

1704225
24/3/25

Week-6

Aim:- Design a Process for Scrapping : a) Screen Scrapping
b) Data Scrapping

- open chrome and search for wikipedia and click on wikipedia first link.
- Go to Uipath click on prows, create 71-week 6 & in this create a new sequence → name it as "Screen Scrapping".
- click on ⊕ and search for "Use Application / Browser" click on it. Click on "first on" indicate link "it will redirect you to wikipedia".
- Click on screen of the browser. It will show dialog box click on install. Click on OK. Go the Uipath click on "yes" if it show any dialog box. Click on OK. It will get install.
- Go to chrome click on : → extensions → enable Uipath extension.
- click on ⊕ in ID & search for "Type into" Type this = "Robotic Process Automation" + Enter Click on indicate in Browser → ~~http~~ Wikipedia get open select "a" search click on confirm search bar and click on confirm.
- click on ⊕ search for click \leftrightarrow Enter. click on indicate in Browser → select 'a' and confirm.
- Click on ⊕ search for Get Text → Enter. Click on indicate in Browser → select the text ☒ Strict ☐ fuzzy (uncheck the fuzzy) & confirm Save to :- Ctrl+K : Text → Enter
- Click on ⊕ Write Text File. → Text → Text. Write to filename → 13 "RPA.doc" → Enter
- Run the file sequence. A file will get created.

Data Scrapping

- create a new
- click on ⊕ Enter.
- Go to the
- Go to Uipath automate
- Select no click on
- In no click Data → the name confirm multiple
- Click on Extract
- Click on Rename first → click on Ctrl+K
- click on 13 "ba
13 "Sh
13 "Ext
- Run the
- Run the
- Output → Book Title
- 1. Interview
- 2. How music
- 3. Fool Proof
- 4. Chase Me
- 5. Black Box

Data Scrapping

→ create a new sequence → DataScrapping.
→ click on ⊕ search for Use Application | Browser → Enter.

→ Go to Chrome search for books.to scrape.com
→ Go to Vipath click on "indicate application to automate".

→ Select name It will redirect you to bookspage click on screen.

→ In so click on ⊕ → search for Extract Table Data → click on indicate in chrome → select the names → select "Extract text" → click Confirm → on it enable to Extract data from multiple pages.

→ Click on price → Confirm → select data to Extract.

→ Click on "In stock" → Confirm → Save & Close
Rename all the three columns
first → Book Title, second → Price, third → Stock
click on Save & Close. Click on Extract. →
Ctrl + K : Ext-Data

→ click on ⊕ → Write Range Workbook.

File "book.xls"

Sheet1

Ext-Data

→ Run the 'click on Write Range Workbook → properties
checkbox Tick the "Add headers".
→ Run the DataScrapping Sequence.

Output →

	Book Title	Price	Stock
1	In the Wake	£12.84	In Stock
2	How Music	£37.32	In Stock
3	Foot Proof	£30.52	In Stock
4	Chase Me	£25.29	In Stock
5	Black Dust	£34.53	In Stock

- | | | |
|------------------------|----------|----------|
| 6. Birdsong | \$ 54.64 | In stock |
| 7. America's | \$ 22.50 | In stock |
| 8. Worlds
Elsewhere | \$ 40.00 | In stock |

Output of Screen Scapping :-

RPA.doc x

In traditional workflow automation tools, a software developer produces a list of actions to automate a task and interface to the back end system using internal.

Qx
21/04/25

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Week-

Aim:- Perform automatic

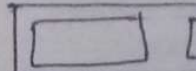
6 Use Browser Chrome

Browser URL*

33 "https://www.google.com/"

L2D0

Right-click

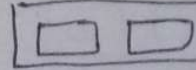


click type

Single v

Ⓢ Indicate View

Double-click



click type

Double v

Ⓢ Indicate View

Take Screenshot

Output to: Ⓢ

filename*

33 "screenshot"

Auto increment

None (overwrite)

highlight

Duration

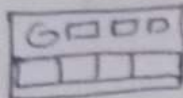
33

24/7/25

Week-7

Aim:- Perform automation for customizing selectors.

6 Use Browser Chrome: What is spa - Google Search: 2



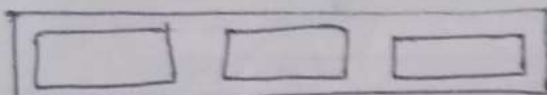
Browser URL*

{ } "https://www.google.com/search?q=spa+Google+Search: 25 0 +"

L>D0

: 2

Right-Click "IT Convergence" : 2



click type

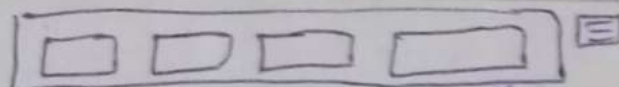
mouse button

Single ✓

Right ✓

② Indicate Verification target on screen

Double-Click "DIV" : 2



click type

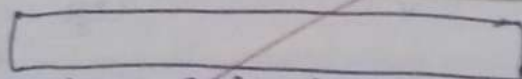
mouse button

Double ✓

Left ✓

② Indicate verification target

Take Screenshot 'DIV' : 2

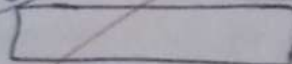
Output to: ② File ② Image ② Clipboard
filename*

{ } "screenshot.png" 21 ② 1

Auto increment

None (Overwrite) ✓

Highlight 'Side' : 2



Duration

{ }

↓ ②

Click Images

All Images Videos
click type: single ✓
mouse button: left ✓



Hover Videos

Images
Duration: 131 ↕ ⊕



Double Click

All Images Videos
click type: single ✓
mouse button: left ✓



Click 'what is rpa'

what is rpa
click type: single ✓
mouse button: left ✓



Click 'pane'

What is rpa
click type: single ✓
mouse button: left ✓

Aim: 0

steps:-

① Open L
→ Sel

② In DO
↳

→ Click on 'Pate'
In property
In text -
Click on Create
Add one me
click on Del

Click Images

All Images Videos
 click type single ✓ mouse button left ✓



Hover Videos

Images
 Duration {3} ✓⊕



Double Click

All Images Videos
 click type single ✓ mouse button left ✓



Click 'What is rpa'

click type single ✓ mouse button left ✓



Click 'pane'

What is rpa
 click type single ✓ mouse button left ✓

Aim: Create a process

Steps:-

① Open use application / E
 → Select chrome bro

② In DO → select Get OC
 → Select images t

③ Chrome & pa -

Browser URL *

{3} 'https://www.ga

→ DO

Get OCR T

UI Path K

message Bo

Text *

{3}img

→ Click on 'Path Document'

In properties in mis

In text --type --img

Click on Get OCR Text 'Div

Add one message Box →

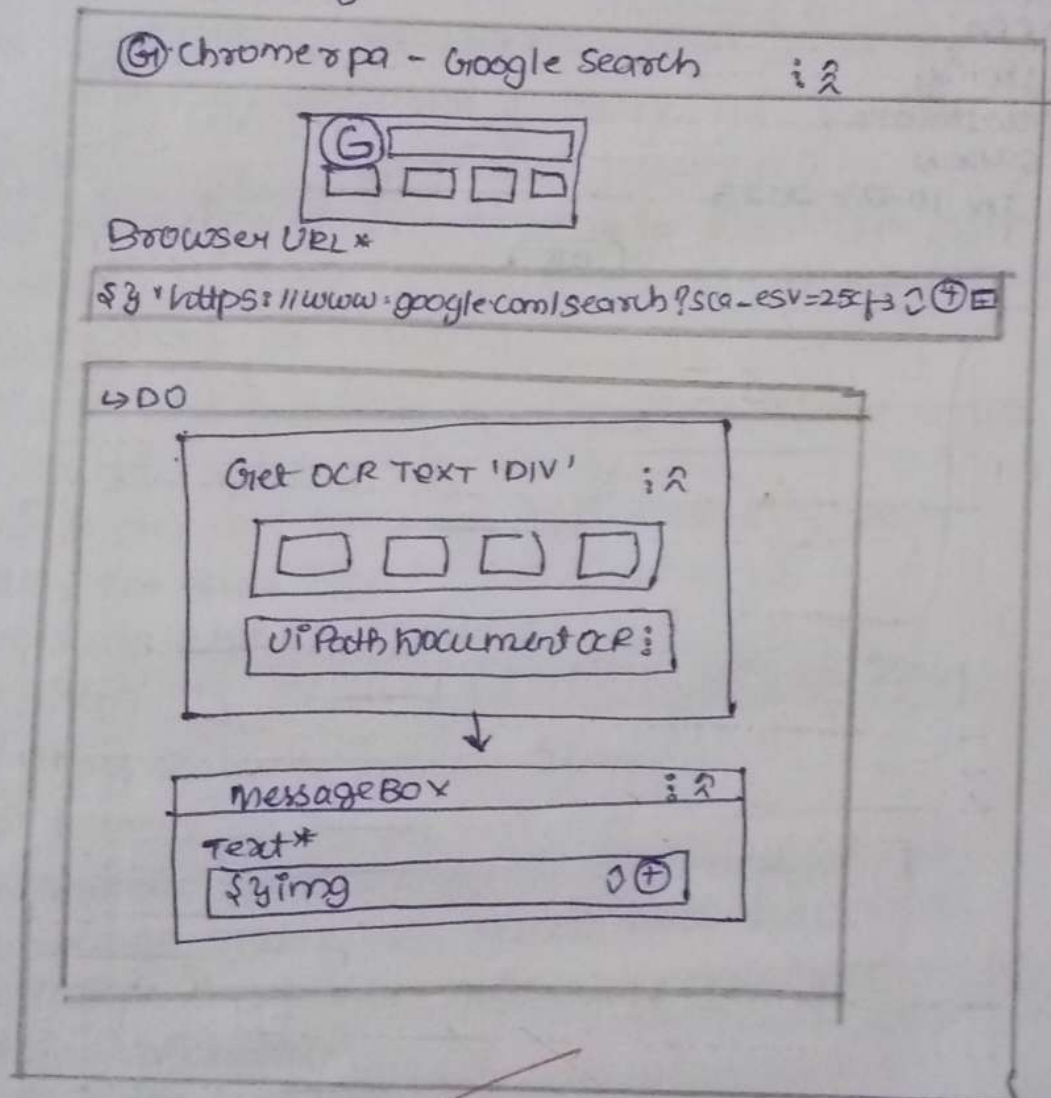
click on Debug.

Week - 8

Aim: Create a process for image and text automation

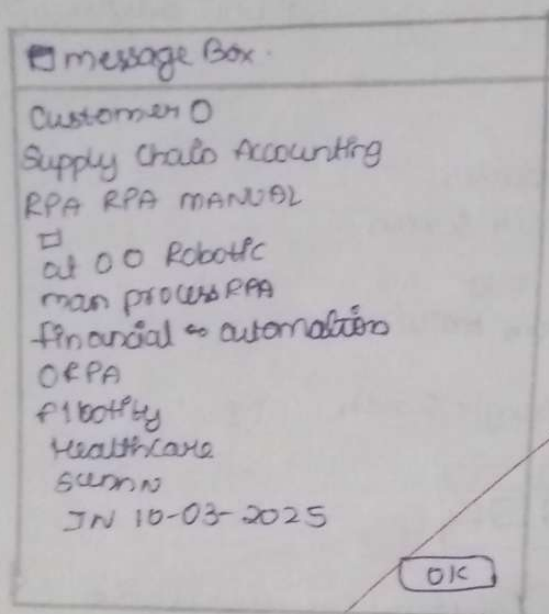
Steps:-

- ① Open use application / Browser
→ Select chrome browser screen.
- ② In DO → select Get OCR Text
→ Select images from browser



- Click on UI Path Document OCR
 - In properties in misc → add apiKey
 - In text - type - img
 - click on Get OCR Text 'DIV' → Properties - output - Text - img
 - Add one message box → In text type - img
 - click on Debug.
- On the right side, there are additional notes:
- On ui-path.com → admin
 - User
 - Start Trial version
 - click on [consuming](#)

Output:-



Aim: Perform email

Steps:

- 1) Create one excel sheet
- 2) Enter Credentials
- 3) Save the Excel sheet in studio.
- 4) Open UiPath studio
Take Read Range W
and create any variable
DataTable.
- 5) Next take Output Data
Create any variable →
Variable name as "m"
- 6) Click on the properties
as "Sheet" default it
- 7) Create a message box
- 8) Create For Each Row
→ Give DataTable as m
→ In Item by default
- 9) In Body → take Get
Give column as 0, s
Take another GetRow
Give column name
• Take assign → set Var
and in Value given
New String() & mids
• Take Send Email → set
Value, in subject we
given some descriptions
Click on connect → logi
and after select first
Then it shows connect
• Click on Read Range W
give output as "d"

Week 10

Aim: Perform email automation

Steps:

- 1) Create one excel sheet contain Name and EmailId.
- 2) Enter Credentials upto 5 records.
- 3) Save the Excel sheet in the folder created in UiPath studio.
- 4) Open UiPath studio Create sequence.
Take Read Range Workbook, upload the excel sheet and create any Variable → Change the Variable type to DataTable.
(maildata)
- 5) Next take Output DataTable → in DataTable give the (Create any variable → change the variable). created.
Variable name as "maildata".
- 6) Click on the properties of output DataTable create Output as "Sheet" default it is String.
- 7) Create a message box in that assign "Shut".
- 8) Create For Each Row in DataTable.
→ Give DataTable as maildata.
→ In Item by default it shows current Row
- 9) In Body → take GetRow Item
Give column as 0, set Var: username
Take another GetRow Item → select name
Give column name as "Email", set Var: mid.
Take assign → set Var: midvalue, datatype → (Array of <T>String)
and in Value given
New String() & mid
- 10) Take Send Email → set draft to false → in To give mid value, in subject write any description in body also given same descriptions
Click on connect → login your email with credentials and after select first two boxes.
Then it shows connected successfully.
- 11) Click on Read Range Workbook properties set input and give output as "dt"
- 12) Click on Output DataTables Properties set Output as 'dt'

- Debug the file
- then the emails were sent to the given details

Read Range Workbook

{y "Week10.xlsx" L7 ⊕ □

{y "Sheet1" L7 ⊕ Rang ⊕

↓

Output DataTable

Data Table *

{y maildata ↗ ⊕

↓

Message Box

Text *

{y sheet ↗ ⊕

↓

for Each Row in DataTable

DataTable *

{y maildata ↗ ⊕

Item

CurrentRow

⇒ Body

Get Row Item

Row *

{y CurrentRow ↗ ⊕

Column * ☐ Number ☐ Name

{y 0 ↗ ⊕

Value

{y Username ↗ ⊕

Get Row Item

Row *

{y CurrentRow ↗ ⊕

Column * ☐ Number ☐ Name

{y "Email" ↗ ⊕

Value

{y midb

↓

Assign

Save to

{y midvalue ↗ ⊕ = {y

↓

Send Email

Default Outlook

Save as draft

☐ True ☒ False

To *

{y midvalue

Subject

{y "This is a test"

Body

"hello"

Attachments(s)

{y

Out
Gmail

Value
{y mids

⌵⊕



Assign

Save to

value to save

{ymidvalue ⌵⊕

=

{yNew String() mids⌵⊕

Array of <T>
String



Send Email

Default C2701A05H1@cmrithydebad.v@

Save as draft



True



False



To*

{ymidvalue

⌵⊕

subject

{y"this is rpa lab"

⌵⊕

Body

"hello"

Attachments(s)

{y

⌵⊕

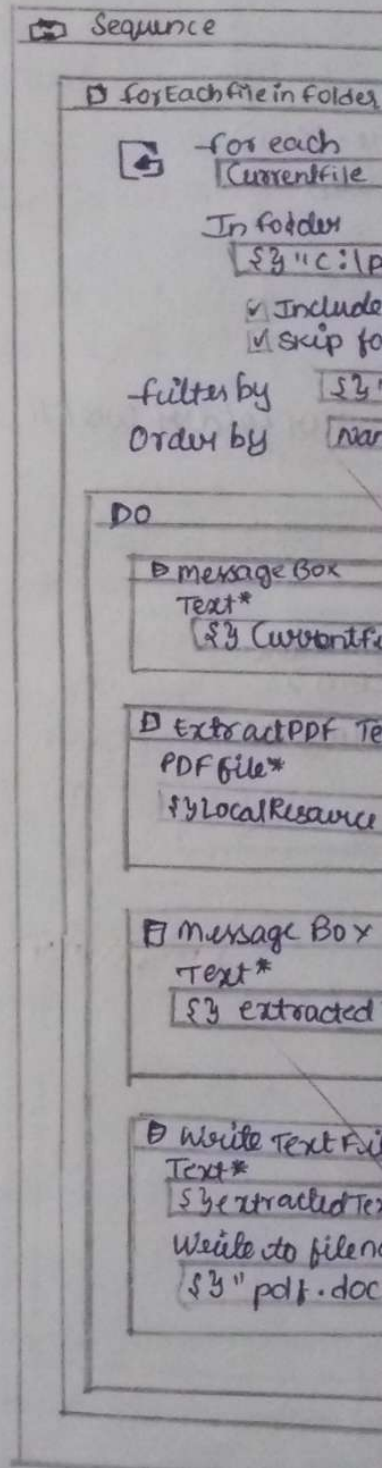
Out
8/4/25

24/4/25

Week-11

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

- create a folder in desktop and copy & paste some pdf files into the desktop folder.
- Cut the folder from desktop & paste in any of the drive.
- Then go to the VPath studio create a new sequence.
- Then go to search → For each file in folder → In that → In folder give the path. Tick the two boxes. In Filter by Type ".pdf".
- Then go to search → DO → message Box → Type → Current file.FullName.
- Then Extract PDF Text → pdf file* → LocalResource.FromPath (currentfile.FullName)
- Then go to message Box → extracted Text
- So Before that In extracted PDF Text → G10 Properties → output → extractedText.
- search for WriteText file → In that Text* → extracted Text, In write to filename → give ".pdf.doc"
- Run the sequence.



Sequence

ForEachFileInFolder

for each
CurrentFile

In folder

\$? "c:\pdfautomation"

☒ Include subfolders

☒ Skip folders where access is denied

filter by

\$? "*.pdf"

Order by

Name ascending first

DO

message box

Text*

\$? CurrentFile.FullName

Extract PDF Text

PDF file*

\$? LocalResource.FromPath(CurrentFile.FullName)

message box

Text*

\$? extractedText

Write Text File

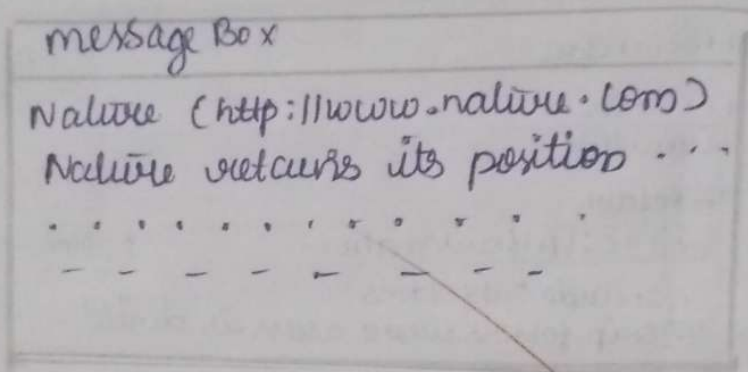
Text*

\$? extractedText

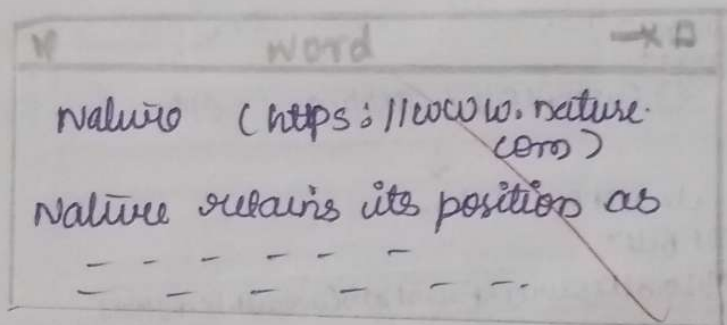
Write to filename*

\$? "pdf.doc"

Output:-



Go to Documents → Uipath → your folder week11 → pdf → Open

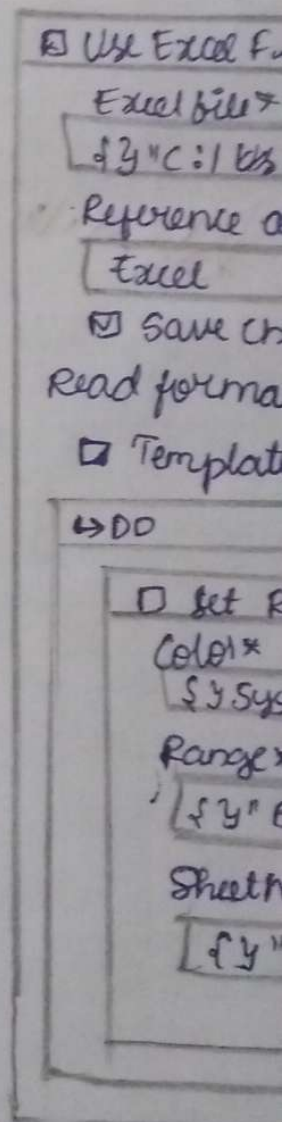


~~Am 21/4/21~~

21/3/25

Aim:- Create an ground color of

- Go to Desktop
- then go to New
- In Excel file
DO → set Range
you will disp



Output:- are
you have ge

Aim:- Design a process to Generate COVID-19 report and send this report to the required recipient.

Procedure:-

- Create a Excel file & create few columns & create a Report & save it in desktop. After that cut save it in the Bin Documents → Uipath → In ui created sequence process.
- Create a empty word file & Save it in the same place.
- Go to Uipath. Click on ⊕ Search for Read Range Workbook. In that Browser for the Covid-19 Report -XLSX. Keep the "Sheet1" as it is.
- Search for Output DataTable as Text. In DataTable create a Variable Ctrl+K: medicalReportData.
- Search for message Box → In Text → StrouputText
- Search for "for Each Row in DataTable" In DataTable → Keep medicalReportData. In Item name → CurrentRow
- In Body, click on ⊕ Search for Get Row Item In Row → CurrentRow, Column → get the numbers 0, In value ~~Test~~ Ctrl+K: TestDate. In the same way Repeat the get Row Item for 1, to 6 & Create Variables in each Row like Region, Testresult, Testtype, comments, Name, EmailId.
- Search for Use application/Browser, click on indicate before that Open the empty word file which you have create. Click on indicate Click on Screen.
- In DO ⊕ → Search for Word Application Scope Browse the docx. In Word Application Scope → DO → ⊕ → Search for Assign → In Save to → give the Text has to be typed variable by Ctrl+K

In value to save → copy the content & paste here which is ^{was} given.

- Search for Append Text → give the Text as Text has to be typed.

- Search for Save Document as PDF → Create a Covid-19.pdf & save it in the Vipath Document Browse the Covid-19.pdf.

- Search for assign → create Variable-email
In value to → New String() { "422r0190531@cmrit
hyderabad.edu.in" }

- Search for Send Email → click on ☒ Select your email id.

- In Save as draft → select ☐ false

- In To → email

- In Subject → "Covid-19 Test Report" as text

- In Body → "Please find the attachment as a text"

- In Attachments → click on ☒ first option then click on ☒ → upload the pdf file.

- Run the sequence. We get the message Box & Next email is sent to mailid with the attached pdf.

Handwritten signature
28/4/20

28/4/25

Week-14

Aim :- Create a Process which reminds a user to take his medicine after every 4 Hr

Procedure :-

Delay	:	:
Duration	:	:
00h 00m 10.000s	:	10

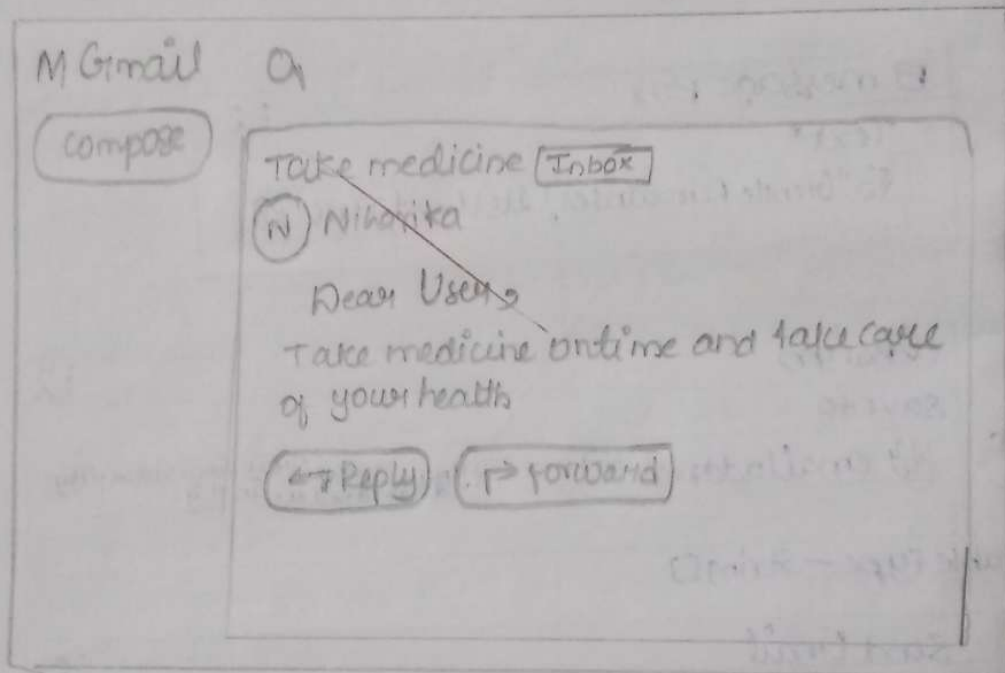
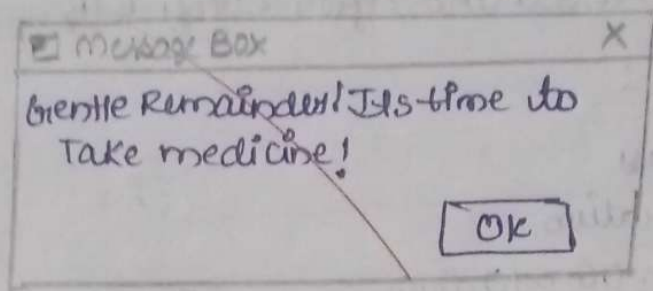
message Box	:	:
Text*	:	:
{3} "Gentle Reminders! its time to take" @		

Decision	:	:
Save to	:	:
{3} emailaddress @	=	{4} new string() {12} 20140531@unrithydrabad.edu.in "y"

variable type - String[]

Send Email	:	:
Gmail	:	:
Default (20140531@unrithydrabad.edu.in #2)	:	:
save as draft	:	:
<input type="radio"/> True <input checked="" type="radio"/> false	:	:
TO *	:	:
{3} emailaddress	:	:
Subject	:	:
{3} "Take medicine"	:	:
B	:	:
Dear User, Take medicine on time and take care of your health	:	:
Attachments(s)	:	:
{3}	:	:

Output :-



Handwritten signature/initials

articular

Aim :- Design a pr
and send this re

Procedure :-

- create a Excel f
a Report & save
save it in the
created sequen
- create a empty
same place.
- Go to Uipath
WorkBook - In
Report - XLSX
- Search for O
create a vari
- Search for me
- Search for 'f
In Data Table
In Item nam
- In Body, Cl
In Row → W
numbers 0 &
In the same v
1, to 6 & C
Use Region,
Name, Email
- Search for U
indicate bef
file which go
Click on Sou
- In DO ⊕ →
Browse the d
In Word App
for Assign
typed vari

21/01/25

Week-12

Aim:- Create an automation to change the background color of excel cell range in vba.

- Go to Desktop create an folder → copy any excel file
- then go to new file → use Excel file.
- In Excel file "give path name". → Then go to DO → set Range color → give color → Range then you will display output in xml.

Week 11 →

☒ Use Excel File

Excel file*

Reference as

☒ Save changes

☒ Create if not exists

Read formatting

☒ Template file

☒ DO

☒ Set Range color

Color*

Range*

Sheet Name*

Output:- we it display/highlights in the color which you have given.

Output:-

	A	B	C	D
1	Nika	<u>III</u>	1	90
2	Havik	<u>III</u>	2	90
3	Dev	<u>III</u>	3	90
4	Yee	<u>III</u>	4	90

~~21/4/25~~

28/4/25
Aim:- Create a
talce his med

Procedure:-

Delay
owadion
00h 00m

message
Text*
{3" Gentle R

Division
Save to
{3 emailed

Ctrl+E

variable type - String

Send Email
Gmail
Default (27)
save as dr
True
TO *
{3 emailed
Subject
{3" Take
B
Dear Usy
talce meo
your tec
Attachme