

**Aim:** To demonstrate use of recorder and running a bot.

**Objectives:**

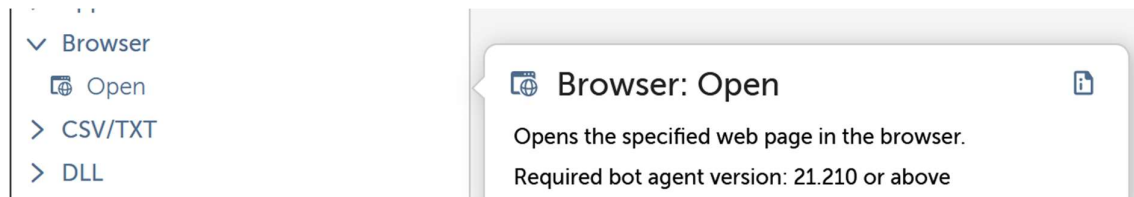
1. Create a bot that opens up the default browser and searches for “Top 10 places in mumbai” without any user input.
2. Addition of 2 numbers.

**Tools Used:**

1. Automation anywhere bot client
2. Automation anywhere control room.

**Solution:**

1. Select create a bot from the automation anywhere control panel
2. From the list of actions to your left, select “Browser” and from the sub-menu select open.



3. Edit the options for the action to set it to open google.com on the browser of your choice when the bot is initialized

**Browser: Open**



Opens the specified web page in the browser.

Required bot agent version: 21.210 or above

**What to open**

Existing tab New tab **New window**

New window in selected browser

Browser

Default Browser

**Link to open**

” https://www.google.com/



e.g. http://...

**Time out after (seconds) (optional)**

# 240



4. Then use the recorder action to capture actions such as set text and button clicks

### Recorder: Capture



Record interactions with UI elements such as click, read, and write.

Required bot agent version: 21.210 or above

Window

Browser

Application

Variable



Currently active



Resize window

May improve bot accuracy

### Recorder: Capture

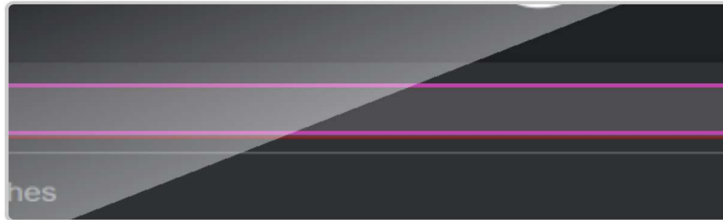


Main

Anchor

Recapture object

Preview



Action to take on object

Set text

Use the set text method to enter keystrokes that you want to run.

Action to take on object

Set text



Run in background

A person who is logged in on the device can perform tasks while this action takes place

Keystrokes



Enter keystrokes here or use the on-screen keyboard

” top 10 places in mumbai



5. We'll again use the recorder action to record a left click on the new browser window that'll search the entered keywords

**Recorder: Capture**

Record interactions with UI elements such as click, read, and write.

Required bot agent version: 21.210 or above

Window

Browser

Application

Variable

Currently active

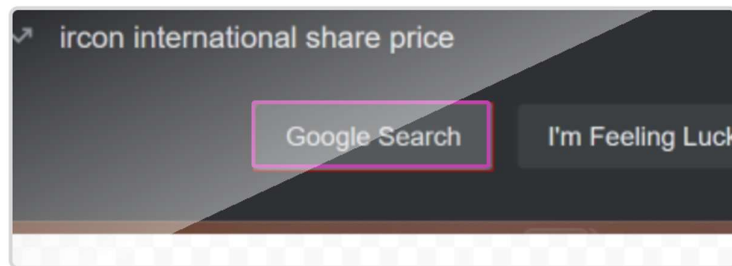
☐ Resize window

May improve bot accuracy

Main Anchor

Recapture object

Preview



Action to take on object

Left click

Here you can either use the google search button from the drop down or use the search icon button from the search bar to seamlessly search the keywords without any user input.

6. Once you're done with the configurations, run the bot to perform desired automated actions. The final bot will look like in the image shown below:

Triggers

Drag a trigger here...

Start

1. Browser: Open "https://www.google.com/"
2. Recorder: Capture Set text "top 10 places in mumbai" in textbox "q" in the "Currently active" window
3. Recorder: Capture Left click on button "btnK" in the "Currently active" window

End

## Addition of 2 Numbers:

### Steps:

1. First, we use the prompt: for value action twice, to prompt the user to enter values.

Prompt: For value	Prompt: For value
Prompts you to enter a value Required bot agent version: 20.11 or above	Prompts you to enter a value Required bot agent version: 20.11 or above
Prompt window caption Addition of two numbers	Prompt window caption Addition of 2 numbers
Prompt message Enter first value	Prompt message Enter 2nd value
<input type="checkbox"/> Mask keystroke	<input type="checkbox"/> Mask keystroke
Assign the value to a variable StrNum1	Assign the value to a variable StrNum2

2. We assign these 2 values in a variable which will be stored as a string datatype as it is the default for automation anywhere CE.
3. Then we use the **String: to Number** action on both of these variables to convert them from string to number, and store these converted values into new variables, with the datatype number.

String: To number	String: To number
Converts a string to a number. Required bot agent version: 20.11 or above	Converts a string to a number. Required bot agent version: 20.11 or above
Enter the string \$StrNum1\$	Enter the string \$StrNum2\$
String entered must be a valid number	String entered must be a valid number
Assign the output to variable Num1	Assign the output to variable Num2

4. Now we'll use the **Number: Assign** action to perform the arithmetic operation and store the final value in a variable, which will be of number data type.

Number: Assign
Enables you to assign a specified number or result of an expression to a user-defined number variable Required bot agent version: 20.18 or above
Select the source number variable/ value \$Num1+\$Num2\$
Specify value to assign to number
Select the destination number variable Final

5. This value needs to be converted into string datatype, so we'll use **Number: to string** and declare another variable to store this converted value.

**Number: To string**

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

Enter a number  
## \$Final\$

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  
## FinalResult

6. Lastly use a message box to display the output.

**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  
## Addition of two numbers

Enter the message to display  
## Output: \$FinalResult\$

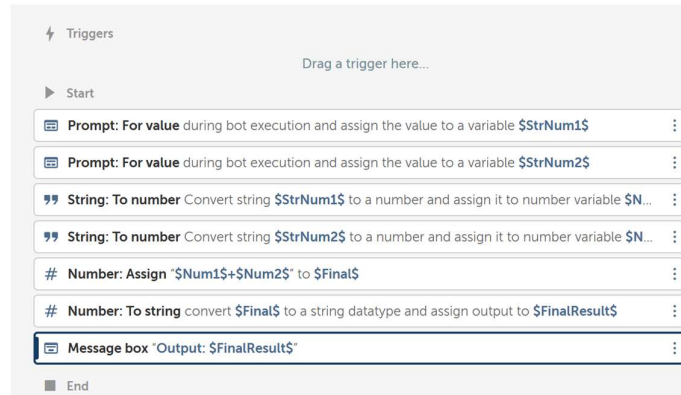
Scrollbar after lines  
## 30

☒ Close message box after  
Seconds  
## 5

7. The output would appear as shown below:

Two windows titled "Addition of two numbers" are shown side-by-side. The left window has a text input field labeled "Enter first value" containing the number "5". The right window has a text input field labeled "Enter 2nd value" containing the number "6". Both windows have "Ok" and "Cancel" buttons at the bottom.

A single window titled "Addition of two numbers" is shown. It contains the text "Message from bot" and "Output: 11". At the bottom, it says "This window will automatically close in 4 seconds" and has a "Close now" button.

**Conclusion:**

In this practical, we have observed various actions and recorder used them extensively to automate simple tasks such as arithmetic operations on numbers to searching things without user input.