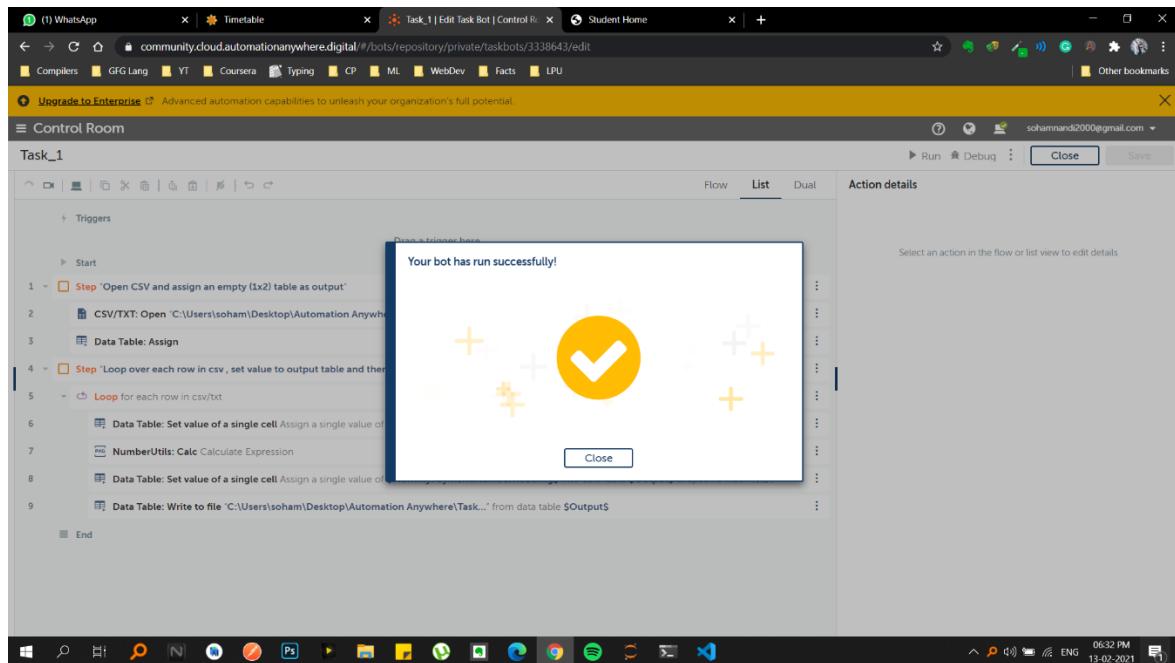


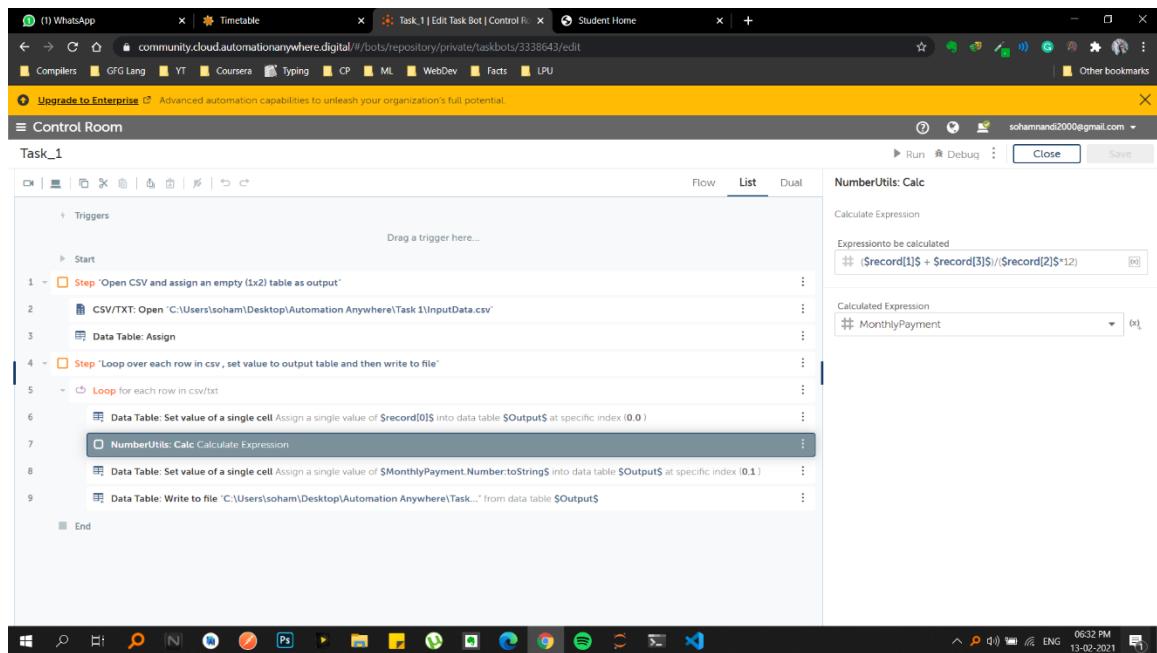
RPA CA 1

Soham Nandi | 11806959 | 26

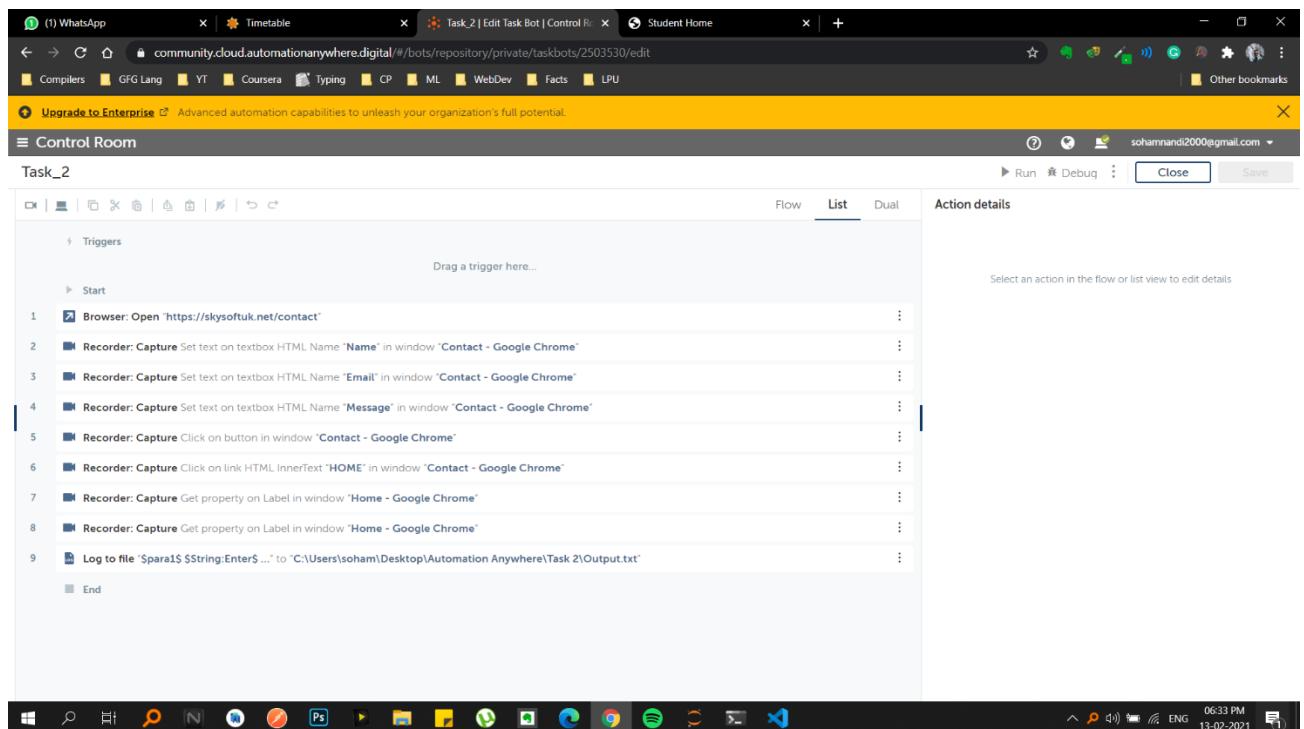
GitHub Link: https://github.com/soham-nandi77/RPA_Ca1
(in case Screenshot are not visible)

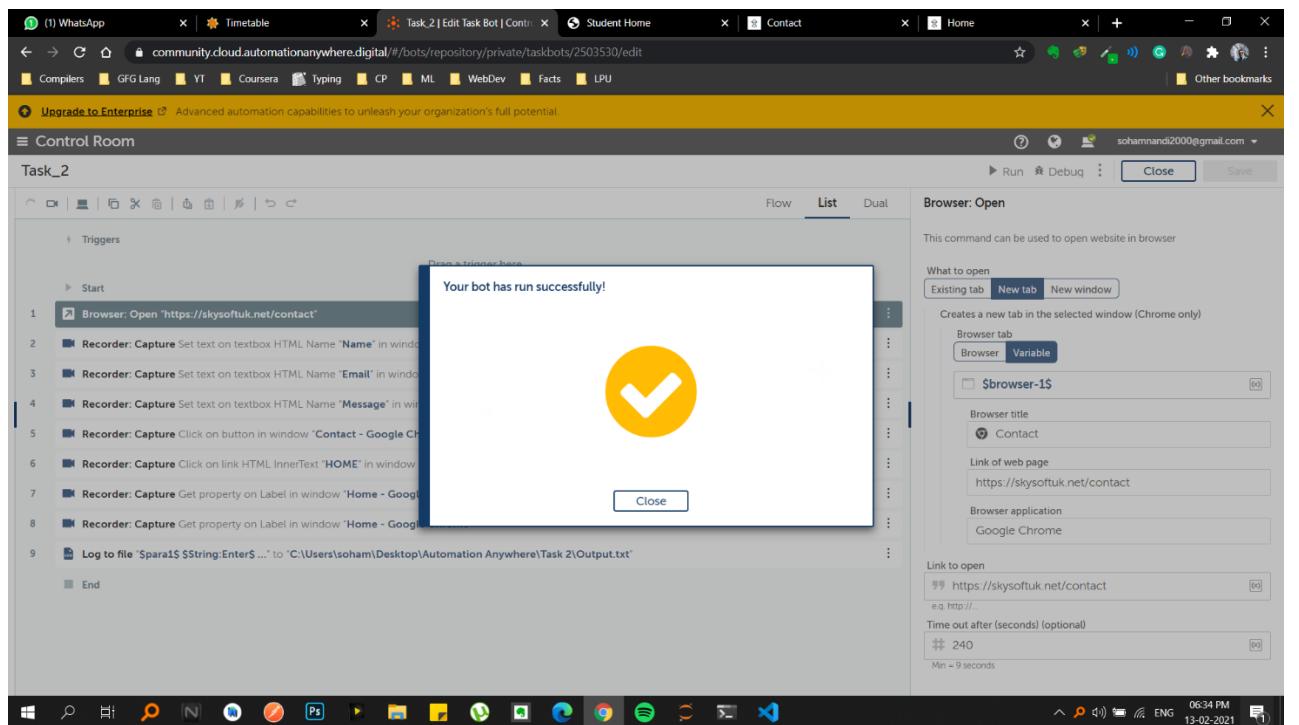
Task 1: Payable amount automation



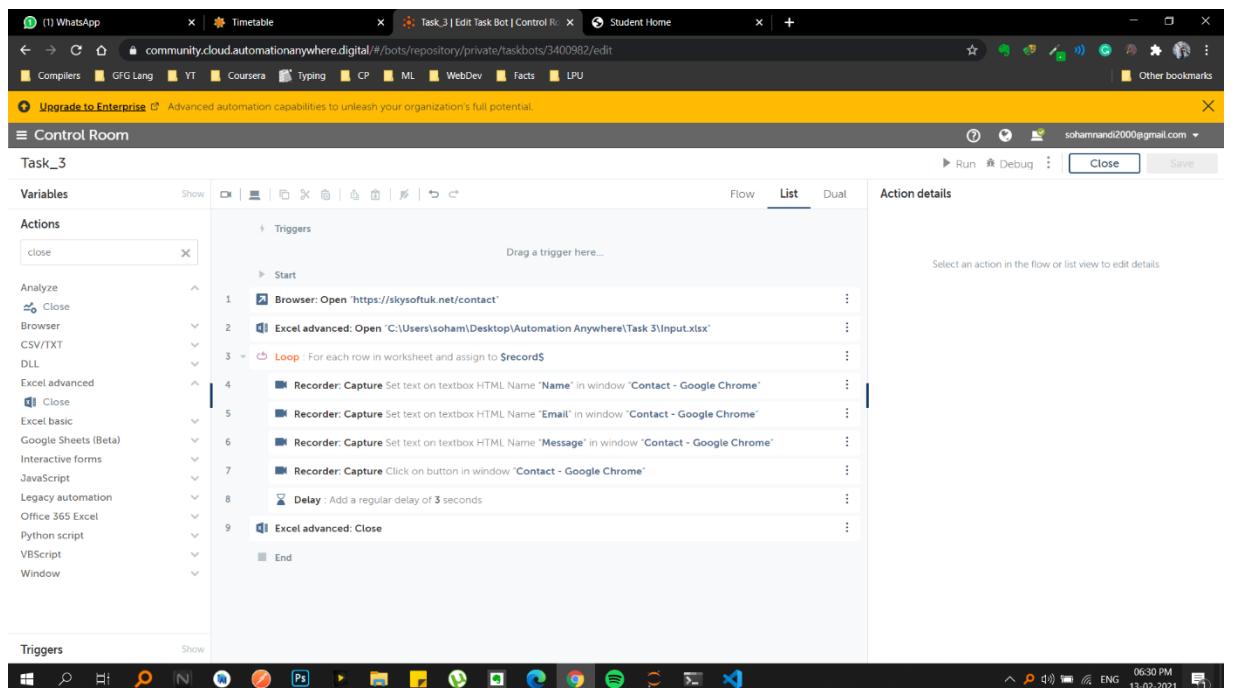


Task 2: Web Automation.





Task 3: For multiple data entry



Task 4: String Operation.

The screenshot shows the Automation Anywhere Task Editor interface. The main workspace displays a workflow titled "Task_4". The steps are as follows:

- Step "Opening - Input and Output File"
- CSV/TXT: Open 'C:\Users\soham\Desktop\Automation Anywhere\Task 4\input.txt'
- CSV/TXT: Read data and assign to \$names\$
- Excel advanced: Open 'C:\Users\soham\Desktop\Automation Anywhere\Task 4\output.xlsx'
- Excel advanced: Go to cell : Go to the Specific cell "A2"
- Comment "Looping Over the Rows in the Table (Here ie, 1)"
- Loop For each row in table
- Comment "Looping over each value in the record and Storing it into Users variable"
- Loop
- Comment "Splitting Users into a List (UserName) and Calculating List Size"
- String: Split \$Users\$ with delimiter "" and assign the result to \$UserName\$
- List: Size of \$UserName\$
- Step "First Name"
 - List: Get item from position 0 in \$UserName\$
 - String: Substring : Extract substring from the \$FirstName\$ string
 - String: Uppercase Convert \$FirstLetter\$ to upper case and assign the result to \$FirstLetter\$
- String: Substring : Extract substring from the \$FirstName\$ string
- String: Lowercase Convert the \$RestOftheLetters\$ to lowercase
- String: Assign "\$FirstLetter\$\$RestOfthe..." to \$FirstName\$

The right panel shows the configuration for the "String: Split" step, which splits the source string into multiple strings using a delimiter. The source string is set to \$Users\$, the delimiter is "", and the output is assigned to the list variable \$UserName\$.

The screenshot shows the Automation Anywhere Task Editor interface. The main workspace displays a workflow titled "Task_4". The steps are as follows:

- String: Substring : Extract substring from the \$FirstName\$ string
- String: Lowercase : Convert the \$RestOftheLetters\$ to lowercase
- String: Assign "\$FirstLetter\$\$RestOfthe..." to \$FirstName\$
- If number \$ListSize\$ Greater Than (>) 1
 - Step "Last Name"
 - List: Get item from position "\$ListSize - 1" in \$UserName\$
 - String: Substring : Extract substring from the \$LastName\$ string
 - String: Uppercase Convert \$FirstLetter\$ to upper case and assign the result to \$FirstLetter\$
 - String: Substring : Extract substring from the \$LastName\$ string
 - String: Lowercase : Convert the \$RestOftheLetters\$ to lowercase
 - String: Assign "\$FirstLetter\$\$RestOfthe..." to \$LastName\$
 - Step "Looping over all the middle names and returning the First letter of each word and Storing it to Middle Name Variable"
 - Loop " \$ListSize - 2" times
 - List: Get item from position \$count\$ in \$UserName\$
 - String: Substring : Extract substring from the \$MiddleVariables\$ string
 - String: Uppercase Convert \$MiddleVariables\$ to upper case and assign the result to \$MiddleVariables\$

The right panel shows the configuration for the "String: Split" step, which splits the source string into multiple strings using a delimiter. The source string is set to \$Users\$, the delimiter is "", and the output is assigned to the list variable \$UserName\$.

Screenshot of the Automation Anywhere Task Editor interface showing a workflow for "Task_4".

The workflow consists of the following steps:

- # Number: Increment \$count\$ by 1 and assign result to a \$count\$ variable
- # String: Assign "\$MiddleName\$\$MiddleVari..." to \$MiddleName\$
- # String: Assign "\$FirstName\$ \$MiddleName\$" to \$FirstName\$
- Step "Printing the Data into Excel"**
 - Excel advanced: Set cell : Active cell to \$FirstName\$
 - Excel advanced: Go to cell : Go to One cell to the right of the current cell
 - Excel advanced: Set cell : Active cell to \$LastName\$
 - Excel advanced: Go to cell : Go to Beginning of the row of the current cell
 - Excel advanced: Go to cell : Go to One cell below of the current cell
- Step "Resetting the FirstName , MiddleName, LastName & count variable"**
 - String: Assign "" to \$FirstName\$
 - String: Assign "" to \$MiddleName\$
 - String: Assign "" to \$LastName\$
 - Number: Assign 1 to \$count\$
- Excel advanced: Close
- CSV/TXT: Close csv/btx "Default"

On the right side, there is a configuration panel for the "String: Split" step:

- String: Split**
- Splits the source string into multiple strings using a delimiter.
- Source string**: \$Users\$
- Delimiter**: #
- Delimiter is**:
 - Case sensitive
 - Not case sensitive
- Split into substrings**:
 - All possible
 - Only
- Assign the output to list variable**: UserName

Screenshot of the Automation Anywhere Task Editor interface showing the same workflow for "Task_4". A modal dialog box is displayed in the center of the screen with the message "Your bot has run successfully!" and a large yellow checkmark icon.

The rest of the interface and the configuration panel for the "String: Split" step are identical to the first screenshot.

AutoSave off

output.xlsx

Search

soham nandi

File Home Insert Page Layout Formulas Data Review View Help

Cut Copy Paste Format Painter

Font: Calibri 11pt

Font Style: B I U

Font Color: A

Font Size: 11pt

Font Alignment: Merge & Center

Font Number: General

Font Styles: Conditional Formatting

Font Cell Styles: Table

Font Insert: AutoSum

Font Cells: Fill

Font Editing: Sort & Filter

Font Analysis: Data

Font Sensitivity: Sensitivity

E11

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	First Name	Last Name																					
2	Husan L	Mahey																					
3	Priya	Mahey																					
4	Sonam	Mahey																					
5	Ravinder RL	Mahey																					
6	Sunita K	Mahey																					
7	Manisha	Mahey																					
8	Soham																						
9	Naga AHWS	Goparaju																					
10																							
11																							
12																							
13																							
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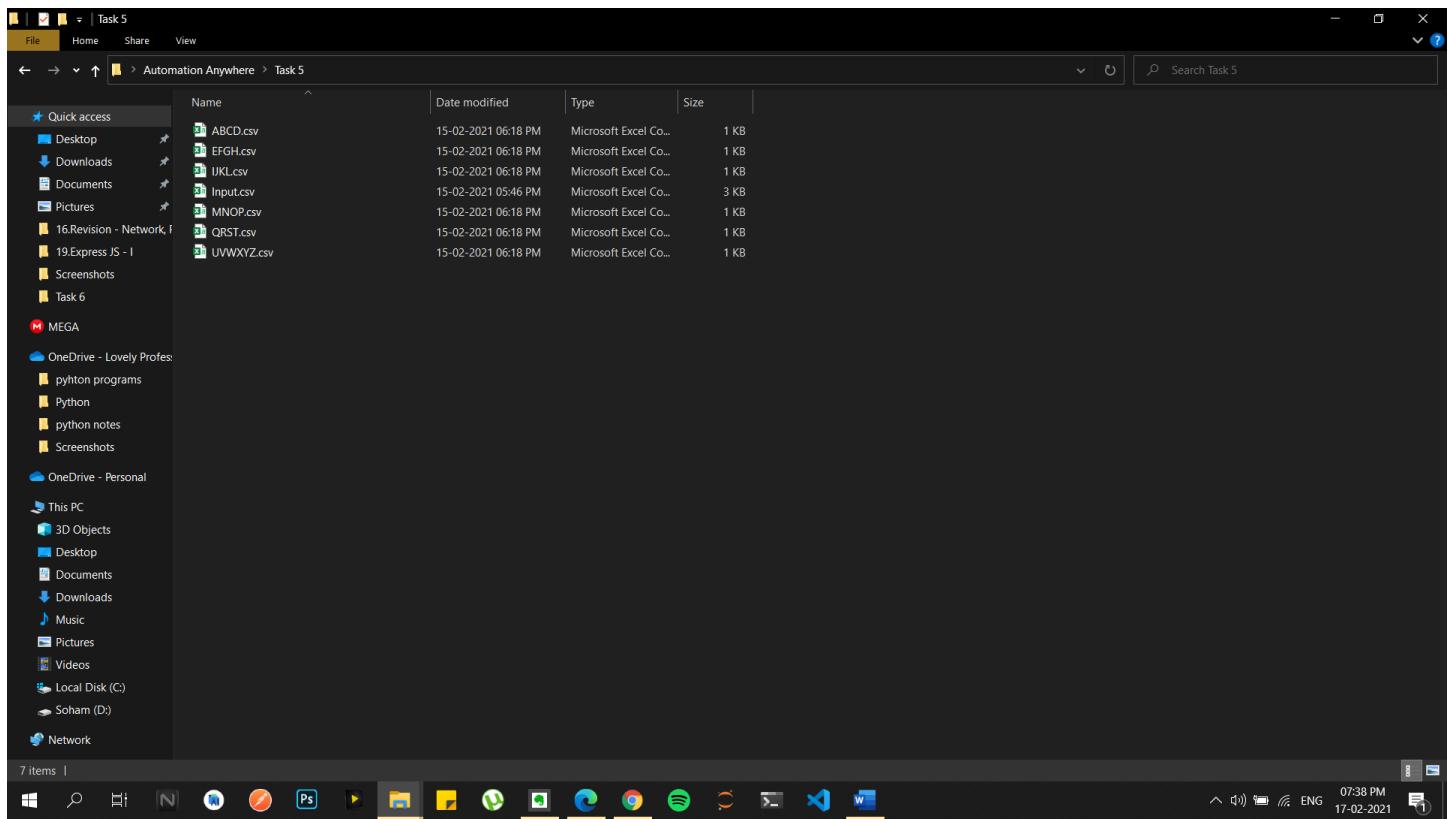
Task 5: Sorting Of file.

The screenshot shows the Automation Anywhere Task Bot editor for Task_5. The flow consists of:

- CSV/TXT: Open 'C:\Users\soham\Desktop\Automation Anywhere\Task 5\Input.csv'
- Data Table: Assign
- Loop for each row in csv/txt
 - String: Substring - Extract substring from the \$record[0]S string
 - If string 'ABCD' Includes \$ref_char\$:
 - Data Table: Insert row into data table \$ABCD\$ at last position
 - If Else If string 'EFGH' Includes \$ref_char\$:
 - Data Table: Insert row into data table \$EFGH\$ at last position
 - If Else If string 'IJKL' Includes \$ref_char\$:
 - Data Table: Insert row into data table \$IJKL\$ at last position
 - If Else If string 'MNOP' Includes \$ref_char\$:
 - Data Table: Insert row into data table \$MNOP\$ at last position

The screenshot shows the Automation Anywhere Task Bot editor for Task_5. The flow consists of:

- If Else If string "EFGH" Includes \$ref_char\$:
 - Data Table: Insert row into data table \$EFGH\$ at last position
- If Else If string "IJKL" Includes \$ref_char\$:
 - Data Table: Insert row into data table \$IJKL\$ at last position
- If Else If string "MNOP" Includes \$ref_char\$:
 - Data Table: Insert row into data table \$MNOP\$ at last position
- If Else If string "QRST" Includes \$ref_char\$:
 - Data Table: Insert row into data table \$QRST\$ at last position
- If Else If string "UVWXYZ" Includes \$ref_char\$:
 - Data Table: Insert row into data table \$UVWXYZ\$ at last position
- Data Table: Write to file 'C:\Users\soham\Desktop\Automation Anywhere\Task...' from data table \$ABCD\$
- Data Table: Write to file 'C:\Users\soham\Desktop\Automation Anywhere\Task...' from data table \$EFGH\$
- Data Table: Write to file 'C:\Users\soham\Desktop\Automation Anywhere\Task...' from data table \$IJKL\$
- Data Table: Write to file 'C:\Users\soham\Desktop\Automation Anywhere\Task...' from data table \$MNOP\$
- Data Table: Write to file 'C:\Users\soham\Desktop\Automation Anywhere\Task...' from data table \$QRST\$
- Data Table: Write to file 'C:\Users\soham\Desktop\Automation Anywhere\Task...' from data table \$UVWXYZ\$
- End



Task 6: XML file Automation.

The screenshot shows the Automation Anywhere Control Room interface for Task_6A. The left pane displays a workflow with the following steps:

- Start
- XML: Start session using File "C:\Users\soham\Desktop\Automation Anywhere\Task 6\SampleFile.xml"
- XML: Validate XML document Well formed in session 'Default' and assign to variable \$Validity_xml\$
- If string \$Validity_xml\$ Equals to(=) "VALID":
 - XML: Get single node and assign value to variable \$xml_title\$
 - Message box \$xml_title\$
- If: Else
 - Message box "Invalid XML"
- XML: End session End XML session "Default"
- End

The right pane shows the configuration for the "XML: Get single node" step, titled "XML: Get single node". It includes fields for Session name (Default), XPath expression (/catalog/book[2]/title), and Assign the output to variable (\$xml_title). The status bar at the bottom indicates the date and time as 17-02-2021 07:15 PM.

The screenshot shows the Automation Anywhere Control Room interface for Task_6B. The left pane displays a workflow with the following steps:

- Start
- XML: Start session using File "C:\Users\soham\Desktop\Automation Anywhere\Task 6\SampleFile.xml"
- XML: Validate XML document Well formed in session 'Default' and assign to variable \$Validity_xml\$
- If string \$Validity_xml\$ Equals to(=) "VALID":
 - XML: Get multiple nodes Text value from xpath location "book/title" session "Default"
 - Loop Each node In a XML Dataset "Default"
 - Message box \$get_multiple\$
 - If: Else
 - Message box "Invalid XML"
- XML: End session End XML session "Default"
- End

The right pane shows the configuration for the "XML: Get multiple nodes" step, titled "XML: Get multiple nodes". It includes fields for Session name (Default), XPath Expression (book/title), and options for Get each node (Text value selected). The status bar at the bottom indicates the date and time as 17-02-2021 07:14 PM.

Task_6C - Update Node

community.cloud.automationanywhere.digital/#/bots/repository/private/taskbots/3415973/edit

Control Room

Task_6C - Update Node

Flow List Dual

Triggers

Drag a trigger here...

1 XML: Start session using File "C:\Users\soham\Desktop\Automation Anywhere\Task 6\SampleFile.xml"

2 XML: Validate XML document Well formed in session "Default" and assign to variable \$validity_xml\$

3 If string \$validity_xml\$ Equals to(=) "VALID"

- 4 XML: Update node Update node value "20" at xpath location "book[2]/price" in session "Default"
- 5 XML: Save session data assigned to variable \$Output_xml\$ write session data into file "C:\Users\soham\Desktop\Automation Anywhere\Task... session..." session...
- 6 If: Else
- 7 Message box "Invalid XML"
- 8 XML: End session End XML session "Default"

End

XML: Update node

Update specific node in the xml

Session name: Default

XPath expression: //book[2]/price

New value: 20

Update attribute(s)

Attributes: Dictionary Variable

Task_6D - Increase price 18%

community.cloud.automationanywhere.digital/#/bots/repository/private/taskbots/3416028/edit

Control Room

Task_6D - Increase price 18%

Flow List Dual

Triggers

Drag a trigger here...

1 XML: Start session using File "C:\Users\soham\Desktop\Automation Anywhere\Task 6\SampleFile.xml"

2 XML: Validate XML document Well formed in session "Default" and assign to variable \$validity_xml\$

3 If string \$validity_xml\$ Equals to(=) "VALID"

4 XML: Get multiple nodes Text value from xpath location "//book/price" session "Default"

5 Loop Each node in a XML Dataset "Default"

- 6 NumberUtils: Calc Calculate Expression
- 7 XML: Update node Update node value \$Book_Price.Number:toString\$ at xpath location "//book[\$count.Number:to... in session "Default"
- 8 Number: Increment \$count\$ by 1 and assign result to a \$count\$ variable
- 9 XML: Save session data assigned to variable \$prompt-assignment\$ write session data into file "C:\Users\soham\Desktop\Automation Anywhere\T...
- 10 If: Else
- 11 Message box "Invalid XML"
- 12 XML: End session End XML session "Default"

End

XML: Update node

Update specific node in the xml

Session name: Default

XPath expression: //book[\$count.Number:toString\$/price

New value: \$Book_Price.Number:toString\$

Update attribute(s)

Attributes: Dictionary Variable

Task_6E - Insert Node

Advanced automation capabilities to unleash your organization's full potential.

Control Room

Task_6E - Insert Node

Flow List Dual

Triggers

Drag a trigger here...

Start

1 XML: Start session using File 'C:\Users\soham\Desktop\Automation Anywhere\Task 6\SampleFile.xml'

2 XML: Validate XML document Well formed in session 'Default' and assign to variable \$validity_xml\$

3 If string \$validity_xml\$ Equals to(=) 'VALID'

4 XML: Insert node Insert node with name 'format' and value 'paperback' at xpath location '//book[2]' in session 'Default'

5 If: Else

6 Message box 'Invalid XML'

7 XML: End session End XML session 'Default'

End

XML: Insert node

Insert node within xml

Session name: Default

XPath Expression: //book[2]

Node name: format

Node value (optional): paperback

If node name is present then: Overwrite it

Insert node location: End of the child nodes

Default namespace (optional): //

Attributes (optional): Dictionary Variable

Namespace (optional): Default Variable

Task_6F - Update format to paper

Advanced automation capabilities to unleash your organization's full potential.

Control Room

Task_6F - Update format to paperback and kindle

Flow List Dual

Start

Drag a trigger here...

1 XML: Start session using File 'C:\Users\soham\Desktop\Automation Anywhere\Task 6\SampleFile.xml'

2 XML: Validate XML document Well formed in session 'Default' and assign to variable \$validity_xml\$

3 If string \$validity_xml\$ Equals to(=) 'VALID'

4 XML: Get multiple nodes Text value from xpath location '//book' session 'Default'

5 Loop Each node in a XML Dataset 'Default'

6 If number \$count\$ Less Than or Equal To (<=) 2

7 XML: Insert node Insert node with name 'format' and value 'paperback' at xpath location '//book[\$count:Number:to...]' in session 'Default'

8 If: Else

9 XML: Insert node Insert node with name 'format' and value 'Kindle' at xpath location '//book[2]' in session 'Default'

10 Number: Increment \$count\$ by 1 and assign result to a \$count\$ variable

11 If: Else

12 Message box 'Invalid XML'

13 XML: Save session data assigned to variable \$prompt-assignment\$ write session data into file 'C:\Users\soham\Desktop\Automation Anywhere\Task...' se...

14 XML: End session End XML session 'Default'

End

XML: Insert node

Insert node within xml

Session name: Default

XPath Expression: //book[\$count:Number:toString\$]

For example //bookstore/book

Node name: format

Node value (optional): paperback

If node name is present then: Overwrite it

Insert node location: End of the child nodes

Default namespace (optional): //

Attributes (optional): Dictionary Variable

Namespace (optional): Default Variable

Task 7: Sorting Rows of Excel.

The screenshot shows the Automation Anywhere Task Bot editor interface. The title bar says "Task_7 | Edit Task Bot | Control Room". The main area displays a workflow titled "Task_7" with the following steps:

- Start
- Excel advanced: Open "C:\Users\soham\Desktop\Automation Anywhere\Task 7\advance_SampleData.xlsx"
- Excel advanced: Insert table column "Amount" to table "Data" into current worksheet
- Excel advanced: Get multiple cells and assign to \$Table1\$
- Excel advanced: Go to cell : Go to the Specific cell "E2"
- Loop For each row in table
- NumberUtils: Calc Calculate Expression
- Excel advanced: Set cell : Active cell to \$amount.Number:toString\$
- Excel advanced: Go to cell : Go to One cell below of the current cell
- NumberUtils: Calc Calculate Expression
- Excel advanced: Sort table "Data" for column "Segment" with sort order A-to-Z
- Excel advanced: Set cell : Active cell to \$TotalAmount.Number:toString\$
- End

The "Actions" sidebar on the left lists various Excel-related actions, and the "Variables" sidebar on the right lists variables like "exc". The status bar at the bottom shows the date and time as 15-02-2021 12:33 PM.

This screenshot shows a detailed view of the "NumberUtils: Calc" step in the workflow. The step is currently selected, and its properties are displayed on the right side of the screen:

- Calculate Expression
- Expression to be calculated: `# $record[2]$ * $record[3]$`
- Calculated Expression: `# amount`

The rest of the workflow and interface are identical to the first screenshot, showing the same steps and overall layout.

Screenshot of the Automation Anywhere Control Room interface showing a workflow named "Task_7".

The workflow consists of the following steps:

- Start
- Excel advanced: Open "C:\Users\soham\Desktop\Automation Anywhere\Task 7\advance_SampleData.xlsx"
- Excel advanced: Insert table column "Amount" to table "Data" into current worksheet
- Excel advanced: Get multiple cells and assign to \$Table1\$
- Excel advanced: Go to cell - Go to the Specific cell "E2"
- Loop For each row in table
 - NumberUtils: Calc Calculate Expression
 - Excel advanced: Set cell : Active cell to \$amount.Number:toString\$
 - Excel advanced: Go to cell : Go to One cell below of the current cell
 - NumberUtils: Calc Calculate Expression
- Excel advanced: Sort table "Data" for column "Segment" with sort order A-to-Z
- Excel advanced: Set cell : Active cell to \$TotalAmount.Number:toString\$
- Excel advanced: Close
- End

On the right side, there is a sidebar titled "NumberUtils: Calc" with the following details:

- Calculate Expression
- Expression to be calculated: $\$TotalAmount\$ + \$amount\$$
- Calculated Expression: $TotalAmount$

Screenshot of the Automation Anywhere Control Room interface showing a workflow named "Task_7".

The workflow consists of the following steps:

- Start
- Excel advanced: Open "C:\Users\soham\Desktop\Automation Anywhere\Task 7\advance_SampleData.xlsx"
- Excel advanced: Insert table column "Amount" to table "Data" into current worksheet
- Excel advanced: Get multiple cells and assign to \$Table1\$
- Excel advanced: Go to cell - Go to the Specific cell "E2"
- Loop For each row in table
 - NumberUtils: Calc Calculate Expression
 - Excel advanced: Set cell : Active cell to \$amount.Number:toString\$
 - Excel advanced: Go to cell : Go to One cell below of the current cell
 - NumberUtils: Calc Calculate Expression
- Excel advanced: Sort table "Data" for column "Segment" with sort order A-to-Z
- Excel advanced: Set cell : Active cell to \$TotalAmount.Number:toString\$
- Excel advanced: Close
- End

A modal window is displayed in the center of the screen with the message "Your bot has run successfully!" and a large yellow checkmark icon.

On the right side, there is a sidebar titled "Excel advanced: Sort table" with the following configuration:

- Table name: Data
- Sort for: Column name (Segment)
- Sort order: Number (A-to-Z)
- Session name: Local name (Default)

advance_SampleData.xlsxm

The screenshot shows a Microsoft Excel spreadsheet titled "advance_SampleData.xlsxm". The table structure is as follows:

	A	B	C	D	E	F	G	H	I	J
1	Segment	Product	Units Sold	Sale Price	Amount	Date				
59	Midmarket	Paseo	2152	£ 15.00	£ 32,280.00	01-12-2013				
60	Midmarket	Paseo	974	£ 15.00	£ 14,610.00	01-02-2014				
61	Midmarket	Paseo	2296	£ 15.00	£ 34,440.00	01-02-2014				
62	Midmarket	Paseo	1514	£ 15.00	£ 22,710.00	01-02-2014				
63	Midmarket	Montana	921	£ 15.00	£ 13,815.00	01-03-2014				
64	Midmarket	Montana	2214	£ 15.00	£ 33,210.00	01-03-2014				
65	Midmarket	Carretera	2178	£ 15.00	£ 32,670.00	01-06-2014				
66	Midmarket	Carretera	888	£ 15.00	£ 13,320.00	01-06-2014				
67	Midmarket	Carretera	2470	£ 15.00	£ 37,050.00	01-06-2014				
68	Midmarket	Montana	2470	£ 15.00	£ 37,050.00	01-06-2014				
69	Midmarket	VTT	2178	£ 15.00	£ 32,670.00	01-06-2014				
70	Midmarket	VTT	888	£ 15.00	£ 13,320.00	01-06-2014				
71	Midmarket	Paseo	2472	£ 15.00	£ 37,080.00	01-09-2014				
72	Midmarket	Paseo	747	£ 15.00	£ 11,205.00	01-09-2014				
73	Midmarket	Montana	615	£ 15.00	£ 9,225.00	01-12-2014				
74	Midmarket	Amarilla	615	£ 15.00	£ 9,225.00	01-12-2014				
75	Small Business	Paseo	788	£ 300.00	£ 2,36,400.00	01-09-2013				
76	Small Business	Montana	2498	£ 300.00	£ 749,400.00	01-09-2013				
77	Small Business	Carretera	494	£ 300.00	£ 148,200.00	01-10-2013				
78	Small Business	VTT	494	£ 300.00	£ 148,200.00	01-10-2013				
79	Small Business	VTT	2001	£ 300.00	£ 6,00,300.00	01-02-2014				
80	Small Business	Montana	2301	£ 300.00	£ 6,90,300.00	01-04-2014				
81	Small Business	Montana	958	£ 300.00	£ 2,87,400.00	01-08-2014				
82	Small Business	VTT	2151	£ 300.00	£ 6,45,300.00	01-09-2014				
83	Small Business	VTT	986	£ 300.00	£ 2,95,800.00	01-09-2014				
84	Small Business	Paseo	2905	£ 300.00	£ 8,71,500.00	01-11-2014				
85					£ 1,54,45,109.00					

The screenshot also shows the Windows taskbar at the bottom with various icons and the system tray indicating the date and time as 15-02-2021 at 12:35 PM.

Task 8: Word file and email automation.

The screenshot shows the Automation Anywhere Control Room interface with a task named 'Task_8'. The task flow consists of the following steps:

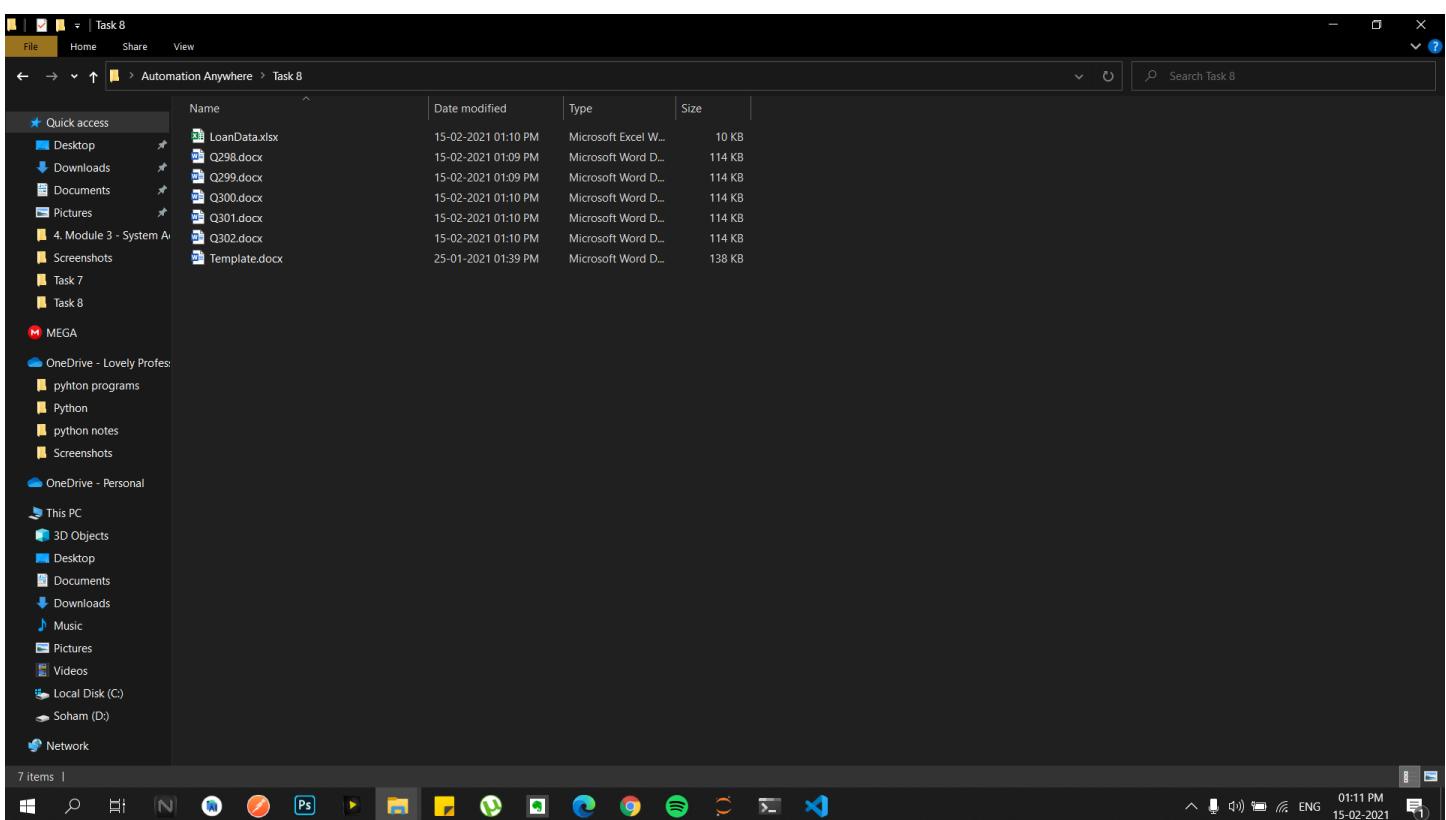
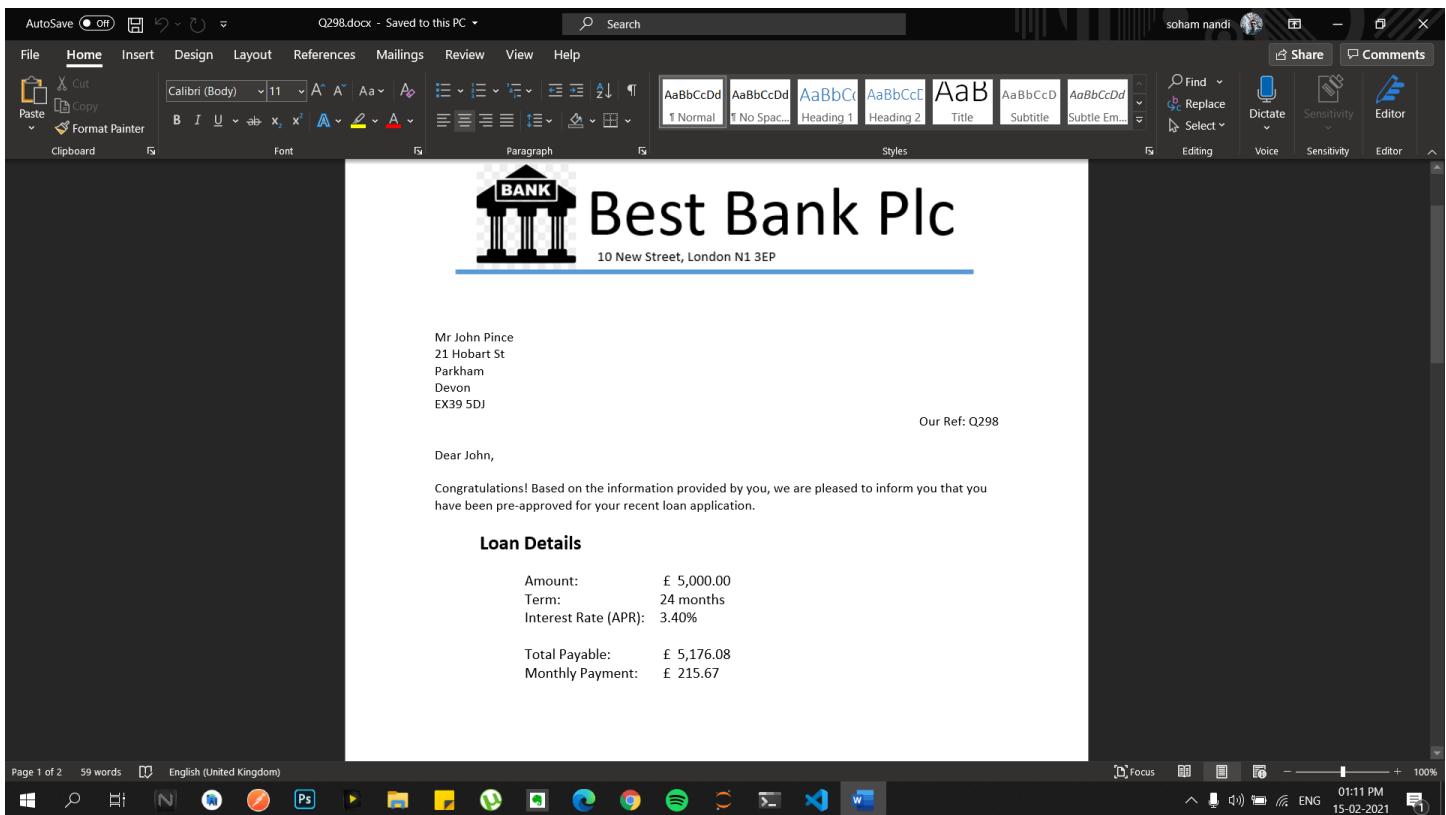
- Excel advanced: Open 'C:\Users\soham\Desktop\Automation Anywhere\Task 8\LoanData.xlsx'
- Loop : For each row in worksheet and assign to \$record\$
- File: Copy 'C:\Users\soham\Desktop\Automation Anywhere\Task...' to 'C:\Users\soham\Desktop\Automation Anywhere\Task 8\\$record[0].docx'
- MS Word: Replace Text (selected step)
- MS Word: Replace Text
- Email: Send an email to \$record[13]\$ with subject : 'Automation Anywhere finished executing the TaskBot'

The 'MS Word: Replace Text' step is currently selected. The configuration window on the right shows the following settings:

- Select the Word document: Control Room file
- Enter Text to be replaced: \$[Title]
- Enter new Text: \$record[1]\$

The screenshot shows the Automation Anywhere Control Room interface with the same task flow as the previous screenshot. The 'Email: Send' configuration window is now open on the right, showing the following settings:

- To address: \$record[13]\$
- Subject: Automation Anywhere finished executing the TaskBot
- Message (partially visible)



The screenshot shows a Microsoft Edge browser window with several tabs open:

- WhatsApp
- Task_8 | Edit Task Bot | Control R...
- LPU Live
- CodeTantra - Teach & Learn
- Automation Anywhere finished e...

The address bar shows the URL: mail.google.com/mail/u/1/?tab=rm&ogbl#inbox/...

The sidebar on the left contains links for:

- Inbox
- Starred
- Snoozed
- Sent
- Drafts
- More

Below these are sections for Meet and Hangouts.

The main area displays the Gmail inbox with three messages from "sohamthehighbrow". The first message is titled "Your Loan Report Please consider the environment before printing. Let's Go Green!". It includes a file attachment named "Q299.docx" which has a thumbnail of a bank logo. The second and third messages are identical, both titled "to me" and include a file attachment named "Q300.docx" with a similar bank logo thumbnail.

The taskbar at the bottom shows various pinned icons, including WhatsApp, LPU Live, CodeTantra, Automation Anywhere, and others. The system tray indicates the date as 15-02-2021 and the time as 01:06 PM.

Task 9: Excel and Handling Null values.

The screenshot shows the Automation Anywhere Task Bot interface. The left pane displays a workflow titled "Task_9" with the following steps:

- Excel advanced: Open 'C:\Users\soham\Desktop\Automation Anywhere\Task 9\Products.csv'
- Excel advanced: Open 'C:\Users\soham\Desktop\Automation Anywhere\Task 9\newProducts.csv'
- Excel advanced: Get multiple cells and assign to \$Product
- Excel advanced: Read column From specific cell 'C1' and store values to \$oldPrice\$
- Excel advanced: Write from data table
- Excel advanced: Go to cell Go to the Specific cell 'D1'
- Loop : For each item in the list
- Error handler: Try
 - NumberUtils: Calc Calculate Expression
 - If number \$productOldPrice\$ Equals to(=) 0
 - Excel advanced: Go to cell Go to One cell below of the current cell
 - Loop: Continue
- Excel advanced: Set cell Active cell to \$productOldPrice.Number:toString\$
- Excel advanced: Go to cell Go to One cell below of the current cell
- Error handler: Catch AllErrors
 - Excel advanced: Set cell Active cell to 'new_Price'
- Excel advanced: Set cell Active cell to 'new_Price'

The right pane shows the configuration for the "Excel advanced: Open" action, which is set to "Open excel spreadsheet. This action works with xlsx, xls, xlsm and csv files." It includes fields for "File path" (set to "Control Room file" with value "C:\Users\soham\Desktop\Automation Anywhere\Task 9\newProducts.csv"), "Open in" (set to "Read-write mode"), and "To open (optional)" and "To edit (optional)" fields.

The screenshot shows the Automation Anywhere Task Bot interface with a modified workflow titled "Task_9". The steps are identical to the first screenshot, except for the addition of two "Excel advanced: Close" actions at the end of the loop.

- Excel advanced: Go to cell Go to the Specific cell 'D1'
- Loop : For each item in the list
- Error handler: Try
 - NumberUtils: Calc Calculate Expression
 - If number \$productOldPrice\$ Equals to(=) 0
 - Excel advanced: Go to cell Go to One cell below of the current cell
 - Loop: Continue
- Excel advanced: Set cell Active cell to \$productOldPrice.Number:toString\$
- Excel advanced: Go to cell Go to One cell below of the current cell
- Error handler: Catch AllErrors
 - Excel advanced: Set cell Active cell to 'new_Price'
- Excel advanced: Set cell Active cell to 'new_Price'
- Excel advanced: Go to cell Go to One cell below of the current cell
- Loop: Continue
- Excel advanced: Close
- Excel advanced: Close

Task 10: Supermarket Automation

Screenshot of the Automation Anywhere Task Bot Editor showing a workflow for supermarket automation.

The workflow (Task_10) consists of the following steps:

- Step 'Bigbasket': Browser: Open "https://www.bigbasket.com/ps/?q=\$record[0]\$"
- Recorder: Capture Get property on Label HTML InnerText "*" in window "*bigbasket.com*"
- Excel advanced: Set cell : Active cell to \$bigbasket_price\$
- Excel advanced: Go to cell : Go to One cell to the right of the current cell
- Browser: Close tab "*bigbasket.com*"
- If (number \$Jiomart_price.String:toNumber\$ Less Than or Equal To (<=) \$Grofers_price.String:toNumber\$) and (number \$Jiomart_price.String:toNumber\$ Greater Than or Equal To (>=) \$bigbasket_price.String:toNumber\$)
- Step 'Jiomart': Browser: Open "https://www.jiomart.com/catalogsearch/result?q=\$record[0]\$"
- Recorder: Capture Click on button in window "*JioMart*"
- Loop : \$record[1].String:toNum...\$ times
 - Recorder: Capture Click on button in window "*JioMart*"
- Delay : Add a regular delay of 2 seconds
- Browser: Close tab "*JioMart*"
- Excel advanced: Set cell : Active cell to '\$Jiomart - \$Jiomart_price\$'
- Excel advanced: Go to cell : Go to One cell below of the current cell

Screenshot of the Automation Anywhere Task Bot Editor showing a modified workflow for supermarket automation.

The workflow (Task_10) consists of the following steps:

- Excel advanced: Open 'C:\Users\soham\Desktop\Automation Anywhere\Task 10\shoppingList.xlsx'
- Excel advanced: Go to cell : Go to the Specific cell 'C2'
- Loop : For each row in worksheet and assign to \$record\$
- Step 'Jiomart': Browser: Open "https://www.jiomart.com/catalogsearch/result?q=\$record[0]\$"
- Recorder: Capture Get property on Label HTML InnerText "*" in window "*JioMart*"
- String: Extract text Source string \$Jiomart_price\$: Extract sub-string before '₹'
- Excel advanced: Set cell : Active cell to \$Jiomart_price\$
- Excel advanced: Go to cell : Go to One cell to the right of the current cell
- Browser: Close window of tab "*JioMart*"
- Step 'Grofers': Browser: Open "https://grofers.com/s/?q=\$record[0]\$"
- Recorder: Capture Get property on client HTML InnerText "*" in window "*Grofers*"
- String: Extract text Source string \$Grofers_price\$: Extract sub-string before '₹'
- Excel advanced: Set cell : Active cell to \$Grofers_price\$
- Excel advanced: Go to cell : Go to One cell to the right of the current cell
- Browser: Close window of tab "*Grofers*"

Task_10 | Edit Task Bot | Control R x UMS - Home x +

community.cloud.automationanywhere.digital/#/bots/repository/private/taskbots/3404458/edit

Upgrade to Enterprise Advanced automation capabilities to unleash your organization's full potential.

Control Room

Task_10

Flow List Dual

```

48 Excel advanced: Go to cell : Go to One cell to the left of the current cell
49 Excel advanced: Go to cell : Go to One cell to the left of the current cell
50 If: Else
  Step 'Bigbasket'
    Browser: Open "https://www.bigbasket.com/ps/?q=$record[0]$"
    Recorder: Capture Click on button in window "*bigbasket.com*"
  Loop : '$record[1].String:toNum...' times
    Recorder: Capture Click on button in window "*bigbasket.com*"
  Delay : Add a regular delay of 2 seconds
  Browser: Close tab "*bigbasket.com*"
  Excel advanced: Set cell : Active cell to 'Bigbasket - $bigbasket_price$'
  Excel advanced: Go to cell : Go to One cell below of the current cell
  Excel advanced: Go to cell : Go to One cell to the left of the current cell
  Excel advanced: Go to cell : Go to One cell to the left of the current cell
  Excel advanced: Go to cell : Go to One cell to the left of the current cell
  Excel advanced: Close
End

```

Browser: Open

This command can be used to open website in browser

What to open

- Existing tab
- New tab
- New window**

New window in selected browser

Browser

Default Browser

Link to open

www.jiomart.com/catalogsearch/result?q=\$record[0]\$

Time out after (seconds) (optional)

240

Min = 9 seconds

Task_10 | Edit Task Bot | Control R x UMS - Home x +

community.cloud.automationanywhere.digital/#/bots/repository/private/taskbots/3404458/edit

Upgrade to Enterprise Advanced automation capabilities to unleash your organization's full potential.

Control Room

Task_10

Flow List Dual

```

34 Excel advanced: Go to cell : Go to One cell to the left of the current cell
35 Excel advanced: Go to cell : Go to One cell to the left of the current cell
36 Excel advanced: Go to cell : Go to One cell to the left of the current cell
37 If: Else If number $Grofers_price.String:toNumber$ Less Than or Equal To (=) $bigbasket_price.String:toNumber$
  Step 'Grofers'
    Browser: Open "https://grofers.com/s/?q=$record[0]$"
    Recorder: Capture Click on button in window "*Grofers*"
  Loop : '$record[1].String:toNum...' times
    Recorder: Capture Click on button in window "*Grofers*"
  Delay : Add a regular delay of 2 seconds
  Browser: Close tab "*Grofers*"
  Excel advanced: Set cell : Active cell to 'Grofers - $Grofers_price$'
  Excel advanced: Go to cell : Go to One cell below of the current cell
  Excel advanced: Go to cell : Go to One cell to the left of the current cell
  Excel advanced: Go to cell : Go to One cell to the left of the current cell
  Excel advanced: Go to cell : Go to One cell to the left of the current cell
  If: Else

```

Browser: Open

This command can be used to open website in browser

What to open

- Existing tab
- New tab
- New window**

New window in selected browser

Browser

Default Browser

Link to open

www.jiomart.com/catalogsearch/result?q=\$record[0]\$

Time out after (seconds) (optional)

240

Min = 9 seconds