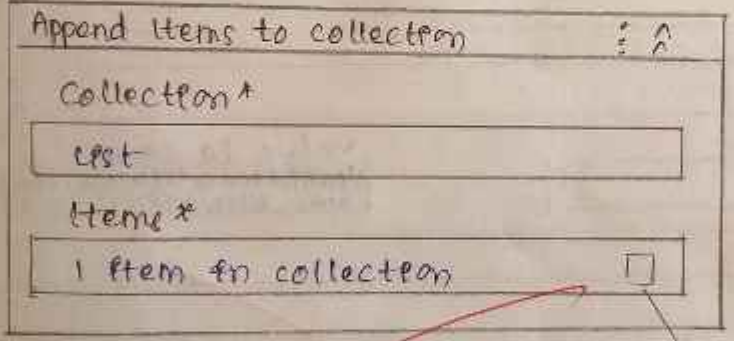
→ For the list variable type go to Browse to type In that search for "System.collections.generic.List"

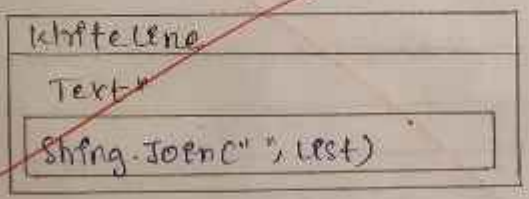
→ In dropdown select string and select the list.

→ Drag the append items to collections. In the item give what you want to append.

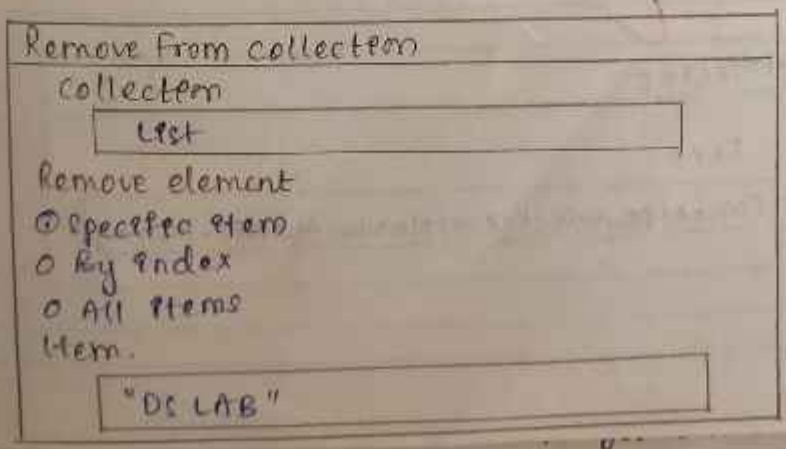
→ To display Drag write line "string.Join(", list)







"DSA LAB"



WriteLine
Text
String.Join(" ", list)

output: RPA LAB C LAB DBMS LAB.

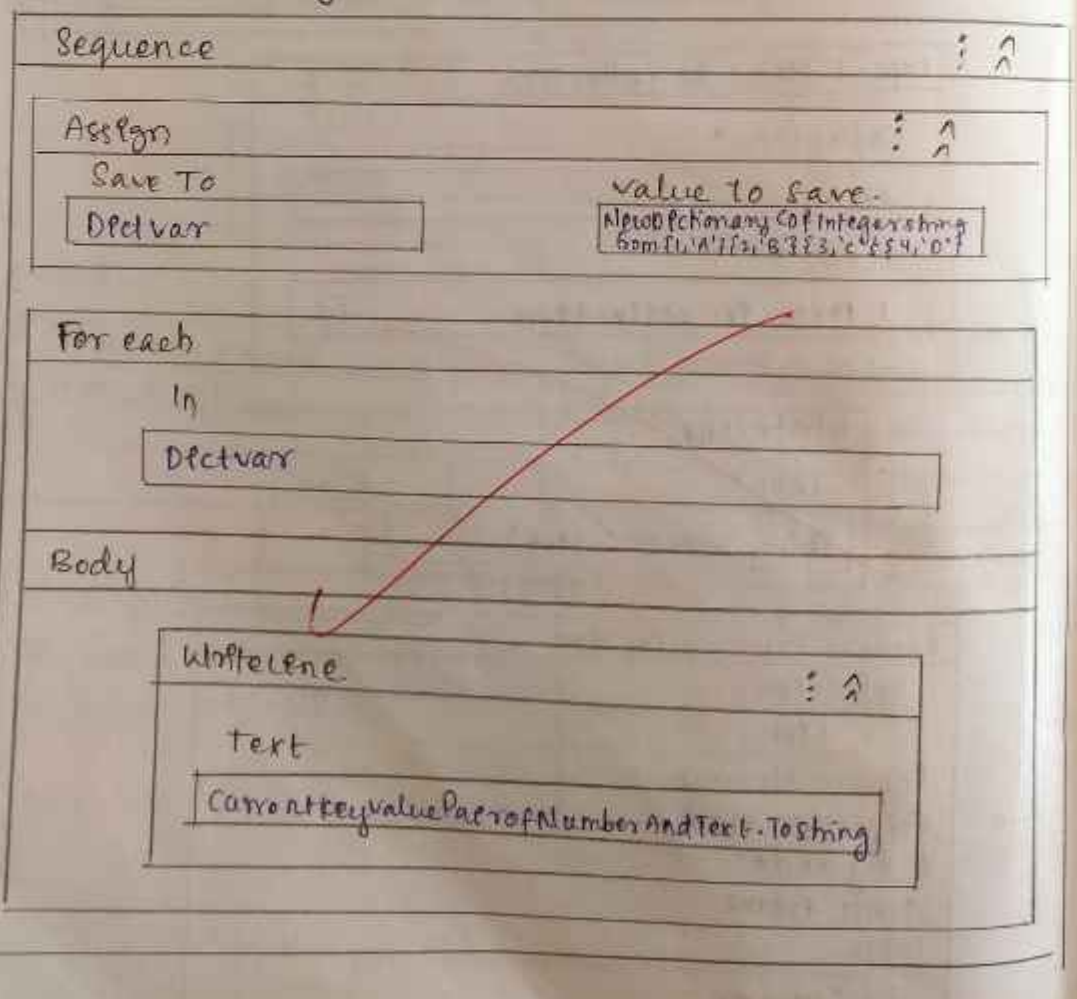
Dictionary:

—> Drag the sequence and in that assign.

—> In that Save to "Dictvar" value to save" New Dictionary of(Integer, string) from {{1, "A"}, {2, "B"}, {3, "C"}, {4, "D"}}

—> Drag for each in In "Dictvar" and Body Drag WriteLine "CurrentKeyValue Pair of Number And Text. ToString"

—> click on Debug file



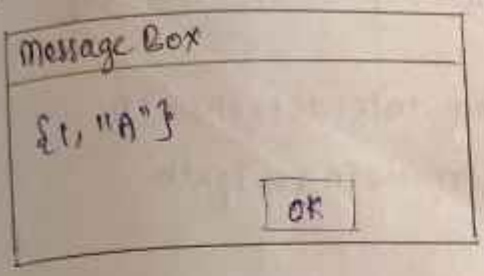
output:

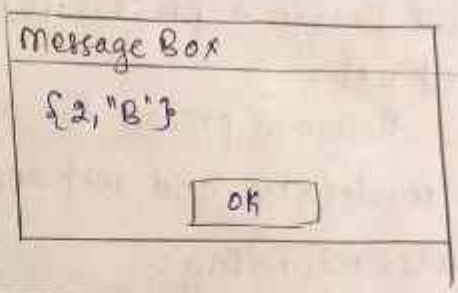
Message Box

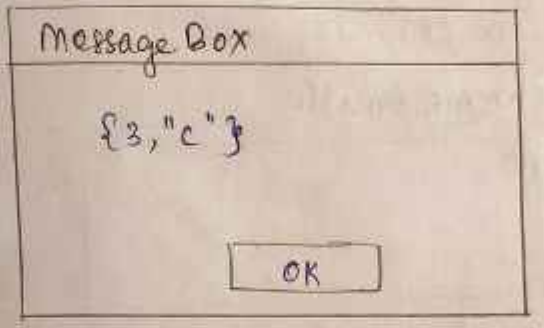
{1, "A"}

Sonu 19/2/25

Output:







19/2/25

19/2/25

Experiment-5

Aim: Design a process for recording - basic, desktop and web.

Basic recording

→ open any application like Notepad/ msword

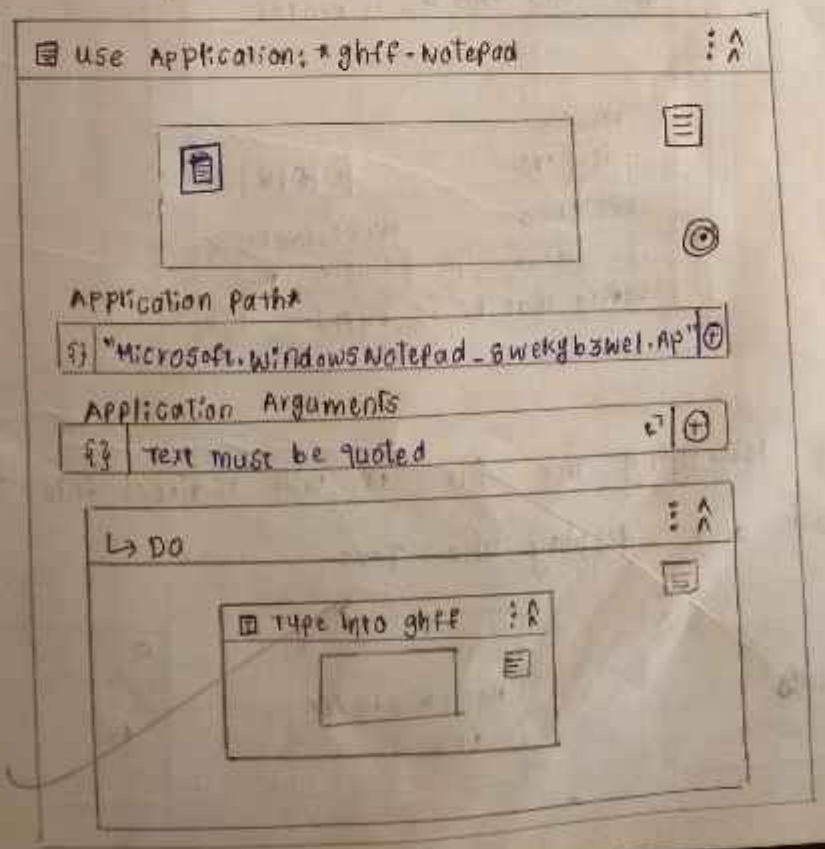
→ search for use application/Browser in the Activities Search Box on the left panel.

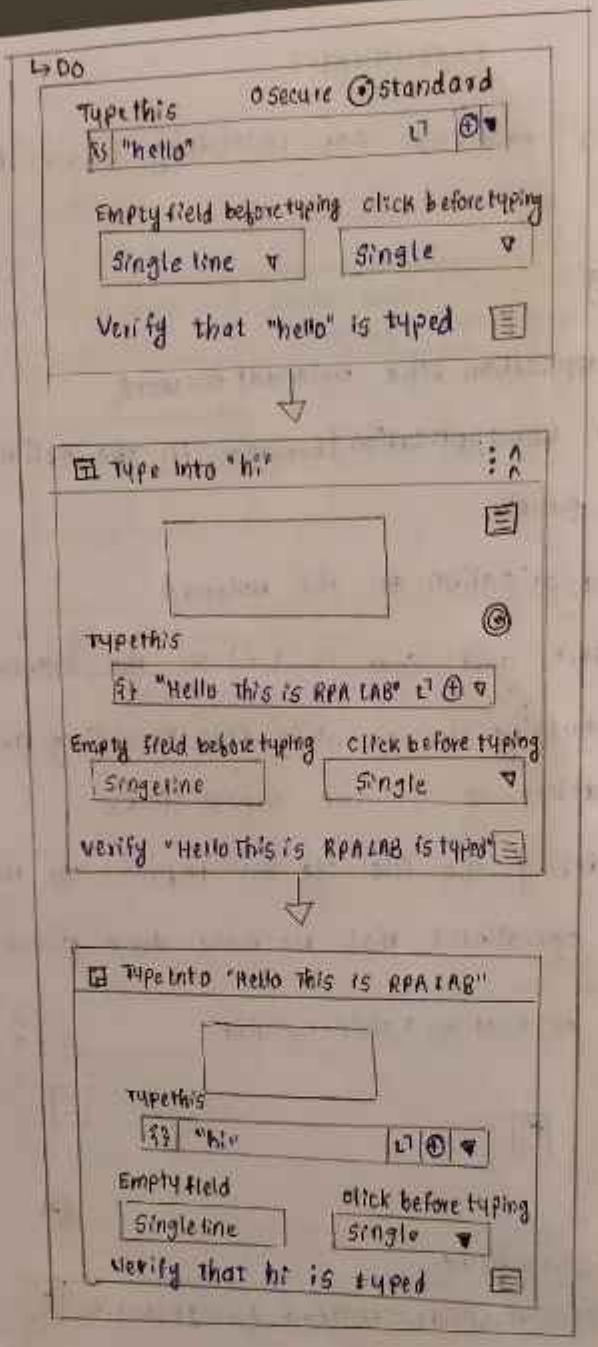
→ click select application on the Notepad

→ Type any text and Save it [✓] on the bottom

→ After performing the operation stop recording and save the file and debug it in the uipath studio

→ When we debug the file it will redirect to Notepad and perform the operations that we have done previously





Aim: perform automati

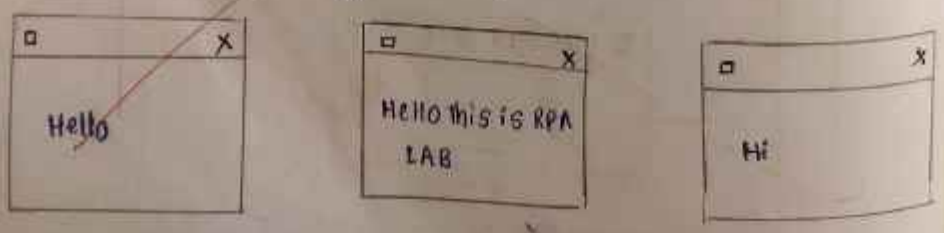
→ open uipath studio

→ Add a sequence

→ click on Appl web

o/p:

→ After debugging the file it will redirect into the Note pad and display the Text



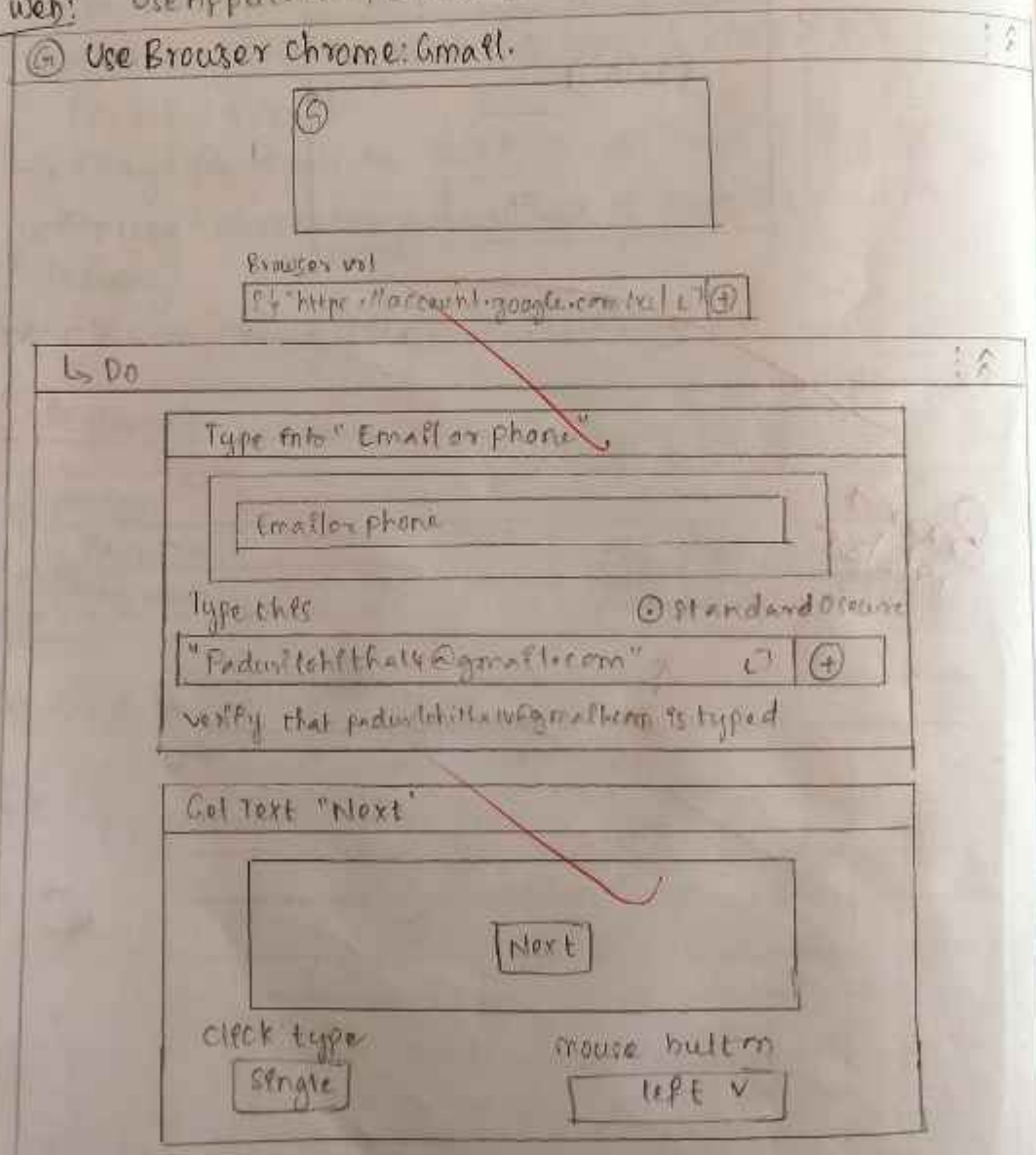
Week - 5 19/02/25

Aim: Design a process for recording - basic, desktop and web.

Design a process for recording interactions in basic, desktop, and web application using xpath

- Basic - recording:

web: Use Application / Browser



9/02/25
top

Type into "INPUT"

Enter Password

Type this ⊙Standard ○Secure

xxxxxx

verify that typed text is typed

click DIV

Next

click type: single

mouse button: left

click 'A'

click type: single

mouse button: left

click 'Sign out'

Sign out

click type: single

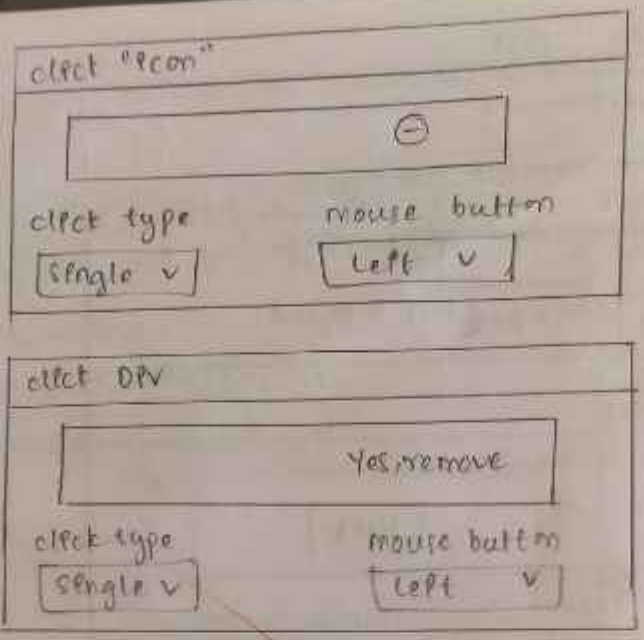
mouse button: left

click "Remove an Account"

○ Use another account
◉ Remove an account

click type: single

mouse button: left

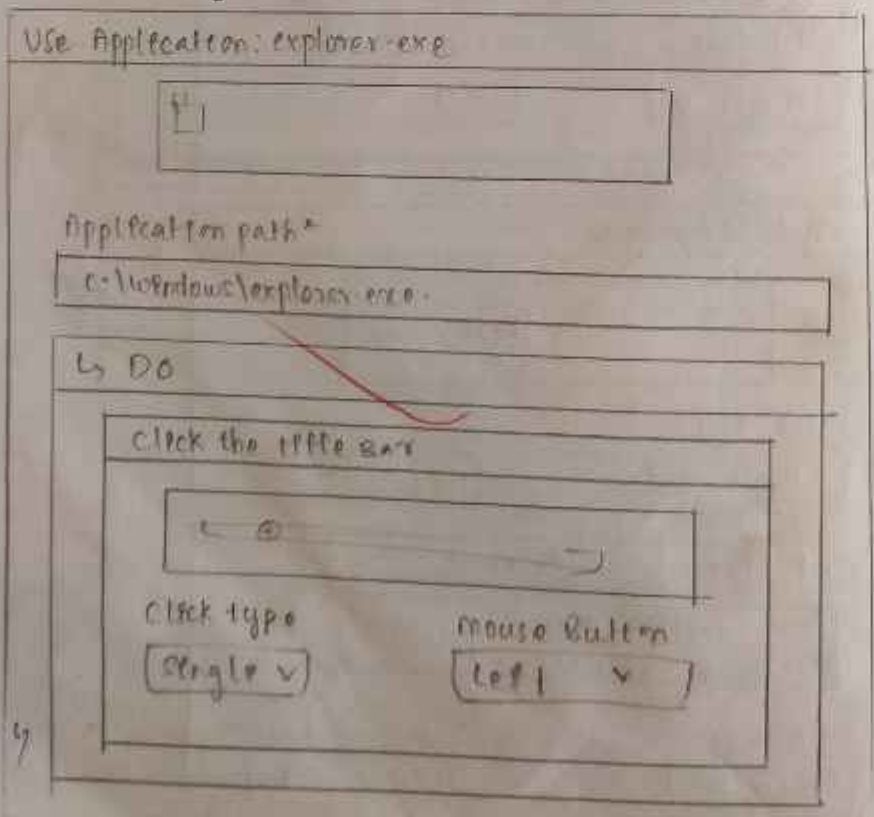


Output:

→ It opens gmail and enters email id, password.

→ It opens gmail account and it will signs out from it

Basic recording:



Output:

→ It will open file

26/3

Experiment-6

Aim: Design a process for scraping data using screen scraping and data scraping

→ open uipath studio and create a new process

→ search for wikipedia in chrome

→ search for use Application/ Browser in uipath

→ click on indicate Application, it will redirect to chrome and select that wikipedia Browser

→ in DO column search for TypeInto → indicate in use App/Browser and select the search Button

→ in Type this column write anything within double quotes

→ search for click and select the empty space before to the search button in the browser

→ Go to chrome and type the text in the search button bar that you gave previously

→ search for get Text and go to chrome select the text and select strict selector, remove fuzzy selector

→ save as Ext_txt (anyname) in the Saveto button

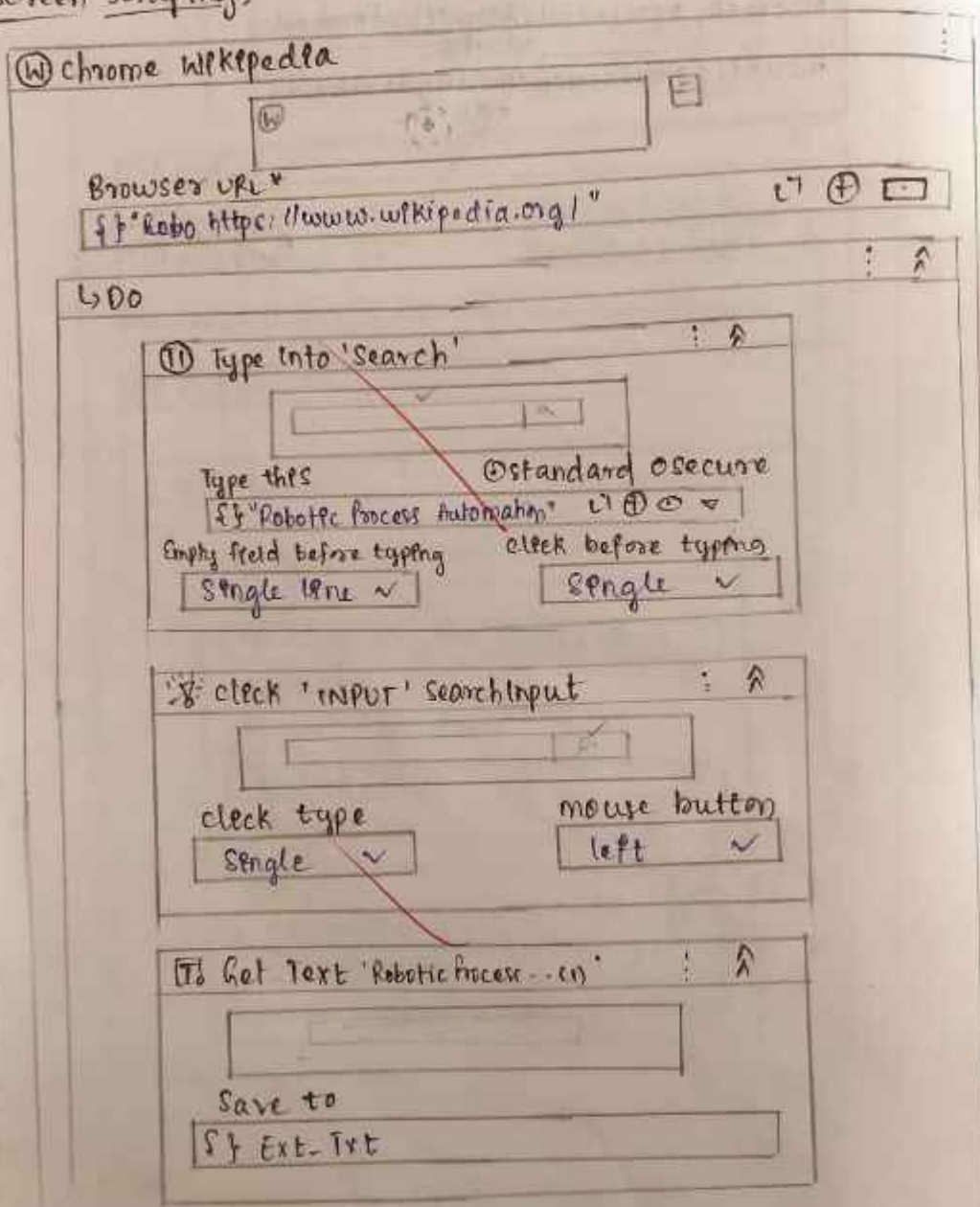
→ Search for Write Text File and in Text bar give the name previously with name we save previously (Ext_Txt)

→ Save the file with .doc extension

Experiment-6.

Designing a process for scraping data using screen scraping and data scraping.

Screen Scraping:



output:

→ Go to proje

Robot
a fe
- on
robo

Data scraping

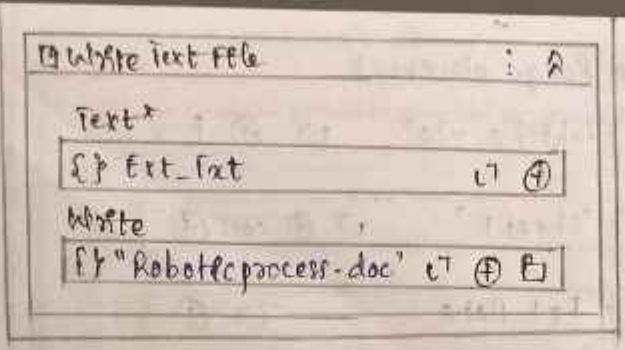
Browser

Browser
https://b

DO

Ext

Ex

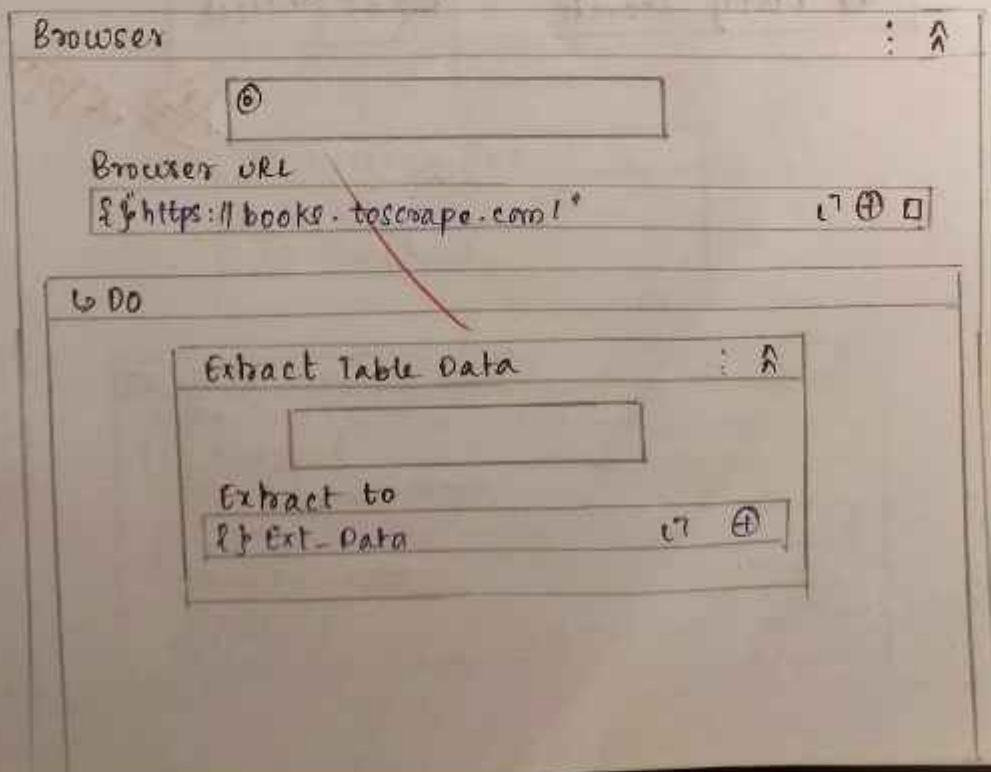


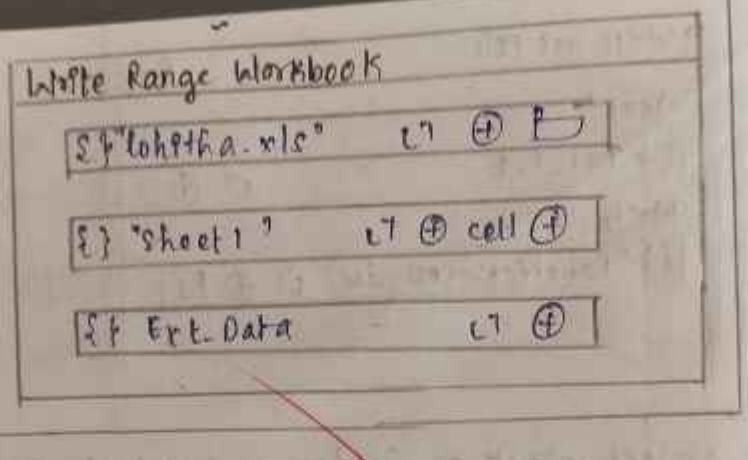
output:

→ Go to project, click on folder and select RPA-doc

Robotec Process Automation (RPA) is a form of business process automation that is based on software robots (bots).

Data scraping:





Output:

→ Go to project, click on folder and select lohitha.xls.

Book name	Price	Availability
A light on the Attic	$51.77	Instock
Tipping the velvet	$53.74	Instock
Soumission	$50.10	Instock
sharp objects	$47.82	Instock
The requiemen Red	$54.23	Instock
The Dirty secrets	$22.65	Instock

Design a proce

Sequence

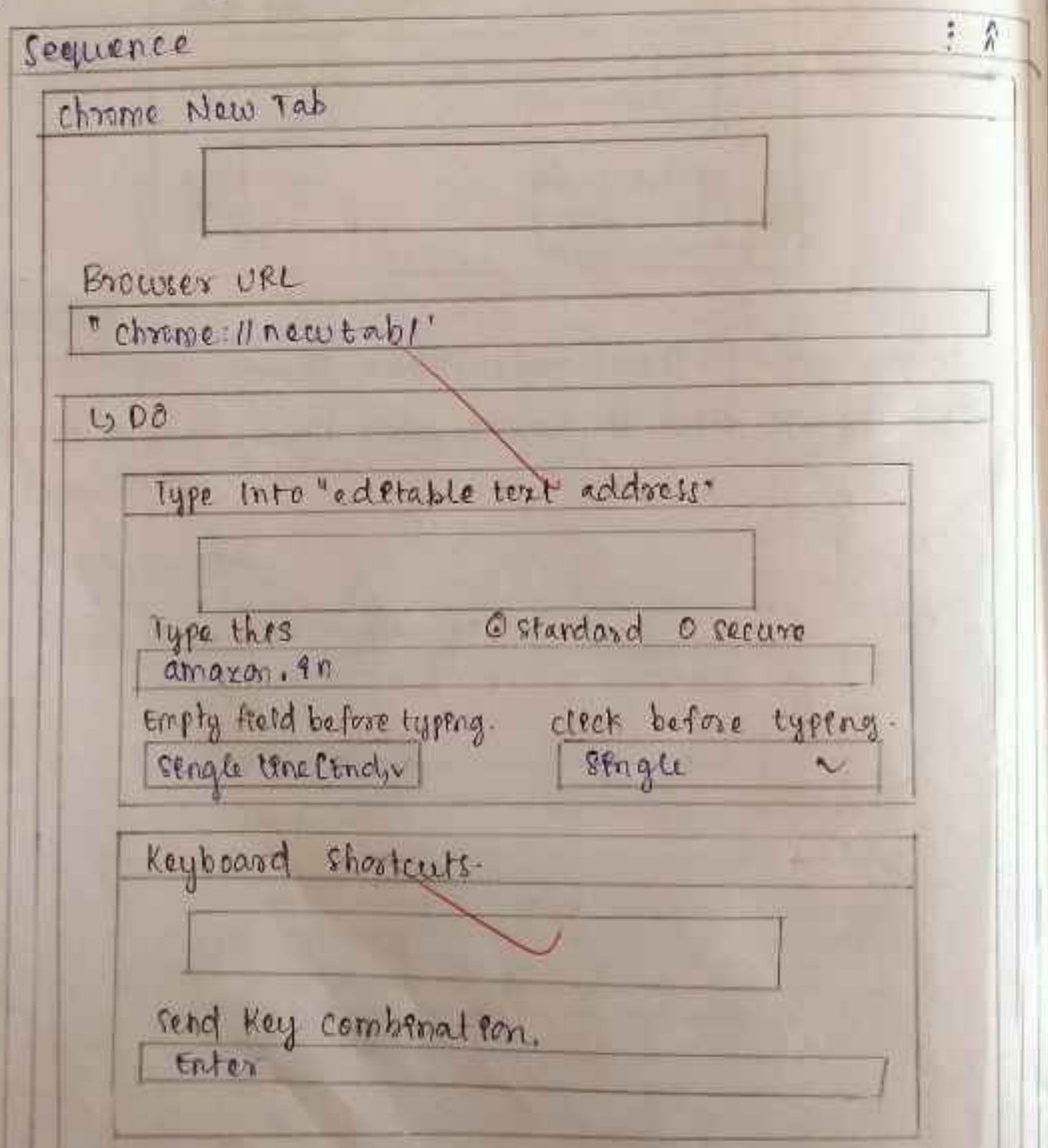
Week-7

Done

Aim: Perform automation for customizing selectors.

Steps:

1. open ulpath studio & create a process.
2. Add a sequence and click on use App/Browser.
3. click on App/web Recorder.



Type Info "INPUT twotabsearch"

Type this.
"mobiles"

Empty field before typing: single line

Click before typing: Single

keyboard shortcut

Send key combination
[Down] [Enter]

Hover "prime"

Prime

Get Text "update location"

Save to
output

Double click "update location"

click type
Double

mouse button
left

Type into "All"

Type this
"perfumes"

Empty field before typing
Single line

click before typing
Single

keyboard shortcuts

Enter

Take screenshot

File name
"screenshot.png"

Highlight 'showing product with f"

create a proce
→ Go to chrome
→ logen with
admen, licens
→ copy the AP
→ Now open u
→ select use
goto chrome
→ click on Ge
chrome. click
in Misc. Prope
→ click on Ge
output → Text
→ In message
created.

Browse

Browcer
"https://u

DO

Week-5

19/03/25

Create a process for image and text automation.

→ Go to chrome and open cloud.uipath.com

→ login with your email, click on 3 dots (...), click on admin, licenses, and then pro trial

→ copy the API key in consumables.

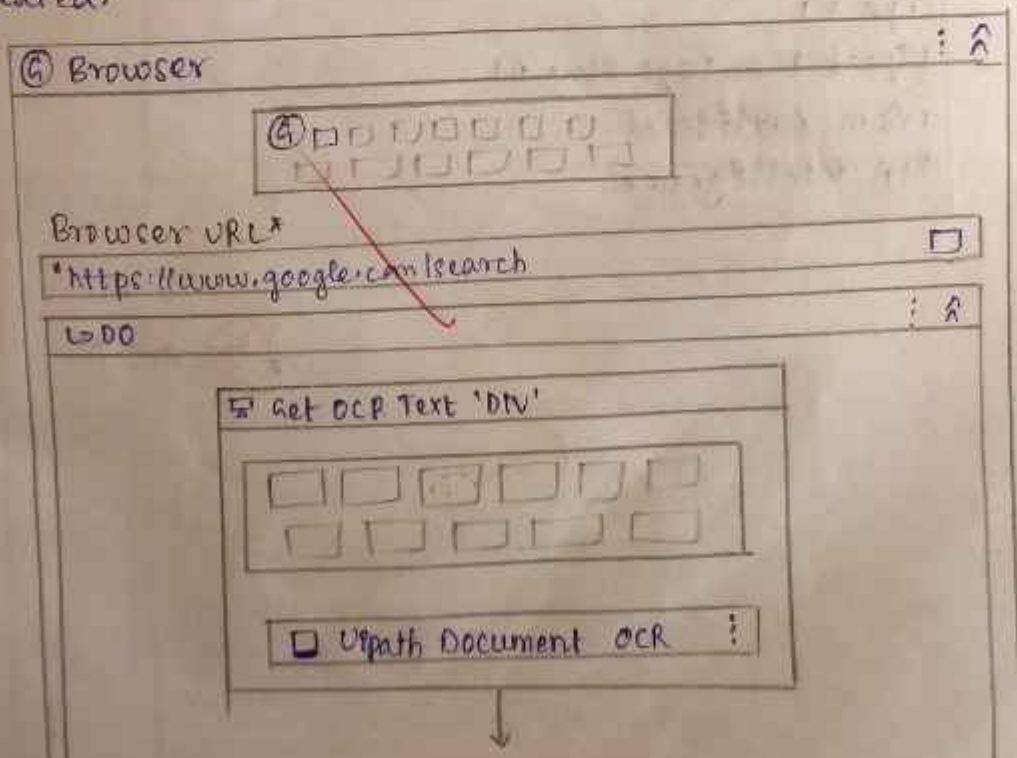
→ Now open uipath studio.

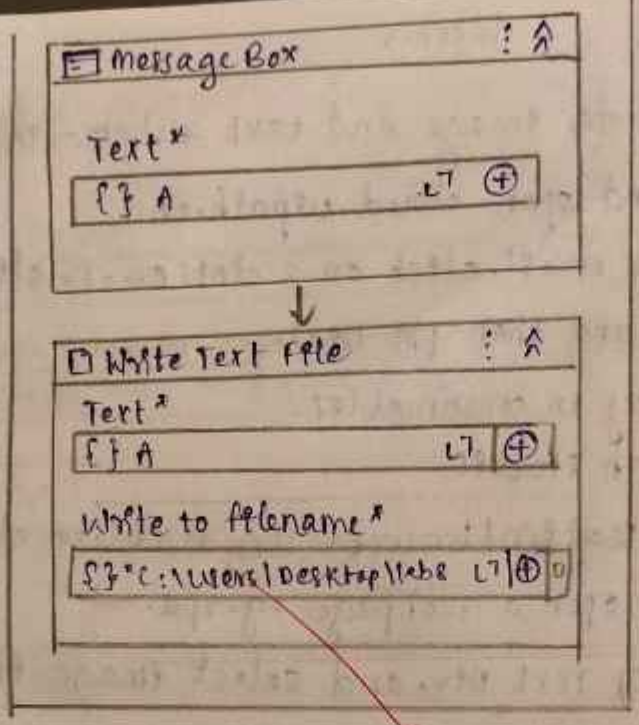
→ select use application/browser then indicate element goto chrome and open a webpage eg. rpa.

→ click on Get OCR Text Div, and select image in chrome. click on uipath Document OCR and set API key in Misc. (properties)

→ click on Get OCR Text box then create a variable in output → Text → in properties.

→ In message Box give variable name which you have created.





Output:

google.com/search?sca_esv=4d1e65157f7172=
1C1CHBD_en-GB-EN1021EN1021&q=rpa&udm=2&
fbs=ABzOT_CWdbQLPIF
Browser Automation You.
rpa xL
Upath Icon Logo Blue AI
Prism Artificial.
RPA Intelligence

15/3/24

Aem: Perfo

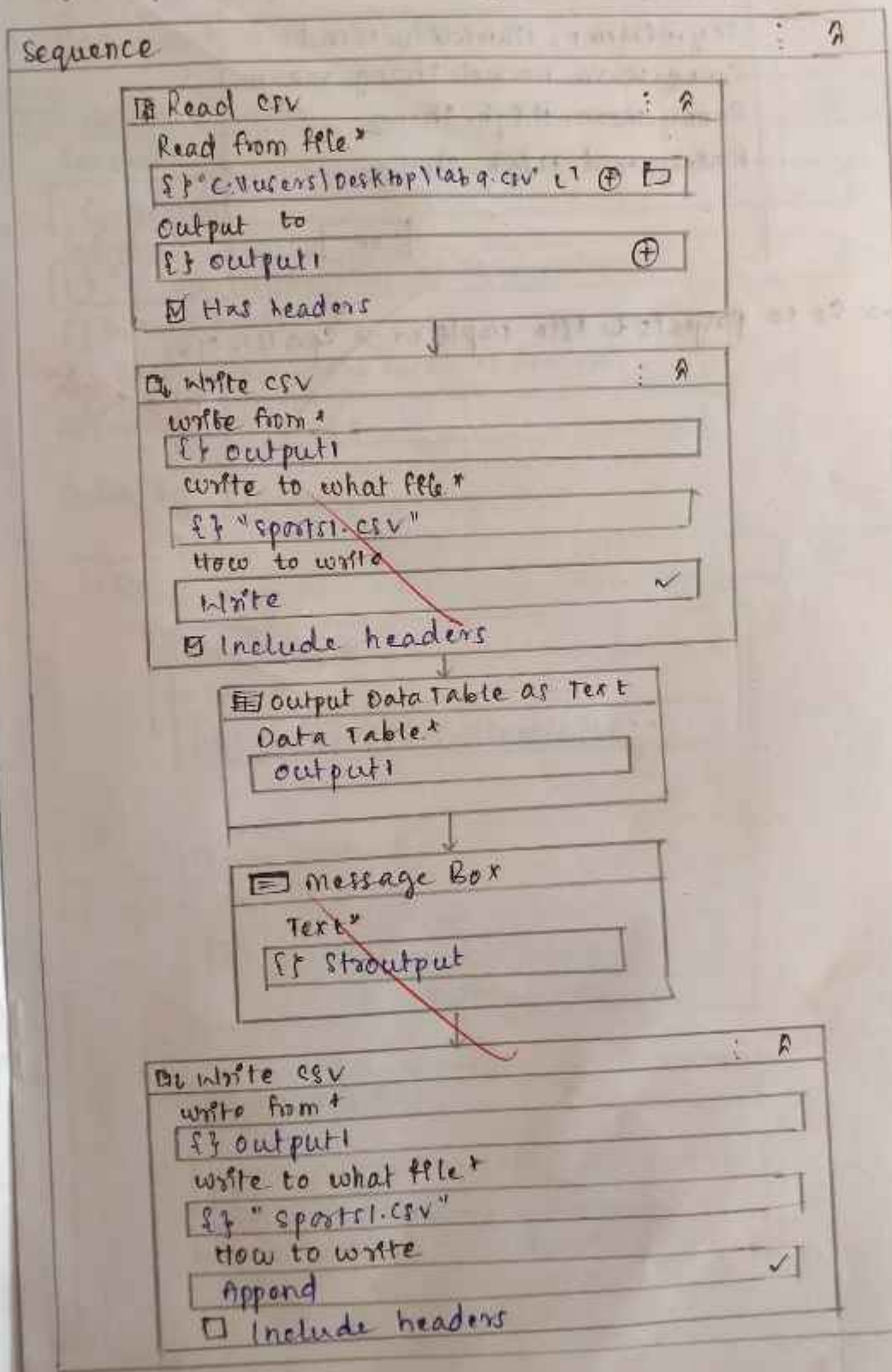
→ open exc
and emai
→ save tha
→ open ulpa

For each
D
{
It
C

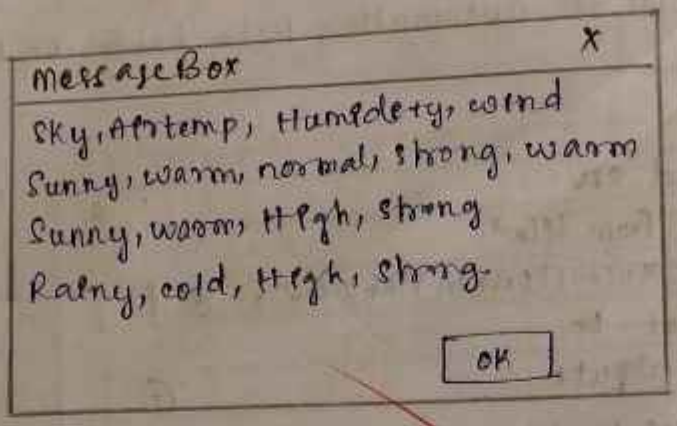
Body

Experiment-9. Dt

Design a process for automating Data tables on Excel.



output:



→ Go to projects → File explorer → Sports1.csv

Aim: Design a
a folder and

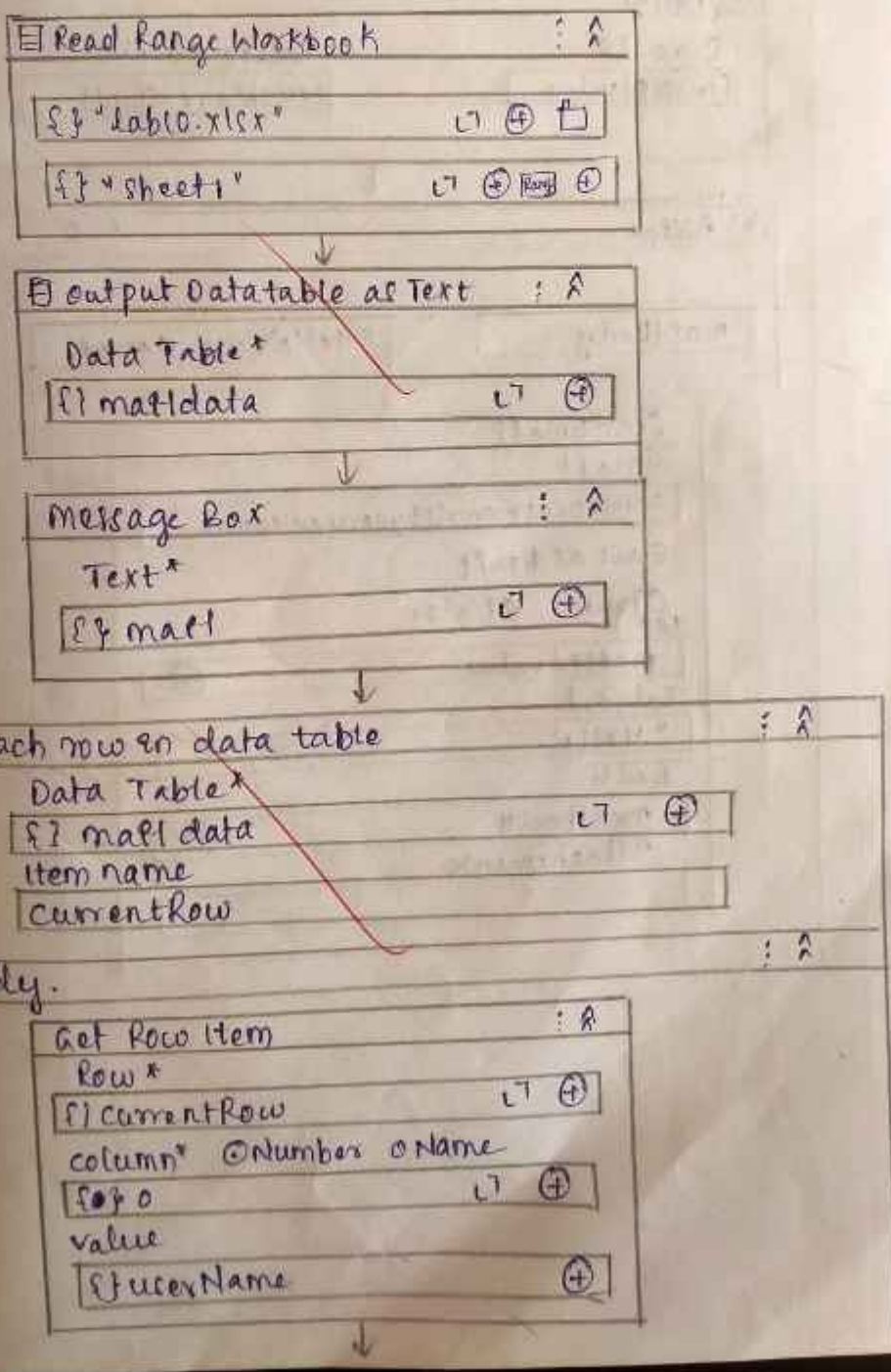
For Each File in F
For Each
Current Fil
In folder *
{} "C:\user\
Include su
Skip fold
Filter by:
Order by:
Do

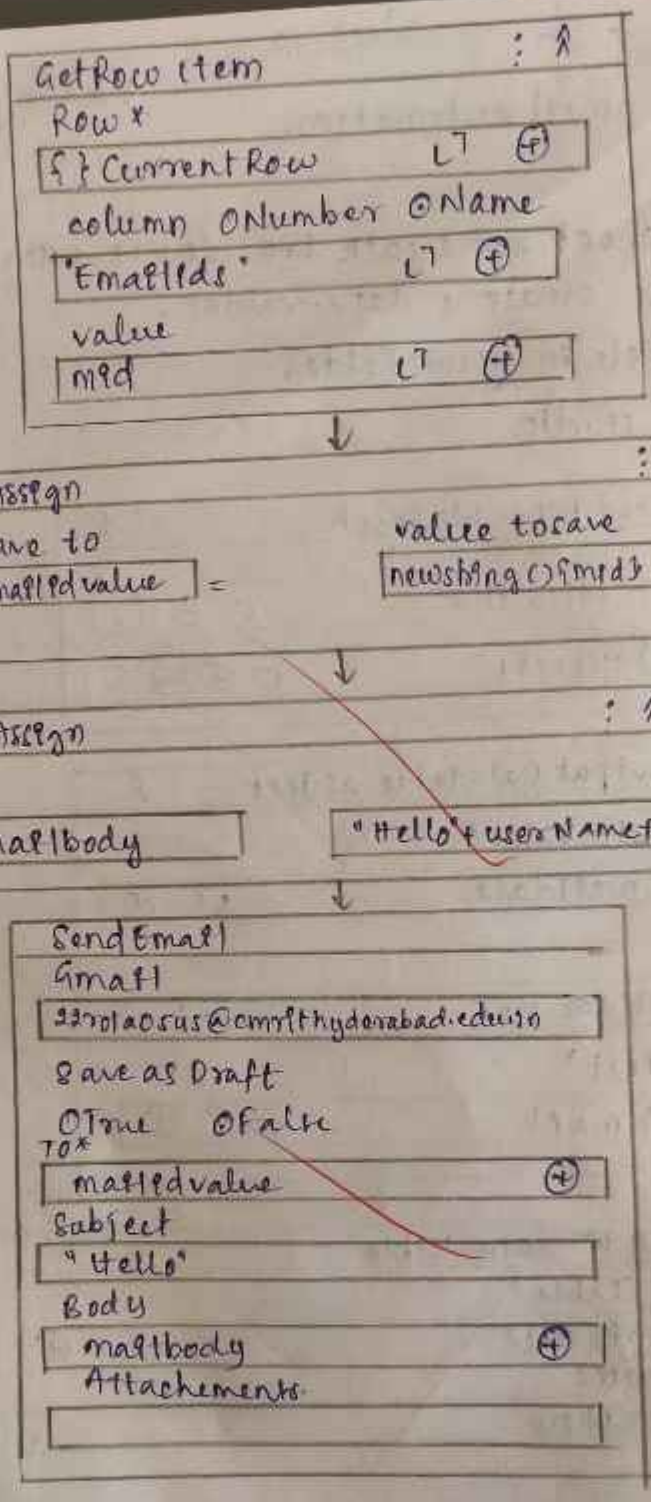
Week-10

Aim: Perform email automation.

Data

→ open excel sheet and create two columns with Name and emailids. create 5 data values.
→ save that file in your folder.
→ open uipath studio.





output:

Name,
Lohith
Lohith
Lohith

Noor

mou

output:

Name, Email ids
Lohitha, padurilohitha146@gmail.com
Lohitha1, padurilohitha@gmail.com
Lohitha2, 22r01a0545@cmrithyderabad.edu.in
Noorein, 22r01a0544@cmrithyderabad.edu.in
mouni, 22r01a0546@cmrithyderabad.edu.in

Ans 26/3/25

Experiment - 11

Date

Aim: Design a process to read all PDF files from a folder and then close them all.

For Each File in Folder

For Each

CurrentFile

In folder *

{} "C:\Users\student\Doc\Path\Exp11"

☐ Include subfolders

☐ Skip folders where access is denied.

Filter by: ".xpdf"

Order by: Name ascending first

↳ Do

Message Box

Text *

{} CurrentFile.FullName

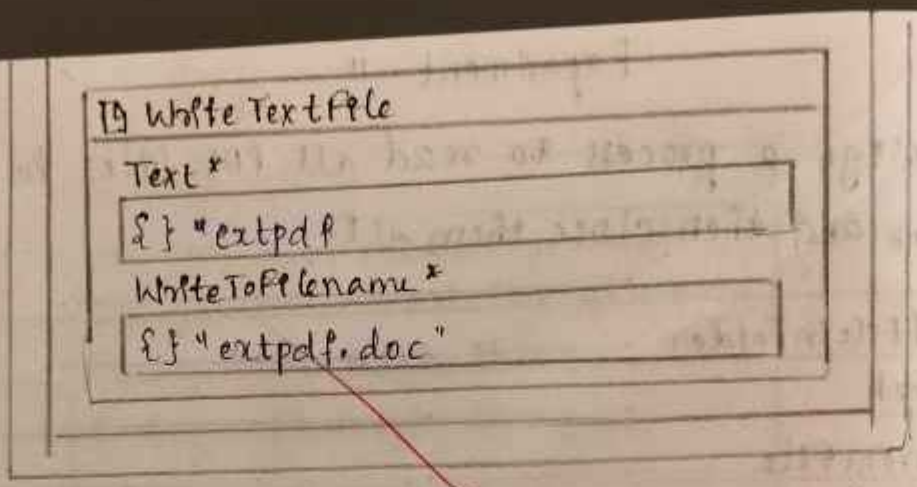
Extract PDF Text

Pdf File *

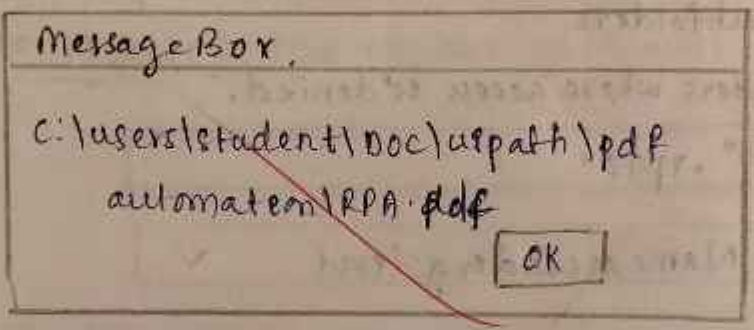
{} LocalResources.FromPath (CurrentFile.FullName)

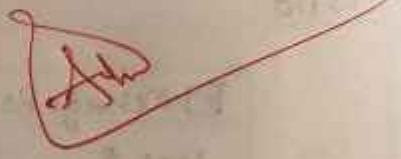
Message Box

{} extpdf


Write Textfile
Text *
{} "extpdf
WriteToFilename *
{} "extpdf.doc"

Output:

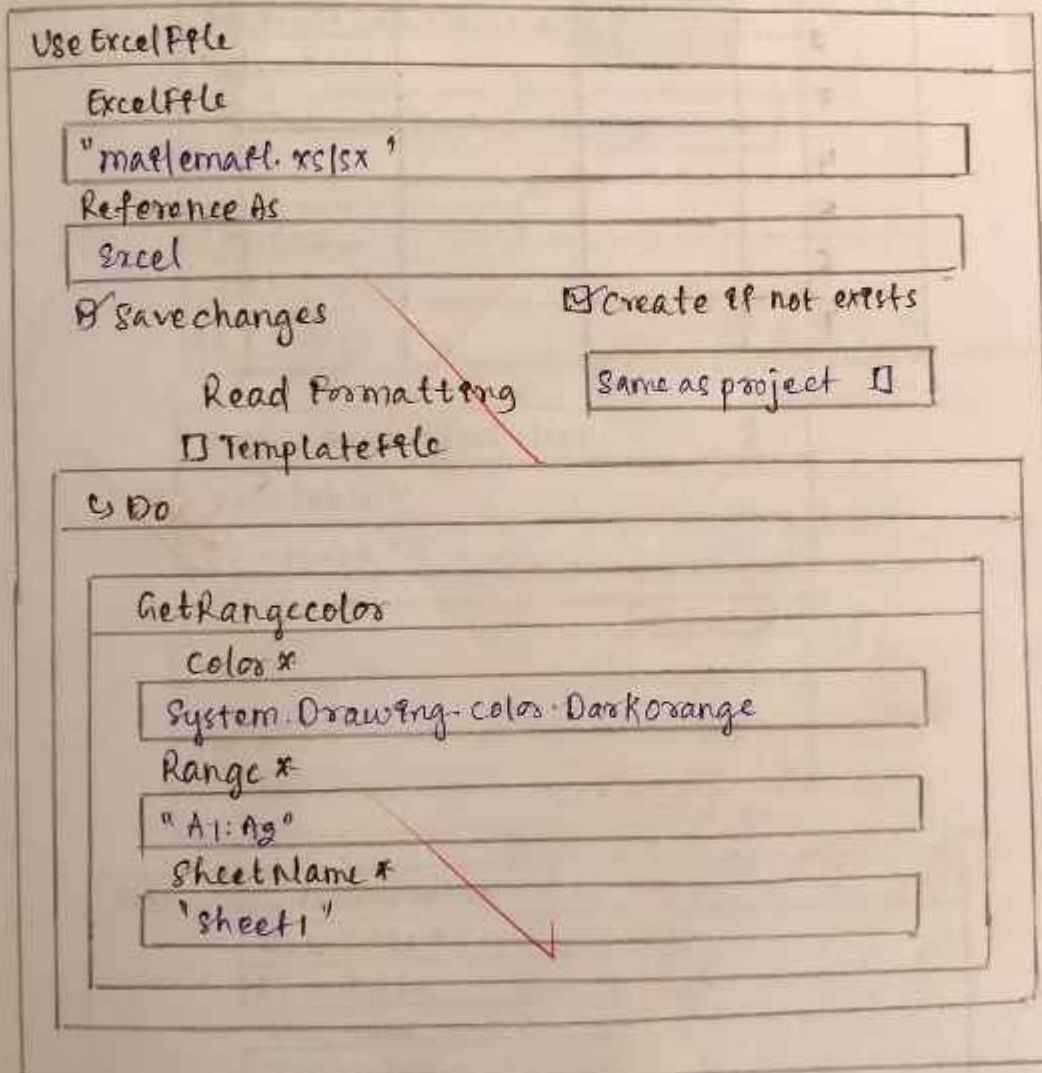

MessageBox
C:\Users\student\Doc\uipath\pdf automate\RPA.pdf
OK



Experiment - 12.

Date:

Aim: Create an automaton to change the background color of excel cellrang.



Output:

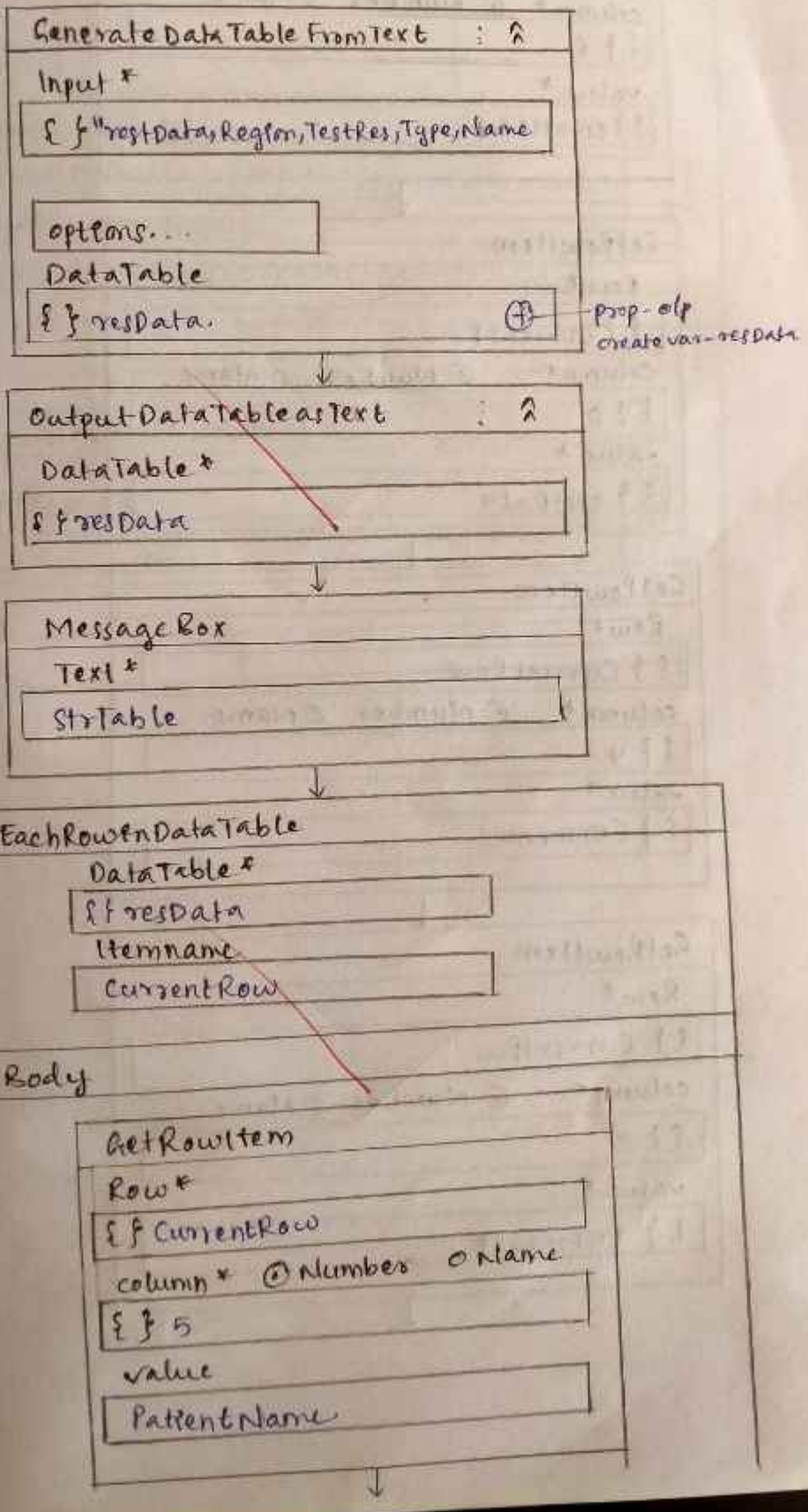
	A	B	C
1			
2			
3			
4			
5			
6			
7			

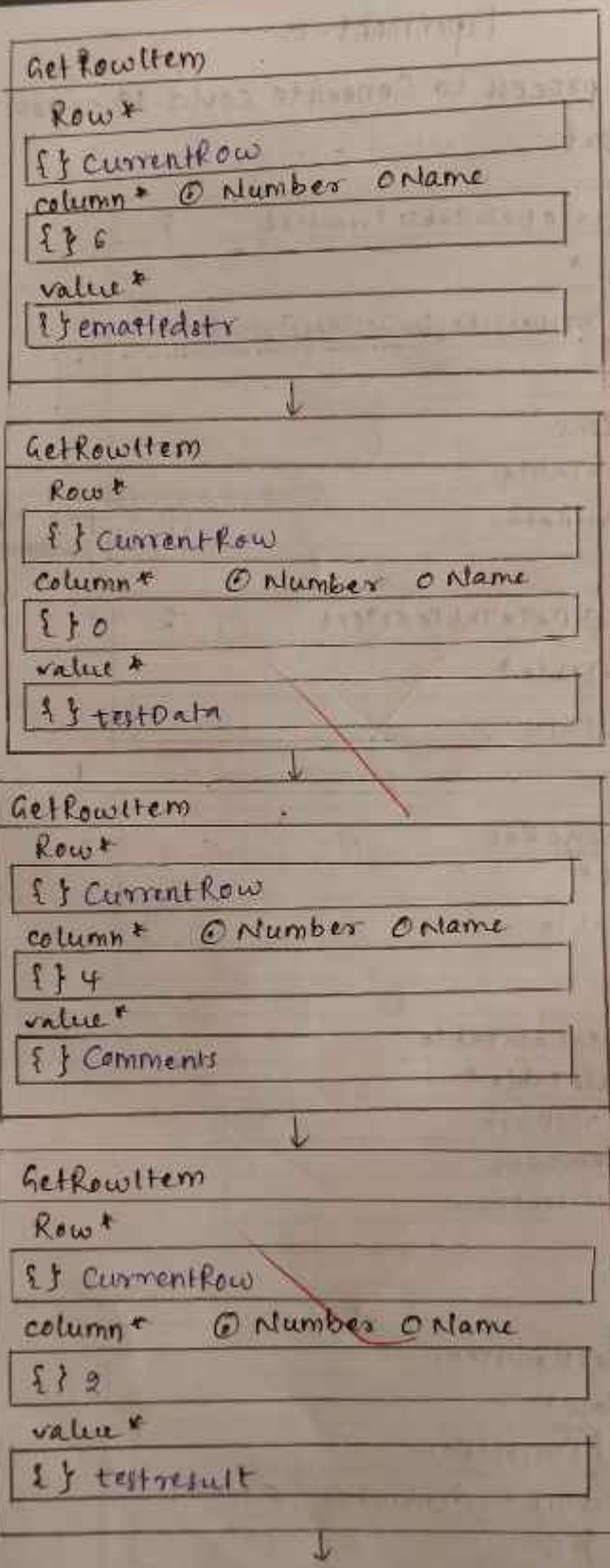
Aim: Design
send this re

Experiment - 13.

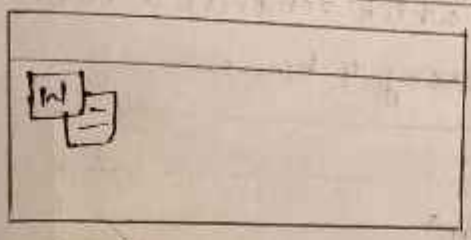
Date :

Aim: Design a process to Generate covid-19 report and send this report




GetRowItem
Row *
{} CurrentRow
column * ◉ Number ○ Name
{} 6
value *
{} emailedstr
GetRowItem
Row *
{} CurrentRow
Column * ◉ Number ○ Name
{} 0
value *
{} testData
GetRowItem
Row *
{} CurrentRow
column * ◉ Number ○ Name
{} 4
value *
{} Comments
GetRowItem
Row *
{} CurrentRow
column * ◉ Number ○ Name
{} 9
value *
{} testresult

new - word(product Activation failed)



Application path *

C:/programFiles/MSoffc/office16/winword.

Application arguments:

C:/users/document/uipath/blankprocess

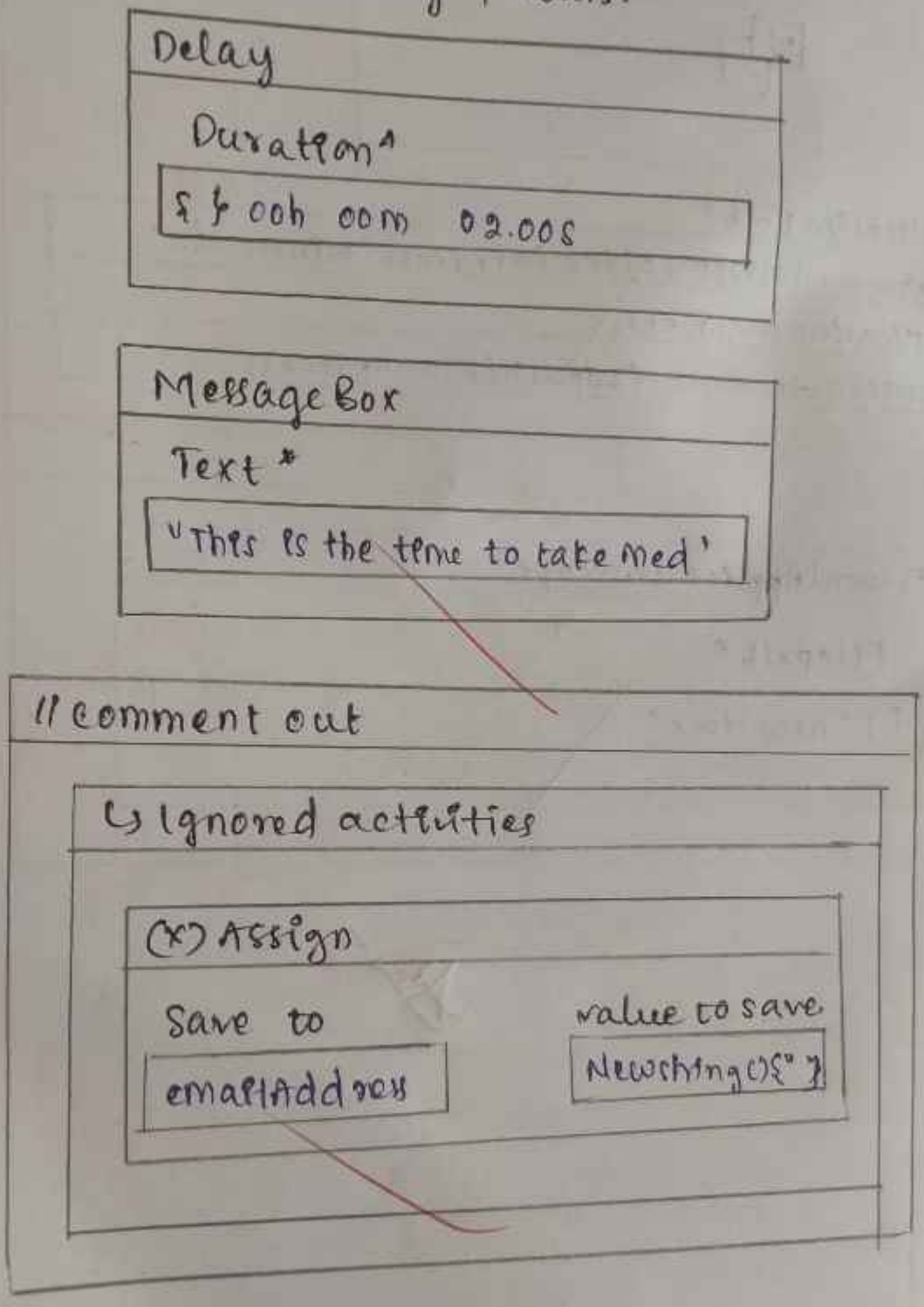
↳ Do

word Application scope

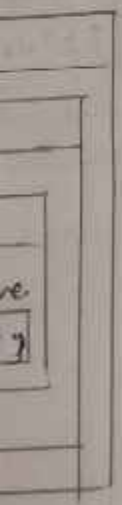
Filepath *

{} " new.docx "

Aim: create a process which remends a user to take his medecene after every 4 hours.



to take



//comment out

Ignored Activities

Send Email

Gmail

Default(222018@rus@cmrithyderabad.edu.in)

Save as draft ○ True ◉ False

To *

email address

Subject

"Notification for taking med"

Body

B I U S ⋮☰ ↩ </> ⊕

This is to inform you to take medicine

Output:

Message Box

This is the time to take medicine

OK