

Problem statement:

1. Create a Bot to automate task of writing text into notepad

Controls used:

1. File: Create

This will create a new file in the specified location

2. File: Open

This will open the file you've specified

3. Wait for Screen Change

This action will wait for the screen change

4. Simulate keystrokes

This action will write in the notepad

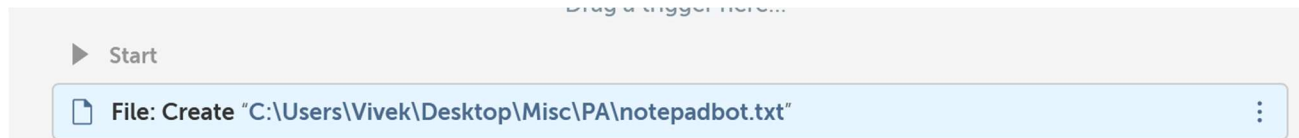
5. Window:close

This will close the window that is currently open.

1 Steps to create and execute bot to automate of writing text into notepad

Step 1: Create a new bot by clicking on Home page of Automation Anywhere, Click on Create bot option. Give the bot name and click on “Create an edit”.

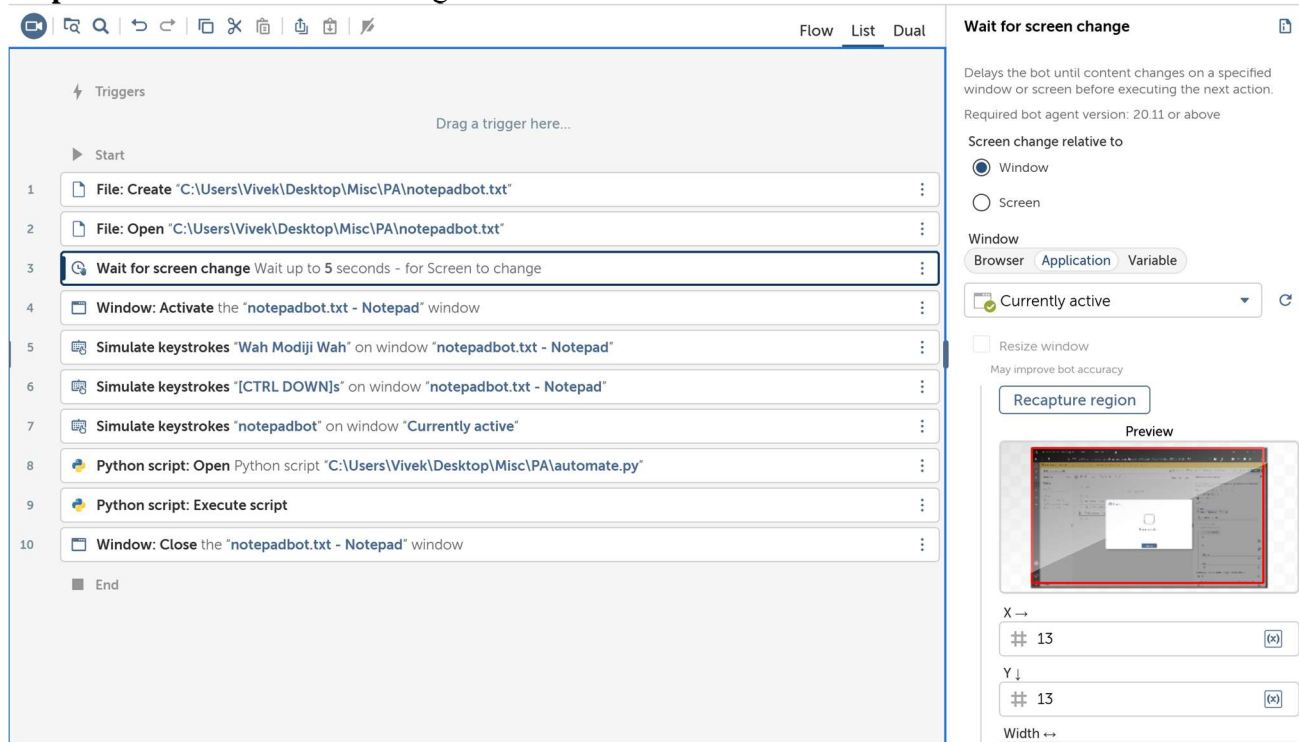
Step 2: Add File: Create . Enter the source where you want the file to be created.



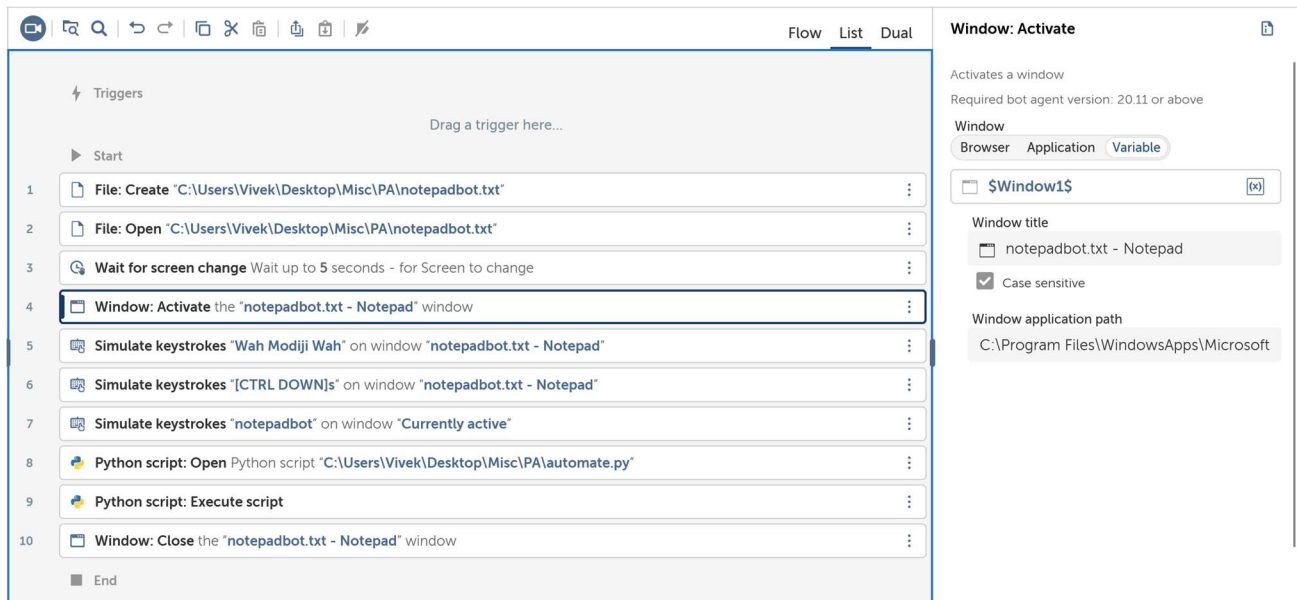
Step 3: Add File: open. To open the file you’ve created



Step 4: Add wait for screen change action



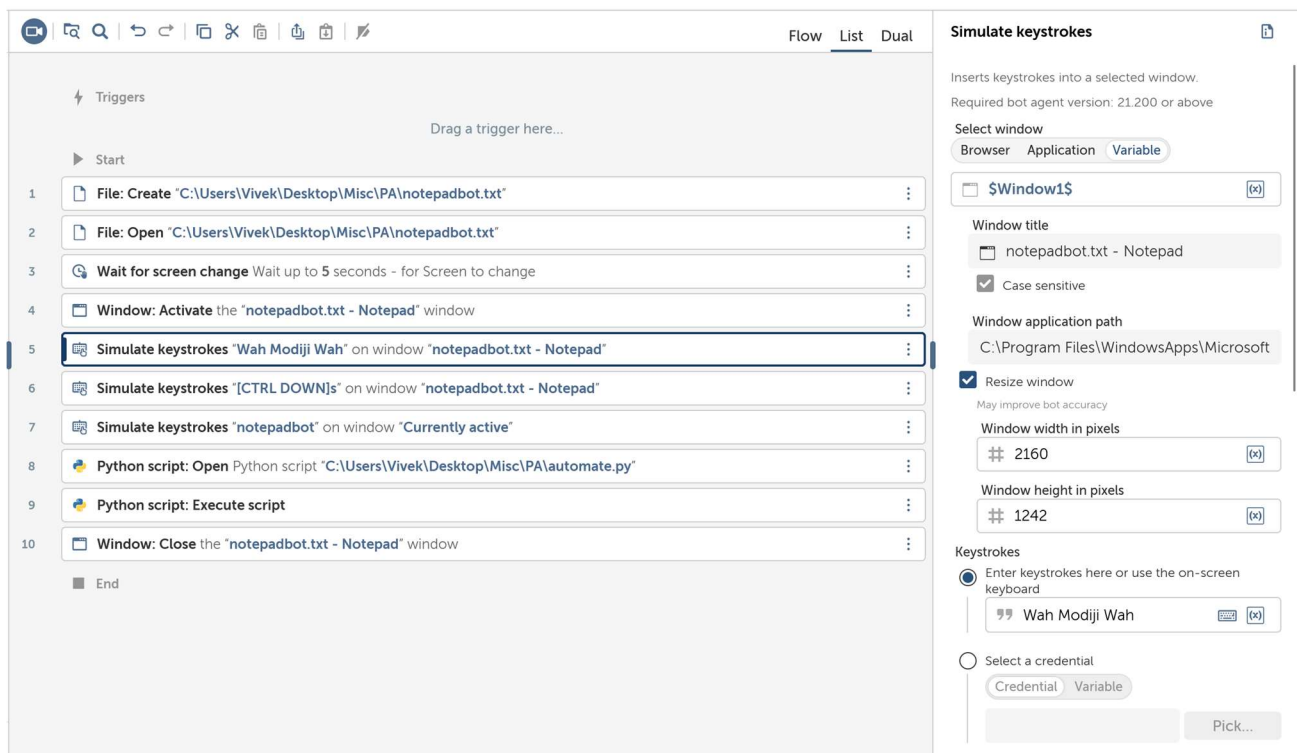
Step 5: Add window activate action to activate the notepad file.



The screenshot displays the UiPath Studio interface. The main workspace shows a workflow with 10 steps. Step 4, "Window: Activate the 'notepadbot.txt - Notepad' window", is selected and highlighted. The right-hand pane shows the configuration for this action. The configuration includes the following details:

- Window:** Browser Application Variable
- Window title:** notepadbot.txt - Notepad
- Case sensitive:** Checked
- Window application path:** C:\Program Files\WindowsApps\Microsoft

Step 6: Include simulate keystrokes and write the message you want to display on the notepad



The screenshot displays the UiPath Studio interface. The main workspace shows a workflow with 10 steps. Step 5, "Simulate keystrokes 'Wah Modiji Wah' on window 'notepadbot.txt - Notepad'", is selected and highlighted. The right-hand pane shows the configuration for this action. The configuration includes the following details:

- Window:** Browser Application Variable
- Window title:** notepadbot.txt - Notepad
- Case sensitive:** Checked
- Window application path:** C:\Program Files\WindowsApps\Microsoft
- Resize window:** Checked
- Window width in pixels:** 2160
- Window height in pixels:** 1242
- Keystrokes:** Enter keystrokes here or use the on-screen keyboard. The text "Wah Modiji Wah" is entered.

Step 7: You can add more Keystroke on new lines as needed, set the delay interval to change typing speed.

Step 8: Simulate Ctrl+S to perform ‘SaveAs’ on file

Triggers

Drag a trigger here...

Start

- File: Create "C:\Users\Vivek\Desktop\Misc\PA\notepadbot.txt"
- File: Open "C:\Users\Vivek\Desktop\Misc\PA\notepadbot.txt"
- Wait for screen change Wait up to 5 seconds - for Screen to change
- Window: Activate the "notepadbot.txt - Notepad" window
- Simulate keystrokes "Wah Modiji Wah" on window "notepadbot.txt - Notepad"
- Simulate keystrokes "[CTRL DOWN]s" on window "notepadbot.txt - Notepad"
- Simulate keystrokes "notepadbot" on window "Currently active"
- Python script: Open Python script "C:\Users\Vivek\Desktop\Misc\PA\automate.py"
- Python script: Execute script
- Window: Close the "notepadbot.txt - Notepad" window

End

Simulate keystrokes

Inserts keystrokes into a selected window.
Required bot agent version: 21.200 or above

Select window
Browser Application Variable

\$Window1\$ (x)

Window title
notepadbot.txt - Notepad

Case sensitive

Window application path
C:\Program Files\WindowsApps\Microsoft

Resize window
May improve bot accuracy

Window width in pixels
2160 (x)

Window height in pixels
1242 (x)

Keystrokes
Enter keystrokes here or use the on-screen keyboard
[CTRL DOWN] s (x)

Select a credential
Credential Variable
Pick...

Step 9: Give the file a name in the ‘SaveAs’ window by simulating keystrokes again. Then add Window:Close action.

Triggers

Drag a trigger here...

Start

- File: Create "C:\Users\Vivek\Desktop\Misc\PA\notepadbot.txt"
- File: Open "C:\Users\Vivek\Desktop\Misc\PA\notepadbot.txt"
- Wait for screen change Wait up to 5 seconds - for Screen to change
- Window: Activate the "notepadbot.txt - Notepad" window
- Simulate keystrokes "Wah Modiji Wah" on window "notepadbot.txt - Notepad"
- Simulate keystrokes "[CTRL DOWN]s" on window "notepadbot.txt - Notepad"
- Simulate keystrokes "notepadbot" on window "Currently active"
- Python script: Open Python script "C:\Users\Vivek\Desktop\Misc\PA\automate.py"
- Python script: Execute script
- Window: Close the "notepadbot.txt - Notepad" window

End

Simulate keystrokes

Inserts keystrokes into a selected window.
Required bot agent version: 21.200 or above

Select window
Browser Application Variable

Currently active

Resize window
May improve bot accuracy

Keystrokes
Enter keystrokes here or use the on-screen keyboard
notepadbot (x)

Select a credential
Credential Variable
Pick...

Delay between each keystroke in ms (optional)
10 (x)
A value greater than 2 is recommended.

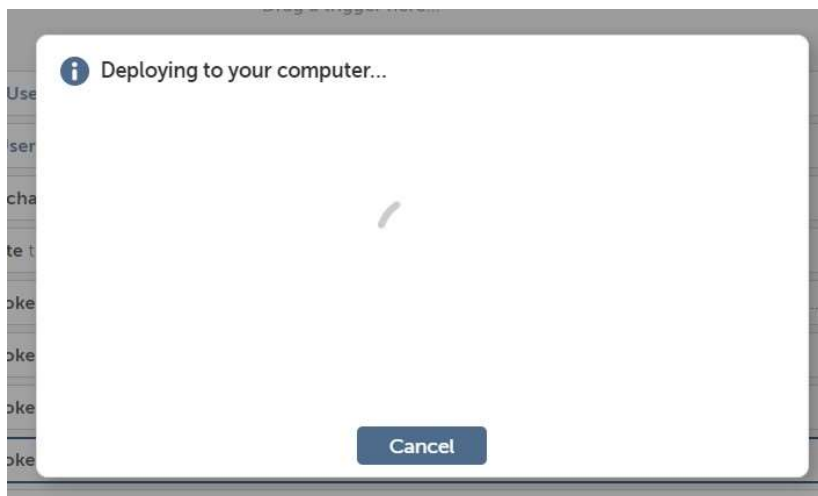
Step 10: Add python script and open the file u want it to read

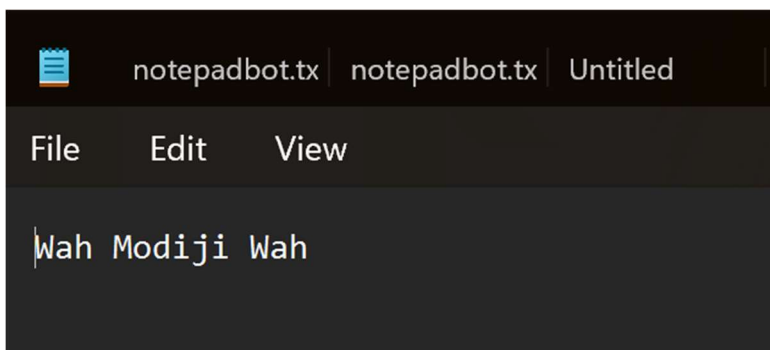
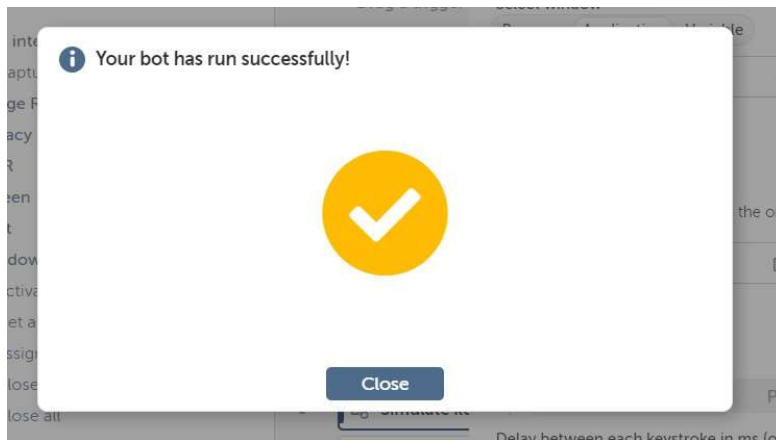
The screenshot displays the Botpress flow editor interface. The main workspace shows a sequence of 10 actions:

1. File: Create "C:\Users\Vivek\Desktop\Misc\PA\notepadbot.txt"
2. File: Open "C:\Users\Vivek\Desktop\Misc\PA\notepadbot.txt"
3. Wait for screen change (Wait up to 5 seconds - for Screen to change)
4. Window: Activate the "notepadbot.txt - Notepad" window
5. Simulate keystrokes "Wah Modiji Wah" on window "notepadbot.txt - Notepad"
6. Simulate keystrokes "[CTRL DOWN]s" on window "notepadbot.txt - Notepad"
7. Simulate keystrokes "notepadbot" on window "Currently active"
8. Python script: Open Python script "C:\Users\Vivek\Desktop\Misc\PA\automate.py" (This action is highlighted)
9. Python script: Execute script
10. Window: Close the "notepadbot.txt - Notepad" window

The right-hand panel shows the configuration for the "Python script: Open" action:

- Opens the Python session.
- Required bot agent version: 20.11 or above
- New Python session: (with a copy icon)
- Use the session name to refer to this file in other Python actions
- Python: ☒ Import existing file
- Python file: (with a copy icon and a "Browse..." button)
- Required extension: ".py"
- ☐ Manual input
- Enter script here:
- Python runtime version: ☐ 2, ☒ 3

Step 11: Save The Bot,click Run

**Conclusion:**

In this practical we successfully automated the task of writing a paragraph into a Notepad file using Automation Anywhere. The process involved checking for file existence, creating and opening a Notepad file, entering keystrokes to input text, waiting for screen changes, and utilizing mouse clicks for a comprehensive automation workflow.