

# IBM Robotic Process Automation

Hands-on Workshop

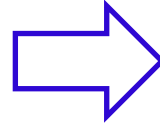
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# Lab Exercise 1

## Transfer CSV Data to Web Form

# Lab 1 - Process Details

	A	B	C	D
1	First Name	Last Name	Gender	DOB
2	Anna	Johnson	Female	5/8/1983
3	Bob	Smith	Male	1/12/1990
4	Cameron	Taylor	Male	12/21/1988
5	Donna	Brown	Female	11/11/1991



New Employee Info Input Form 

Q1 Full name  
Essay

Q2 Gender  
Multiple Choice

Q3 Date of Birth  
Date / Time

Full name \*

Characters Needed: 1 Characters Remaining: 100

Gender \*

☐ Female  
☐ Male

Date of Birth \*

MM / DD / YYYY

[Set Current Date](#)

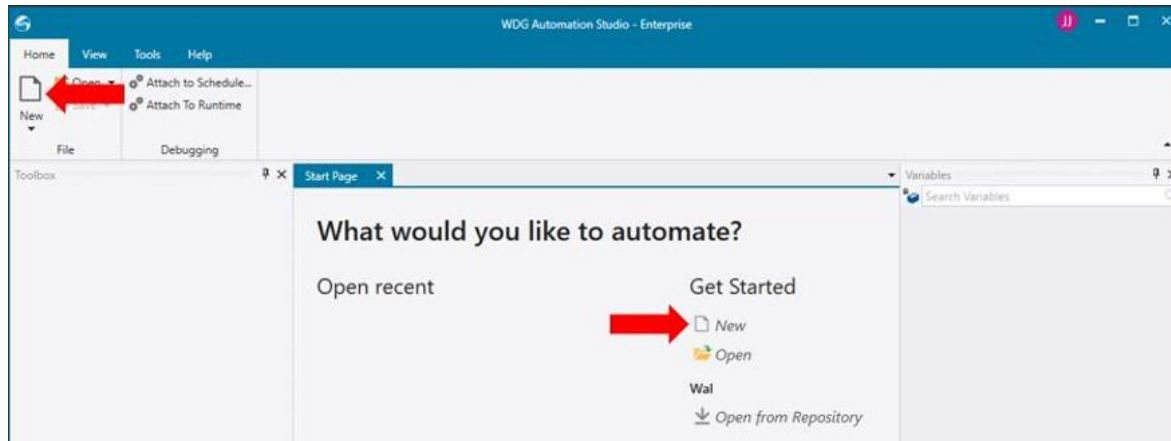
New hire details in csv file

Enter details into HR system

# Lab 1 – Create a new automation

## Create a new WAL file

- Click the New icon from the top toolbar or New under "Get Started" section.



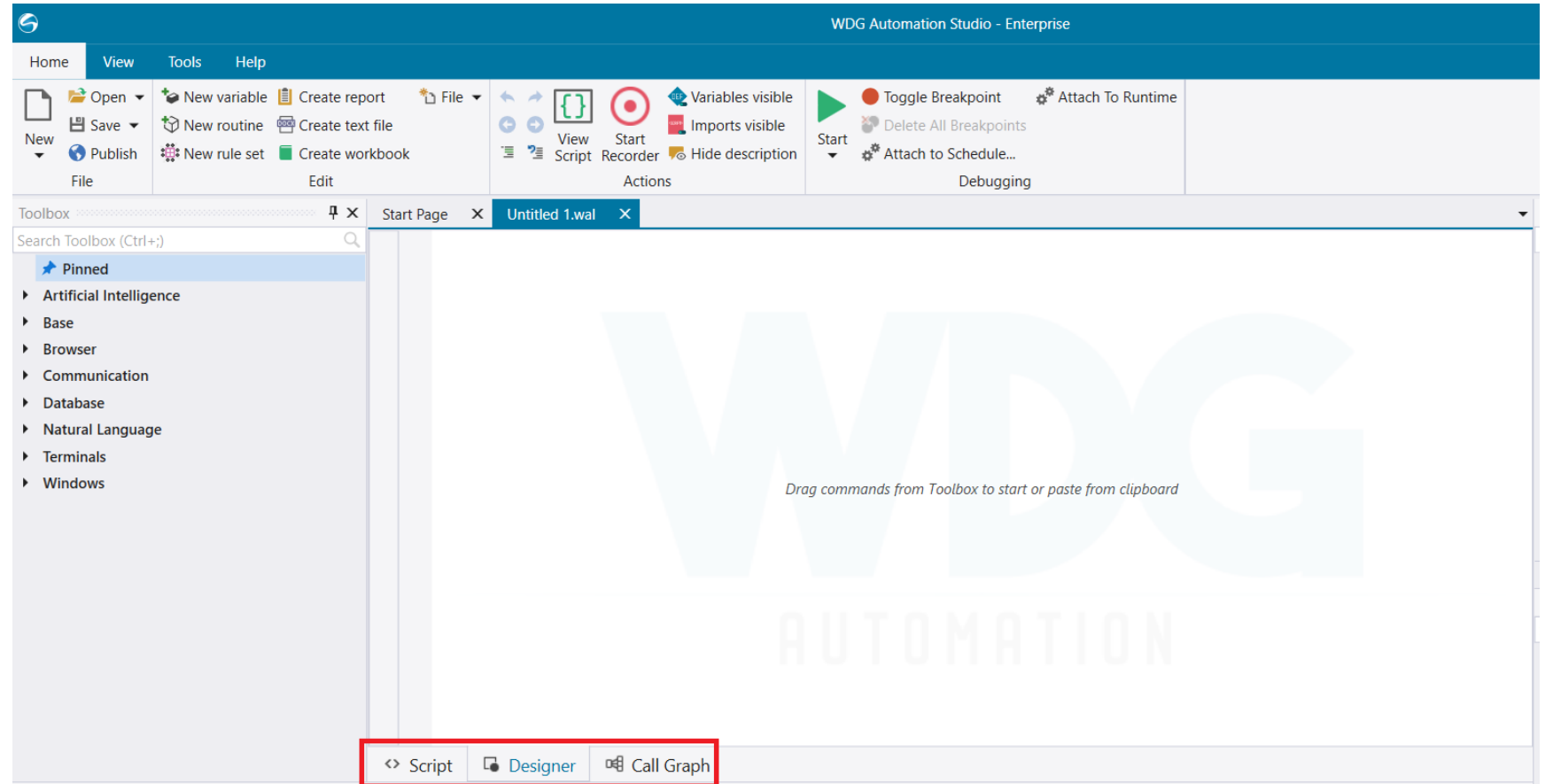
- Select "WAL File" and click Open.



# Lab 1 – Create a new automation

You should now have your Studio opened with an empty WAL file in your Designer view.

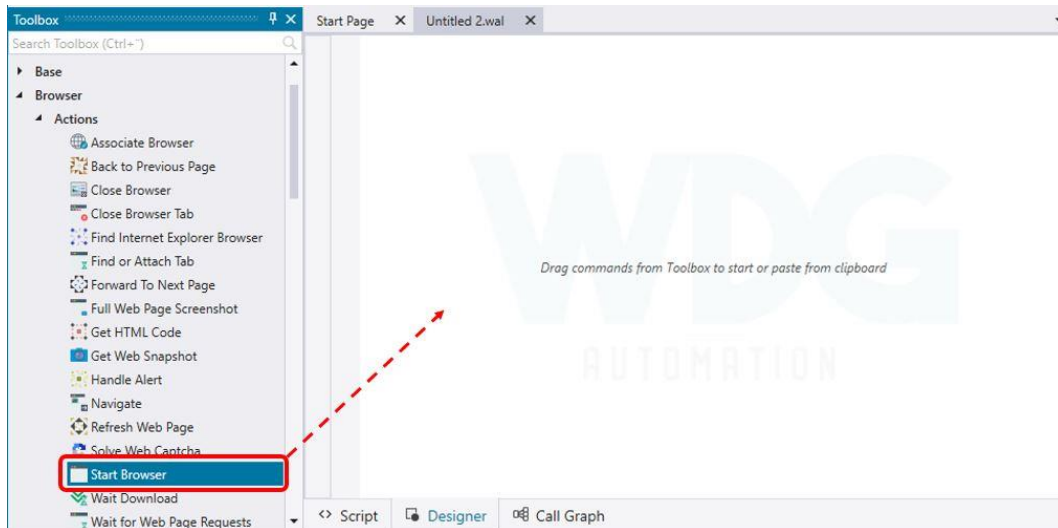
- You can change your view between *Script*, *Designer* and *Call Graph*.



# Lab 1 – Script

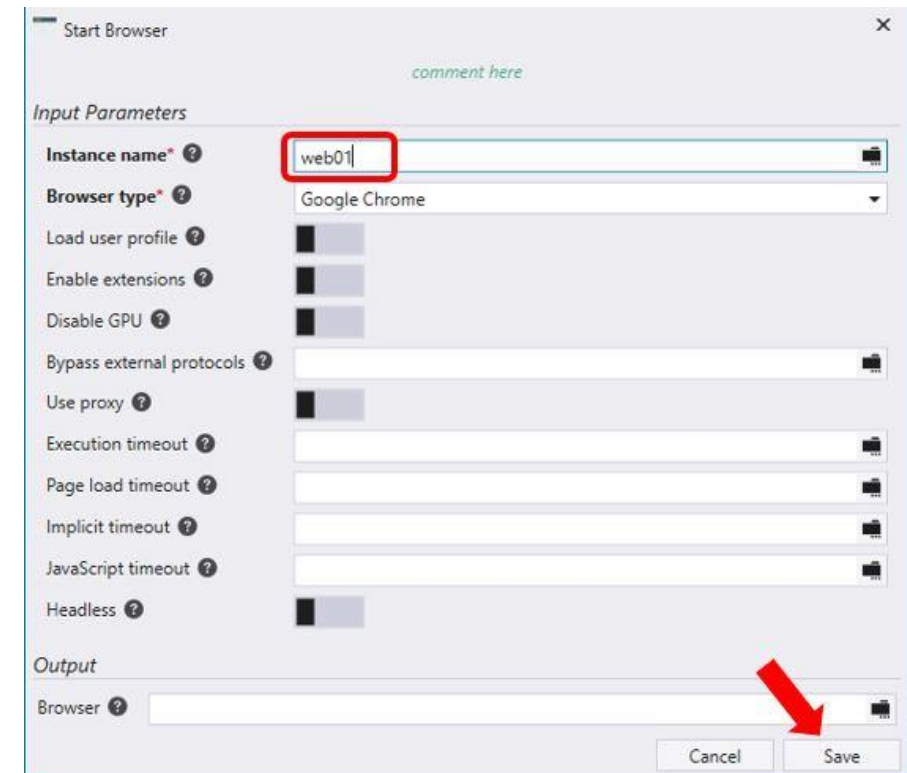
**Add Start Browser command from your Toolbox to your Designer view.**

- Find the command under Browser > Actions.
- Drag and drop it to your canvas.



**Fill in the command configuration.**

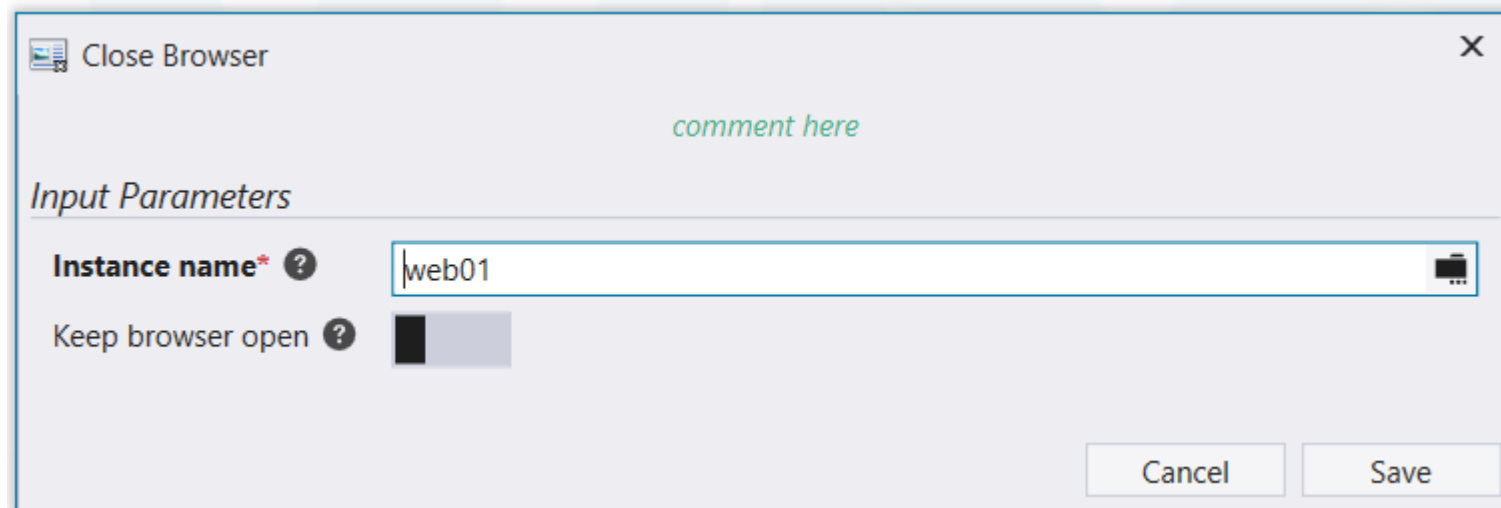
- Set a name to your browser instance: web01
- Browser type: Google Chrome
- Click Save button.



# Lab 1 – Script

## Close Browser configuration window

- This should pop up automatically
- Set the same instance name value that you used for Start Browser
- Set Keep browser open as disabled.
- Click Save button to close the configuration window.

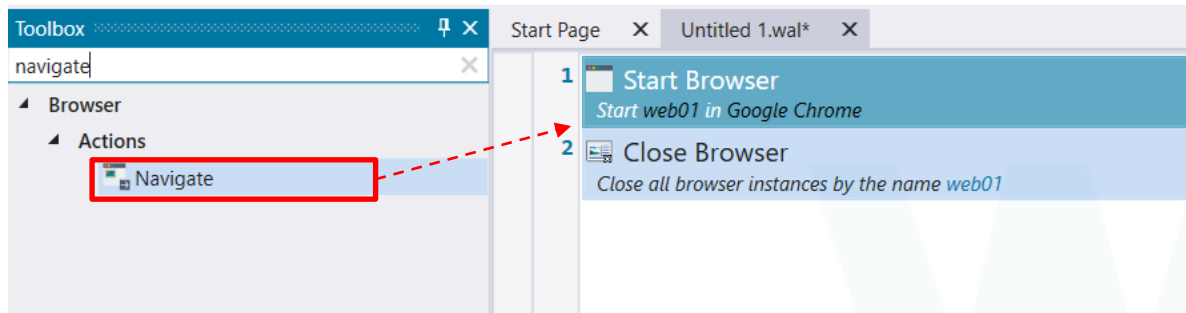


The image shows a 'Close Browser' configuration window. The title bar says 'Close Browser' with a close button (X) in the top right corner. Below the title bar, there is a green italicized text 'comment here'. Underneath, the section 'Input Parameters' is displayed. It contains two fields: 'Instance name\*' with a question mark icon, where 'web01' is entered in the text box; and 'Keep browser open' with a question mark icon, which is a disabled checkbox. At the bottom right, there are 'Cancel' and 'Save' buttons.

# Lab 1 – Script

## Add in command **Navigate** after **Start Browser**.

- Search **Navigate** in command Toolbox.
- Drag and drop it below the Start Browser command to your Designer view.
- Set the URL to **<https://s.surveyplanet.com/ktxwh3t4>**
- Click Save to save the command

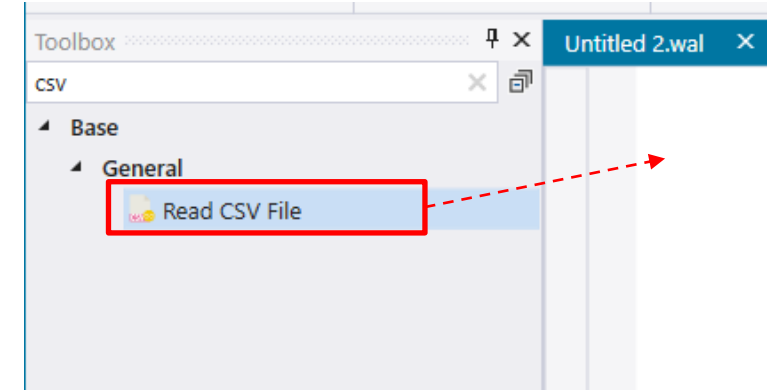




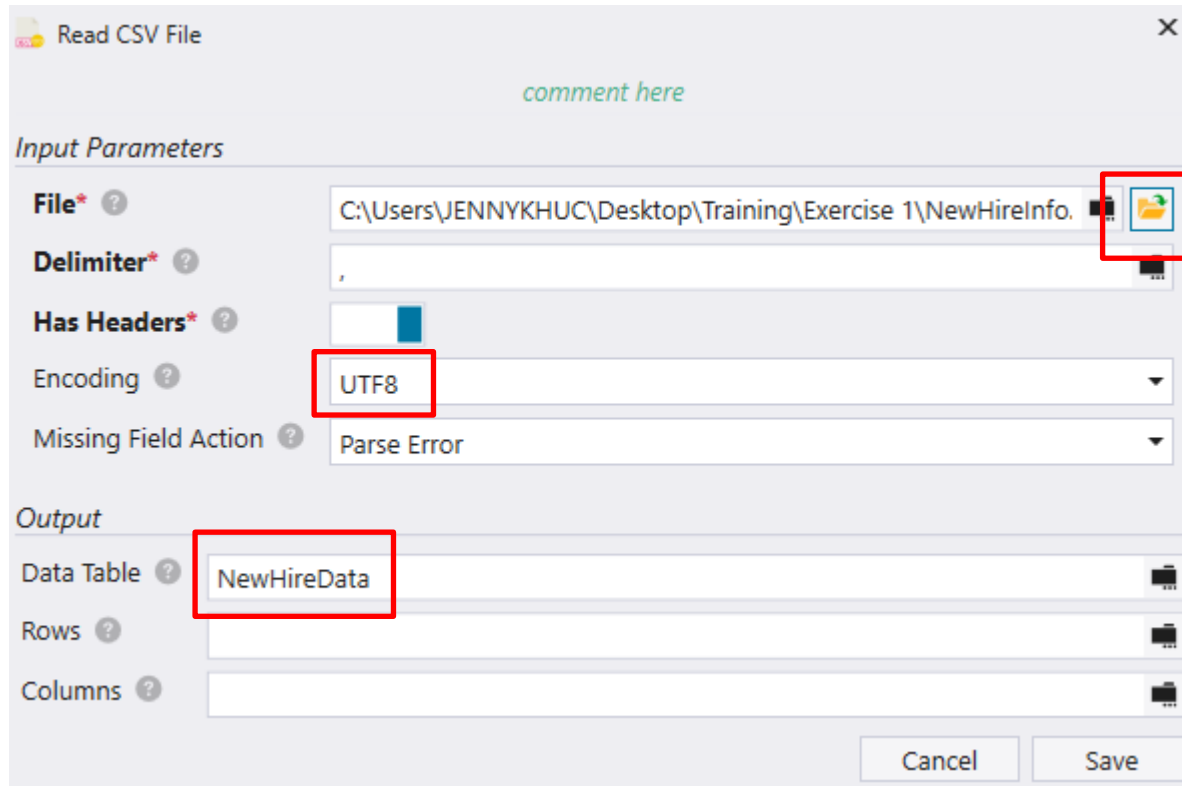
# Lab 1 – Script

## Read from CSV file

- 1. Search for **Read CSV File** command in Toolbox.
- 2. Specify the location of the CSV file
- 3. Create a new variable to store the data table extracted from the CSV



1. Drag command from Toolbox



2. Click to specify location of file

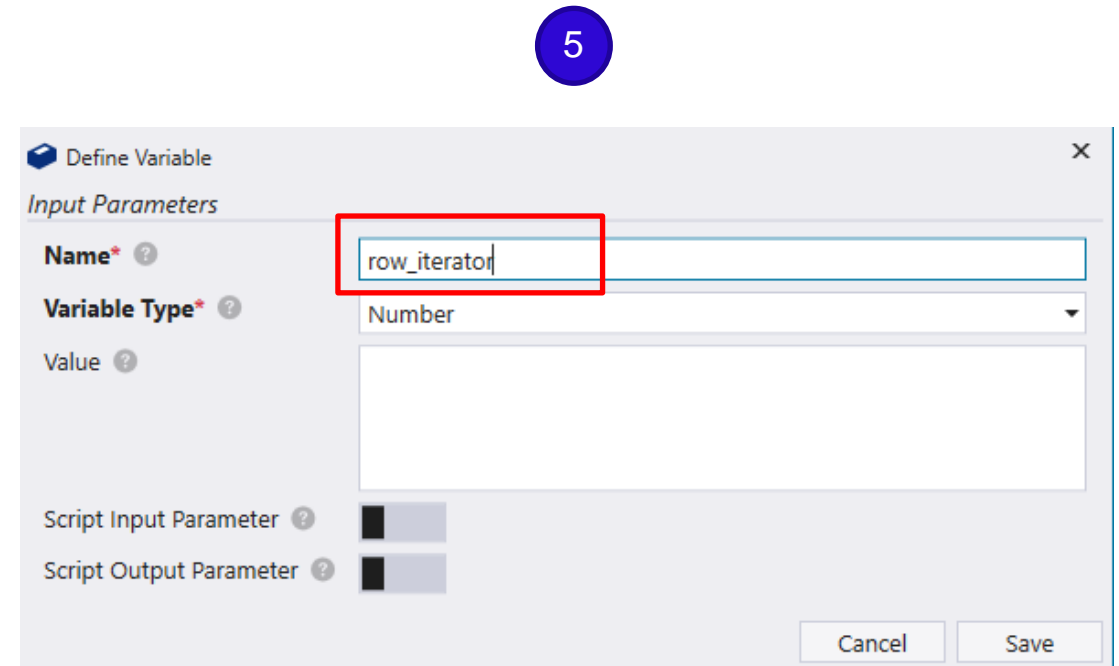
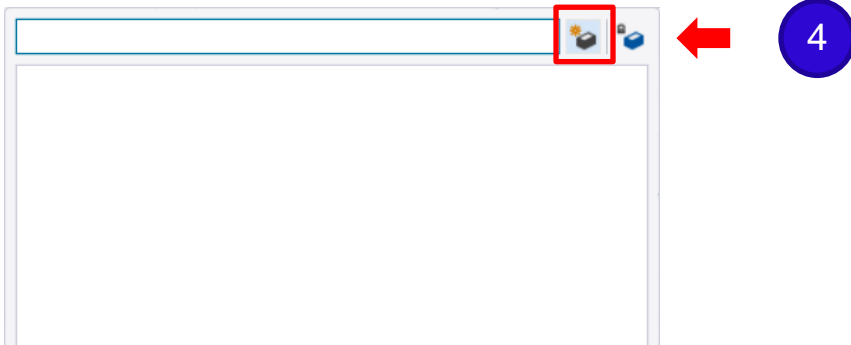
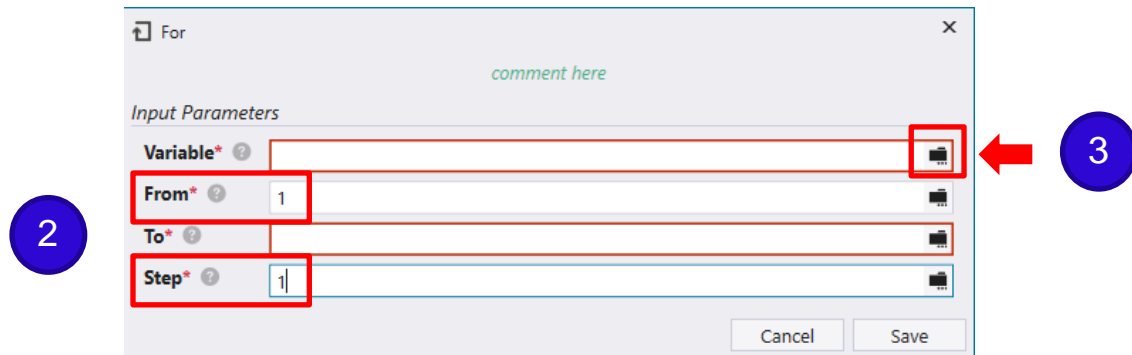
(Optional) Specify Encoding as UTF8

3. Choose a name for the data table

# Lab 1 – Script

## Insert a For loop

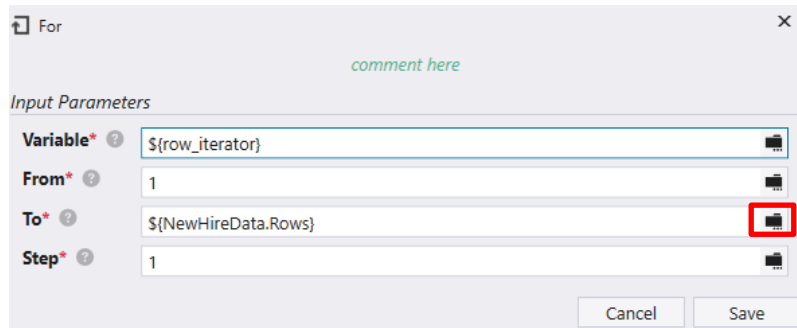
- 1. Search **For** in the command toolbox and drag the command over to Script
- 2. Set From and Step to '1'
- 3-5: Create a new variable row\_iterator to iterate the table



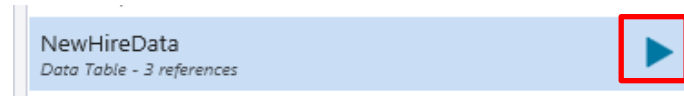
# Lab 1 – Script

## Insert a For loop

- 6. Set To to the value of number of rows in the csv datatable following the steps below.
- This means the loop will run till the last row of the HireInfo table.

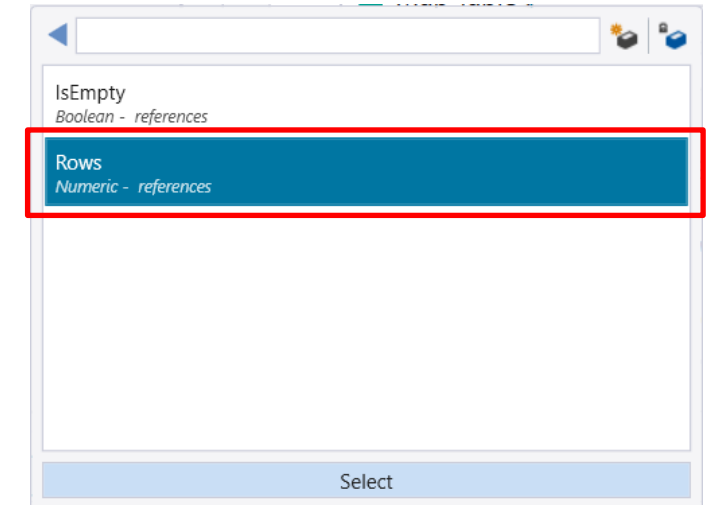


The 'For' loop configuration dialog box is shown. It has a title bar 'For' and a close button. Below the title bar is a green text label 'comment here'. Under the 'Input Parameters' section, there are four fields: 'Variable' with the value '\${row\_iterator}', 'From' with the value '1', 'To' with the value '\${NewHireData.Rows}', and 'Step' with the value '1'. Each field has a small icon to its right. A red box highlights the 'To' field's icon. A red arrow points from this icon to the 'NewHireData' data table in the next screenshot.



The 'NewHireData' data table is shown. It is a blue bar with the text 'NewHireData' and 'Data Table - 3 references' below it. A red box highlights a blue play button icon on the right side of the bar. A red arrow points from this icon to the 'Rows' property in the next screenshot.

Click

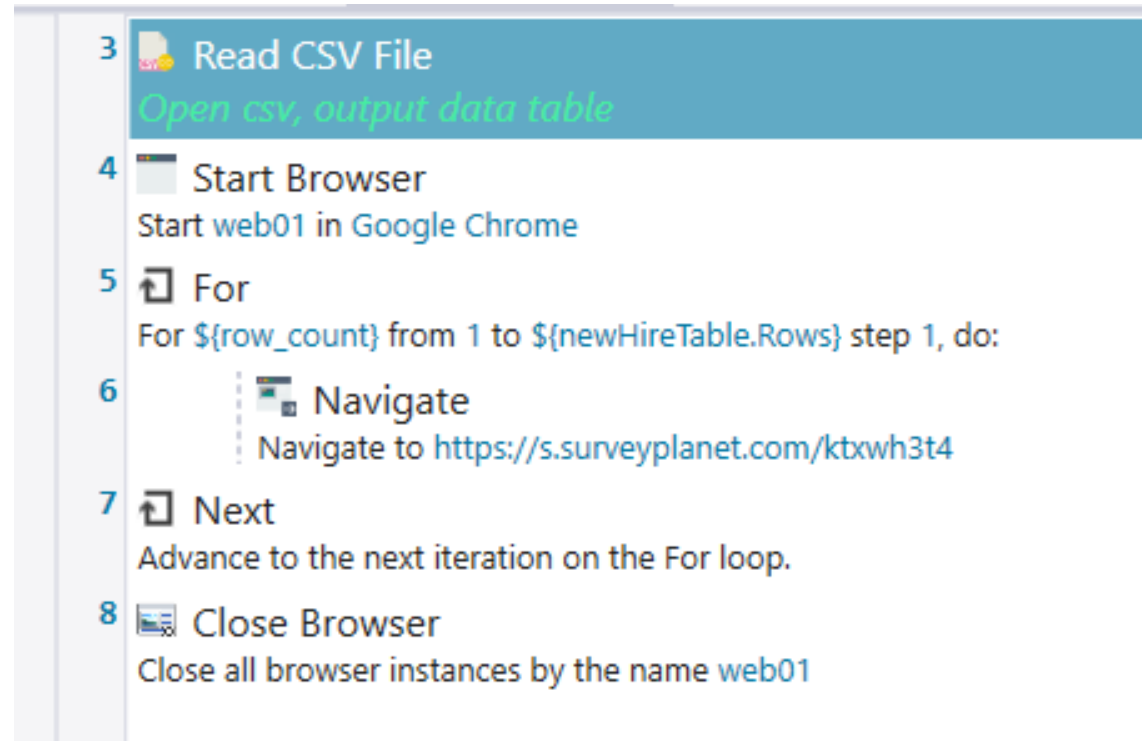


The 'Properties' window is shown. It has a search bar at the top. Below it, there are two properties: 'IsEmpty' (Boolean - references) and 'Rows' (Numeric - references). The 'Rows' property is highlighted with a red box. A 'Select' button is at the bottom of the window.

# Lab 1 – Script

## Organize the command order

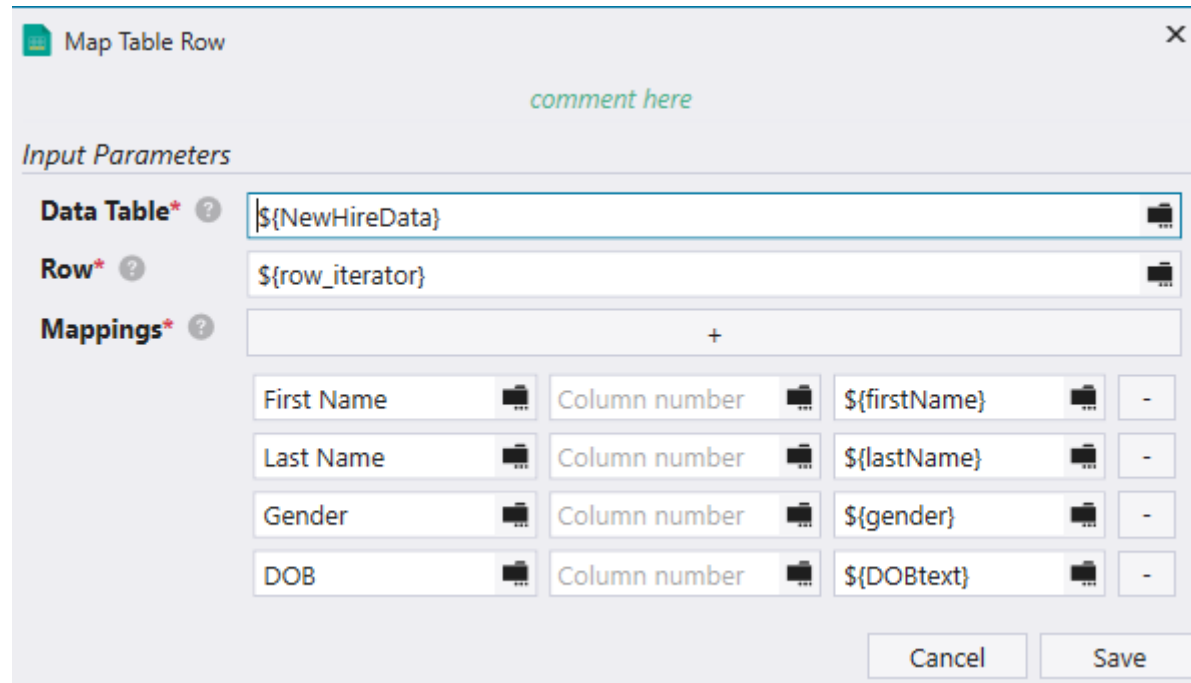
- You may drag and drop the command around to reorganize their order



# Lab 1 – Script

## Map Table Row

- Specify the data table and the row for each mapping
- Click the plus sign to add mapping
- You may use either column name (careful on spelling) or column number to map the value in the csv data table to 4 new variables for inserting into survey app later



The screenshot shows the 'Map Table Row' dialog box. It has a title bar with a close button. Below the title bar is a green text label 'comment here'. The 'Input Parameters' section contains three fields: 'Data Table\*' with the value '\${NewHireData}', 'Row\*' with the value '\${row\_iterator}', and 'Mappings\*' which is currently empty and shows a plus sign. Below the 'Mappings\*' field is a table with four rows of mappings. Each row has four columns: a text input for the source, a dropdown for 'Column number', a text input for the target variable, and a dropdown for the mapping type. The mappings are: First Name to \${firstName}, Last Name to \${lastName}, Gender to \${gender}, and DOB to \${DOBtext}. At the bottom right are 'Cancel' and 'Save' buttons.

Source	Column number	Target	Mapping
First Name	Column number	\${firstName}	-
Last Name	Column number	\${lastName}	-
Gender	Column number	\${gender}	-
DOB	Column number	\${DOBtext}	-

# Lab 1 – Script

## Map Table Row

- Take note that you need to create a new variable for each of these field (similar to steps we did in page 11)

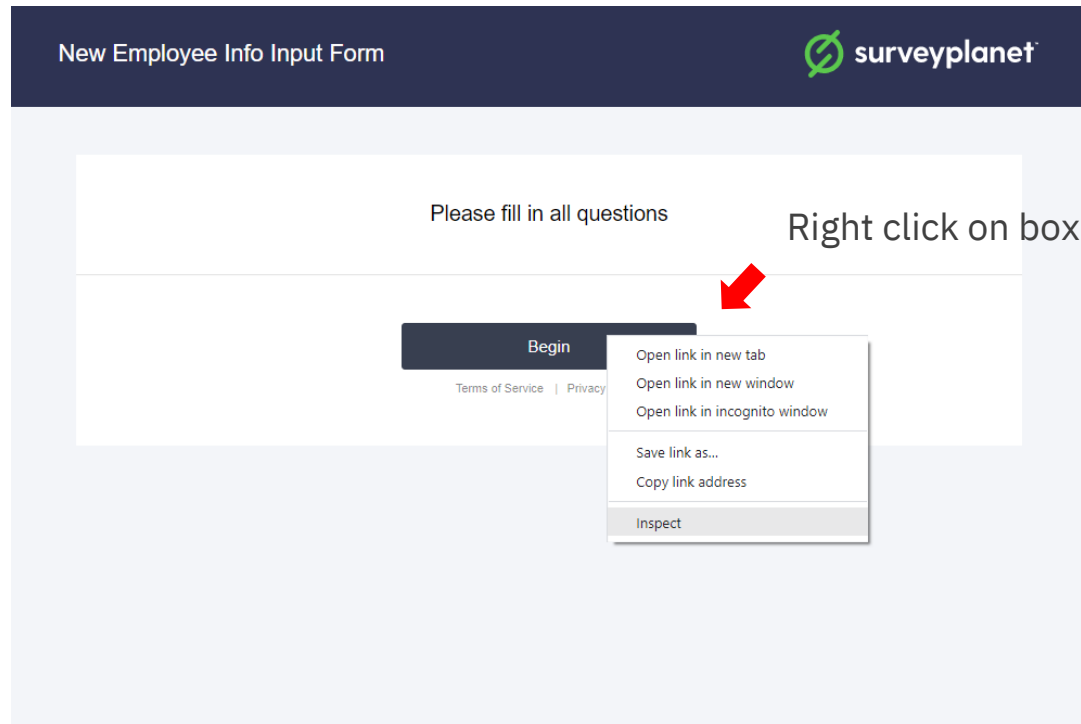
The screenshot shows the 'Map Table Row' dialog box. It has a title bar with a close button. Below the title bar is a green text label 'comment here'. The 'Input Parameters' section contains three fields: 'Data Table\*' with the value '\${NewHireData}', 'Row\*' with the value '\${row\_iterator}', and 'Mappings\*' which is empty. Below the 'Mappings\*' field is a table with four rows. Each row has four columns: a text field, a small icon, a 'Column number' text field, another small icon, a variable assignment text field, and a small icon. The variable assignments are: '\${firstName}', '\${lastName}', '\${gender}', and '\${DOBtext}'. A red rectangle highlights these four rows. At the bottom right are 'Cancel' and 'Save' buttons.

Field	Column number	Variable
First Name		<code>\${firstName}</code>
Last Name		<code>\${lastName}</code>
Gender		<code>\${gender}</code>
DOB		<code>\${DOBtext}</code>

# Lab 1 – Script

## Set the value in survey input box for First Name and Last Name

- Now open a Chrome browser (Outside of studio) & Go to the survey link: <https://s.surveyplanet.com/ktxwh3t4>
- Copy selector for the Begin survey start button
  - Right click on the button > Choose Inspect



Emoji	Win+Period
Undo	Ctrl+Z
Redo	Ctrl+Shift+Z
Cut	Ctrl+X
Copy	Ctrl+C
Paste	Ctrl+V
Paste as plain text	Ctrl+Shift+V
Select all	Ctrl+A
Spell check	▶
Writing Direction	▶
Get image descriptions from Google	▶
Inspect	Ctrl+Shift+I

# Lab 1 – Script

New Employee Info Input Form

Please fill in all questions

[a#begin-button.button.accent 250 x 39.99](#)

Begin

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1. Right click

2. Copy

3. Copy full XPath

```
<!DOCTYPE html>
<html class="chrome101" lang="en">
<head>...</head>
<body class="multiple" id="survey">
  <div id="survey-container">
    <header id="survey-header" style="opacity: 1;">...</header>
    <div id="survey-welcome" class="question clearfix" style="display: block; position: absolute; 1
      opacity: 1;">
      ::before
      <header id="welcome-header">...</header>
      <hgroup>...</hgroup>
      <footer id="welcome-footer" class="clearfix">
        ::before
        <nav class="question-nav">
          <ul>
            <li>
              <a href="#" id="begin-button" class="
            </li>
          </ul>
        </nav>
        <nav id="welcome-footer-links" class="cl
          ::after
        </footer>
        ::after
      </div>
    </div>
    <ul class="ajax-loader out" id="loader" style=
    <p class="contact-link hidden" style="position
      e: 10px">...</p>
  </body>
</html>
```

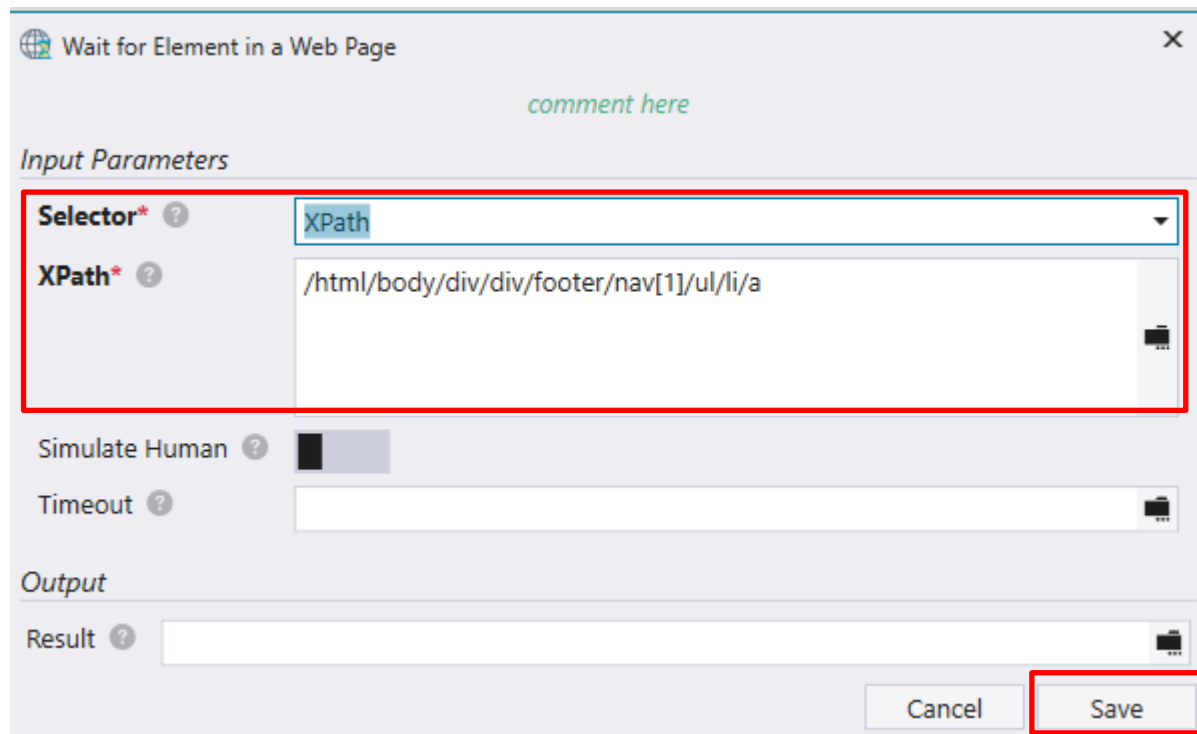
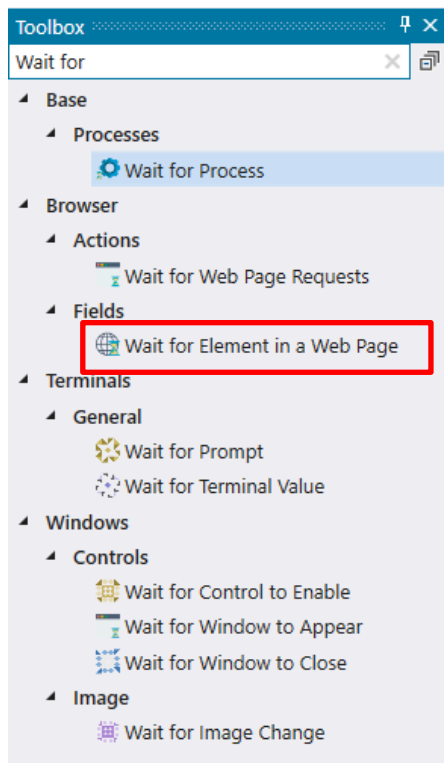
Copy element  
Copy outerHTML  
Copy selector  
Copy JS path  
Copy styles  
Copy XPath  
Copy full XPath



# Lab 1 – Script

**Before clicking the button, the bot should make sure the button is visible/ready**

- After copying the selector of the button, go back to RPA Studio, search for **Wait for Element in Web Page** command in Command Toolbox and drag it over to Script
- Choose **Xpath** for Selector Type
- Choose the appropriate selector type (Xpath) & Paste the copied button selector to the input



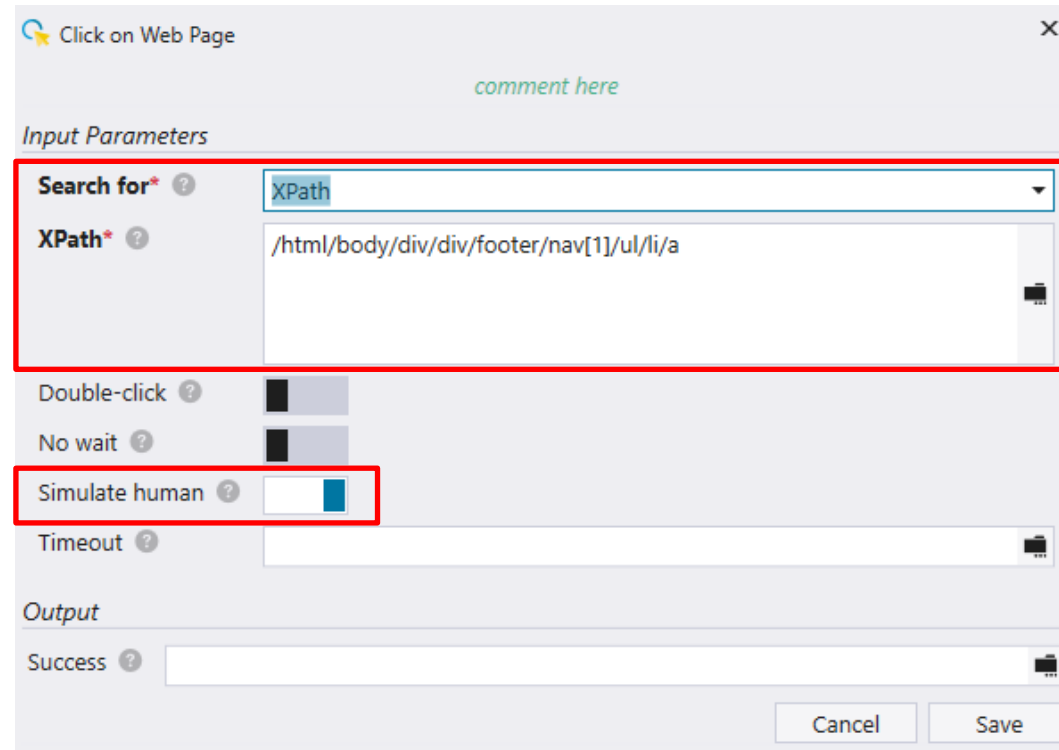
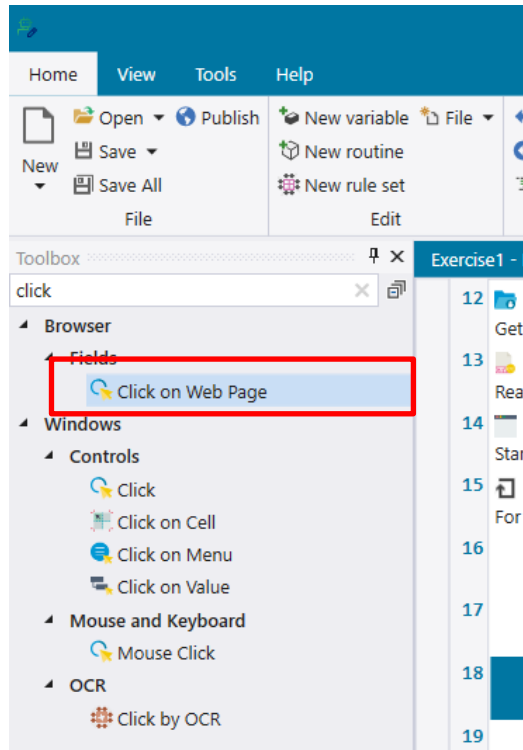
Paste  
button  
selector  
here

# Lab 1 – Script

## Add Click on Web Page

- Search for **Click on Web Page** command in the command Toolbox
- Paste the selector value copied into the Xpath box > Save

Note that for Click and Set Value to web form, we usually switch on 'Simulate human' mode

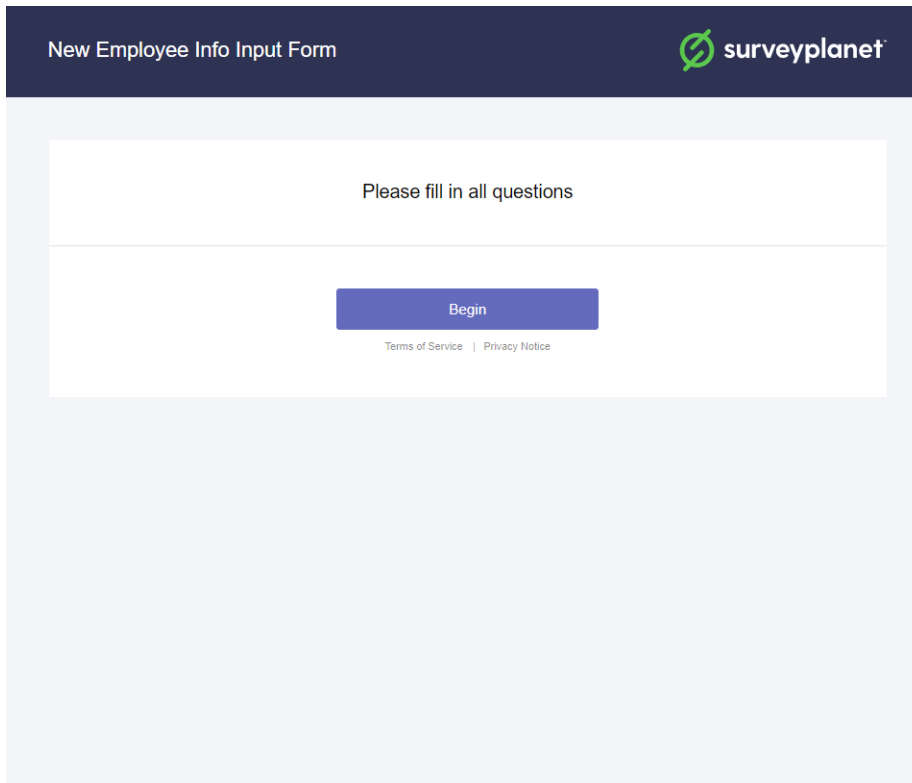


Paste the  
same  
button  
selector  
here

# Lab 1 – Script

## Copy selector for the first input field Full Name

- Go back to the Chrome web browser & Click Begin to go to the next page
- Copy selector for the input box for Full Name



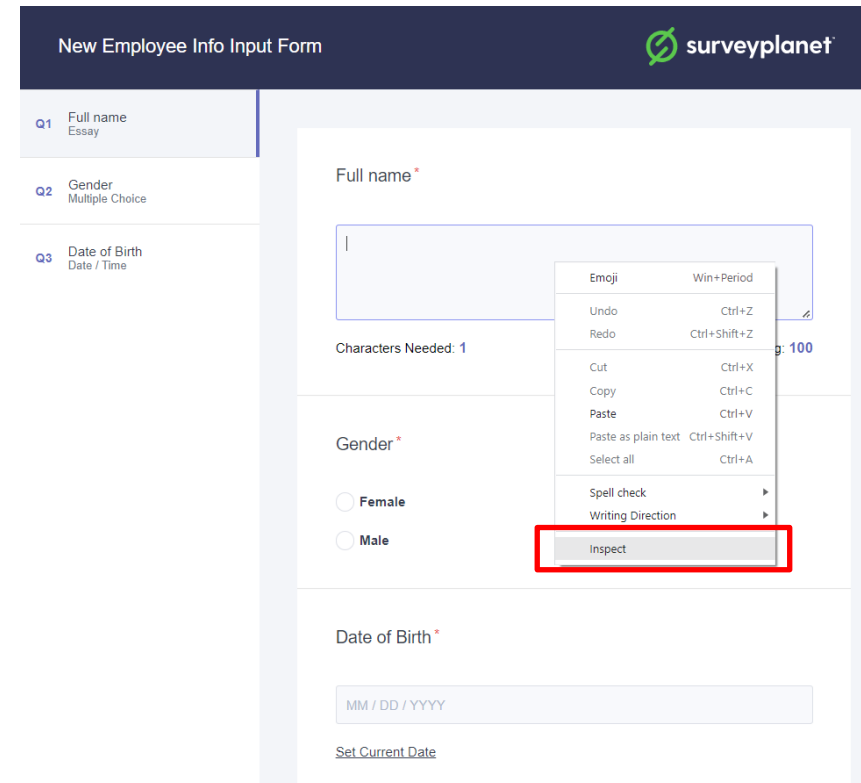
New Employee Info Input Form

surveyplanet

Please fill in all questions

Begin

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New Employee Info Input Form

surveyplanet

Q1 Full name  
Essay

Q2 Gender  
Multiple Choice

Q3 Date of Birth  
Date / Time

Full name \*

Characters Needed: 1

Gender \*

☐ Female

☐ Male

Date of Birth \*


MM / DD / YYYY

[Set Current Date](#)

Inspect

# Lab 1 – Script

## New Employee Info Input Form

 surveyplanet

**Q1** Full name  
Essay

**Q2** Gender  
Multiple Choice

**Q3** Date of Birth  
Date / Time

Full name \*

textarea#627a469e15ad8d45d61af41f 499.18 × 100

1. Right click here to edit question

Characters Needed: 1 Characters Remaining: 100

---

Gender \*

☐ Female

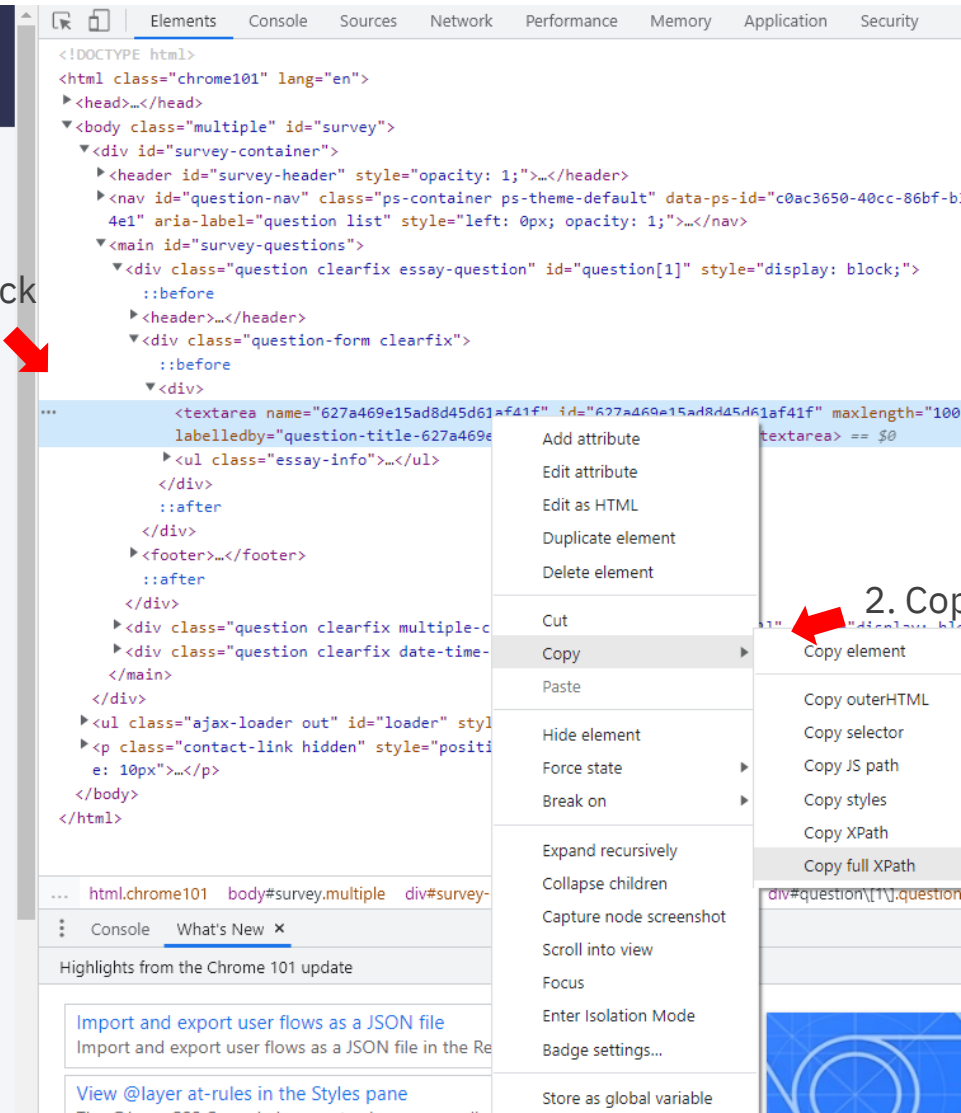
☐ Male

---

Date of Birth \*

MM / DD / YYYY

[Set Current Date](#)



## 2. Copy

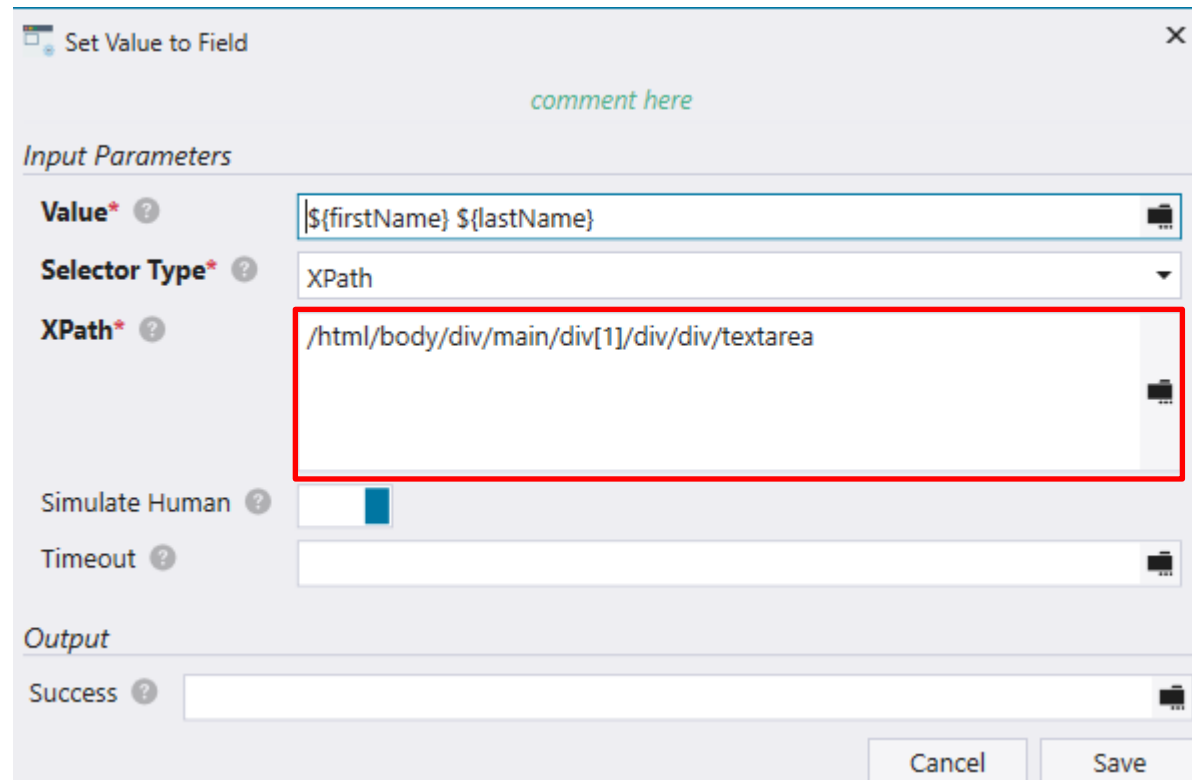
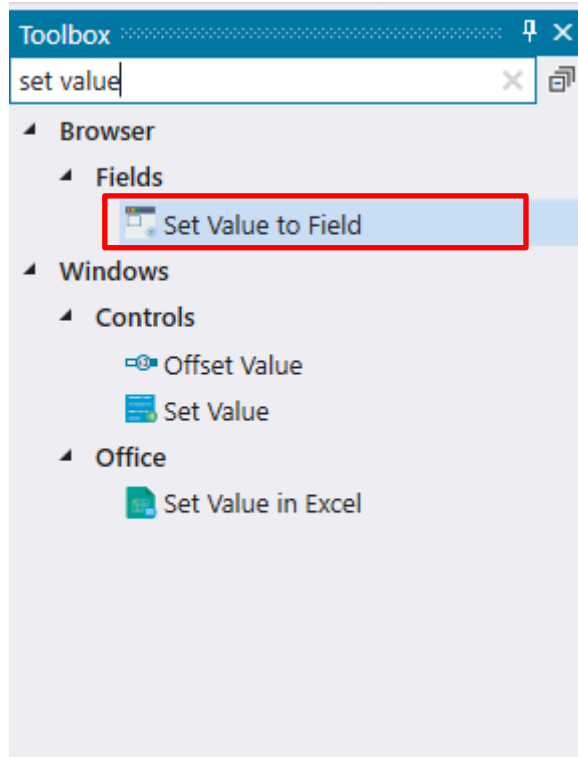
### 3. Copy full Xpath



# Lab 1 – Script

## Set the value in survey input box for FullName

- Search for **Set Value to Field** command in Command Toolbox and drag it over to Script
- Choose **Xpath** for Selector Type
- Paste the selector value copied into the Xpath box > Save

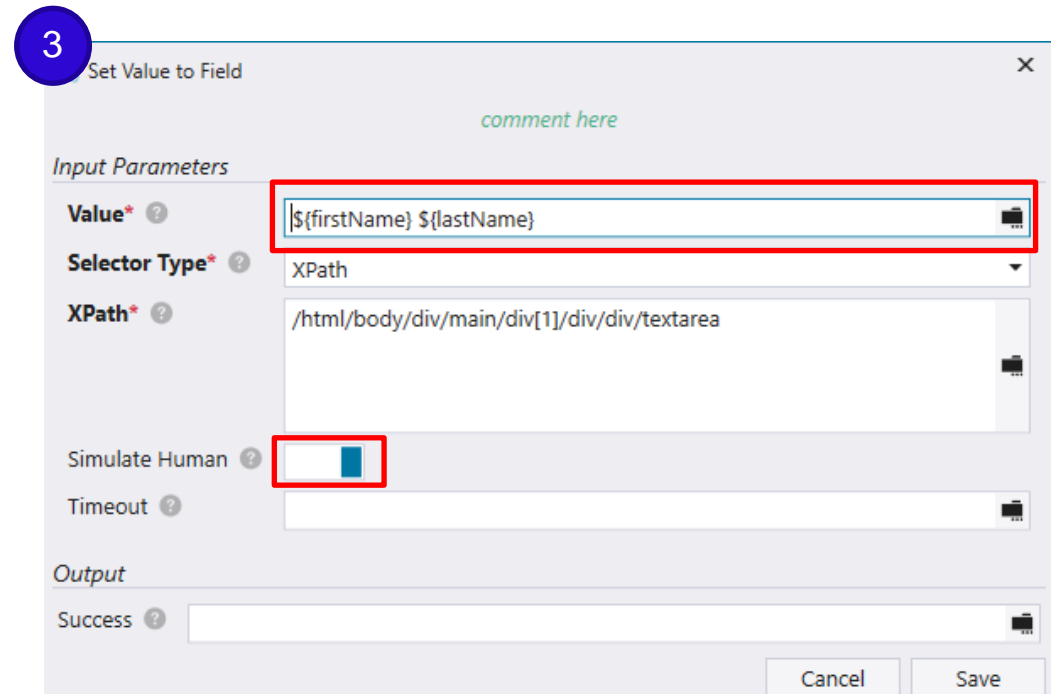
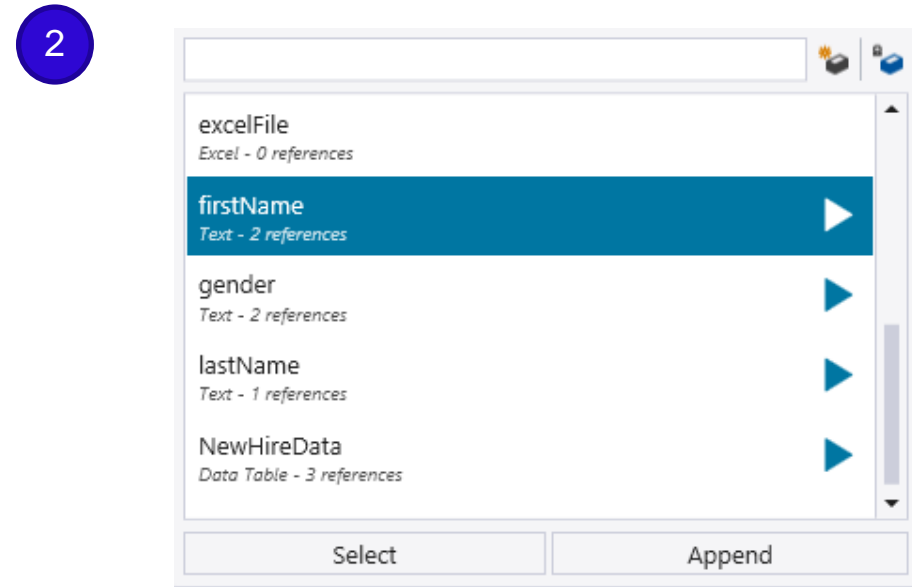
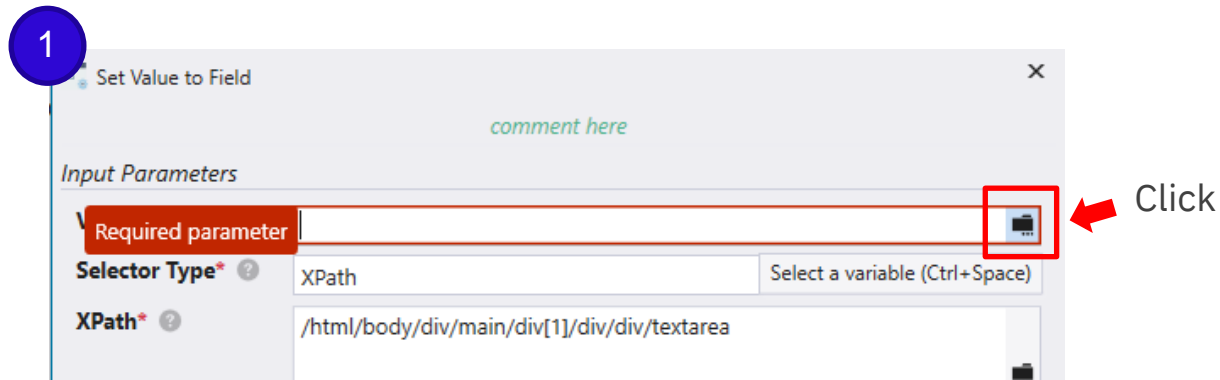


Paste selector here

# Lab 1 – Script

## Set the value in survey input box for FullName

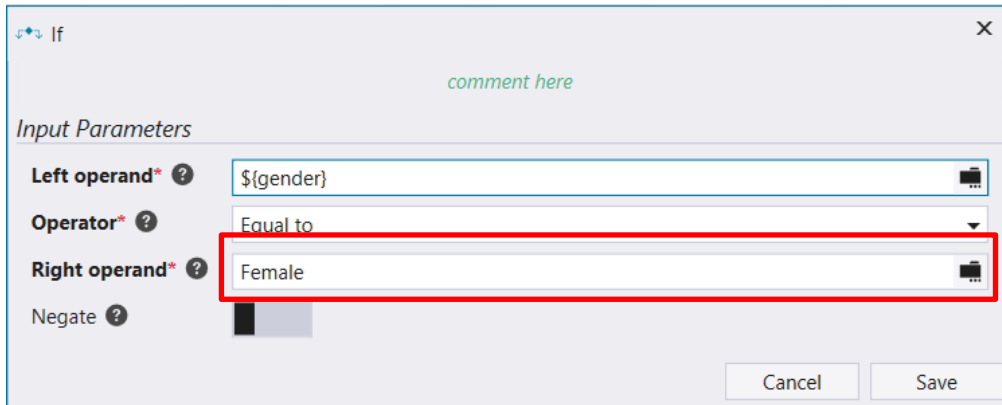
1. For the Value, click on *select variable* button
2. Click on firstName, and then Append lastName
3. Add a space in between the two variables



# Lab 1 – Script

## Insert If condition

- For the gender, we need to compare variable value and decide which radio option to select
- Search for the If command in Toolbox & change Right operand to 'Female'
- Do the same for the condition if  $\${gender} = Male$  (you may add another If command or add an Else/ Else If command in between the If/End If condition)
- The script should look like the below



```
20 If
21   If ${gender} is Equal to Female, then
22   End If
23   End a If command block.
```

OR

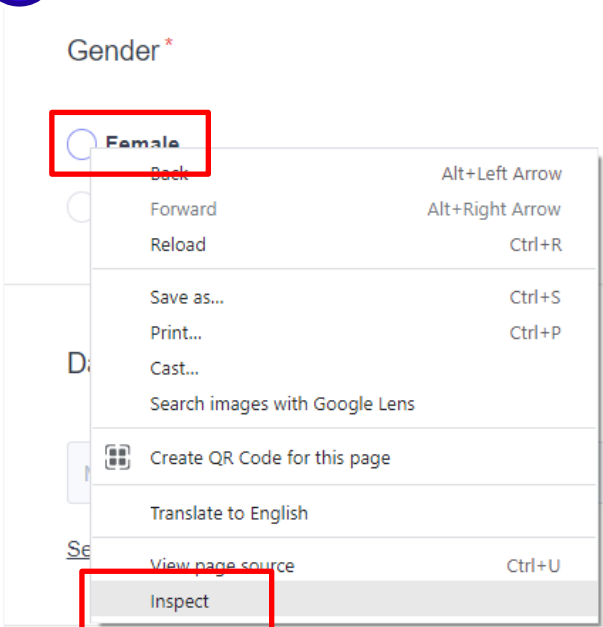
```
20 If
21   If ${gender} is Equal to Female, then
22   Else
23     Define a command block executed when the If condition is not met.
24   End If
25 End If
26 End a If command block.
```

# Lab 1 – Script

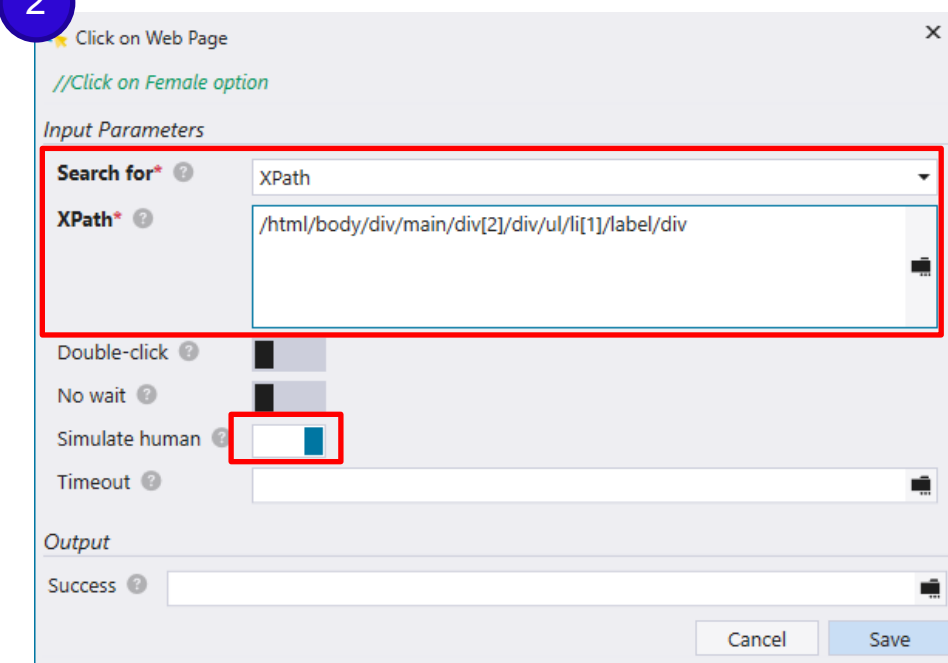
## Add Click on Web Page

- Copy the selector for each 'Female'/'Male' radio option
- Find **Click on Web Page** command and insert the selector (similar to the Begin click that we did at the beginning)
- Make sure that the Click commands are inserted in between the If/End If or Else/End If command line like below


1



2



3





# Lab 1 – Script

## Set Date value to Date of Birth survey box

- This is slightly trickier, as the value we extract from CSV is currently in a different date format
- Use command **Convert Text to Date Time** to convert the csv text to date time
- Then use another command **Convert Date Time to Text** to convert the date back to the required format in the web form.

Date of Birth \*

MM / DD / YYYY

[Set Current Date](#)

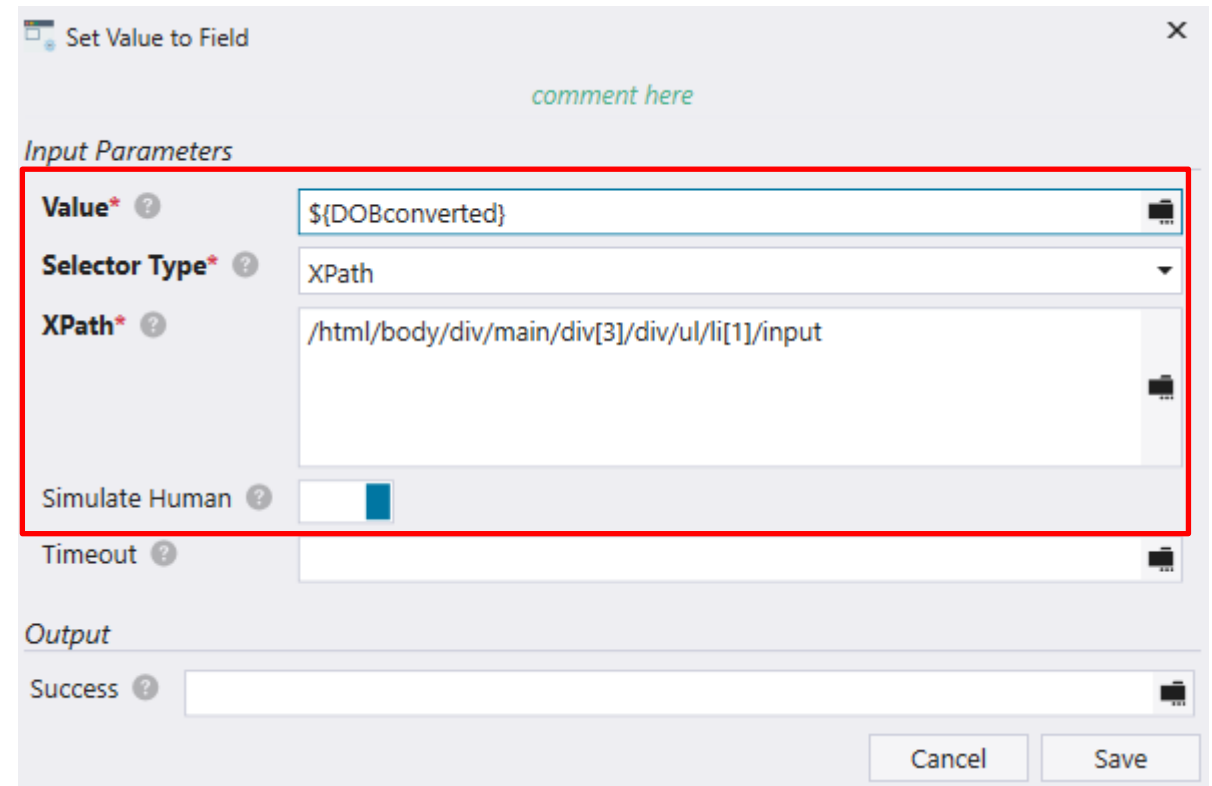
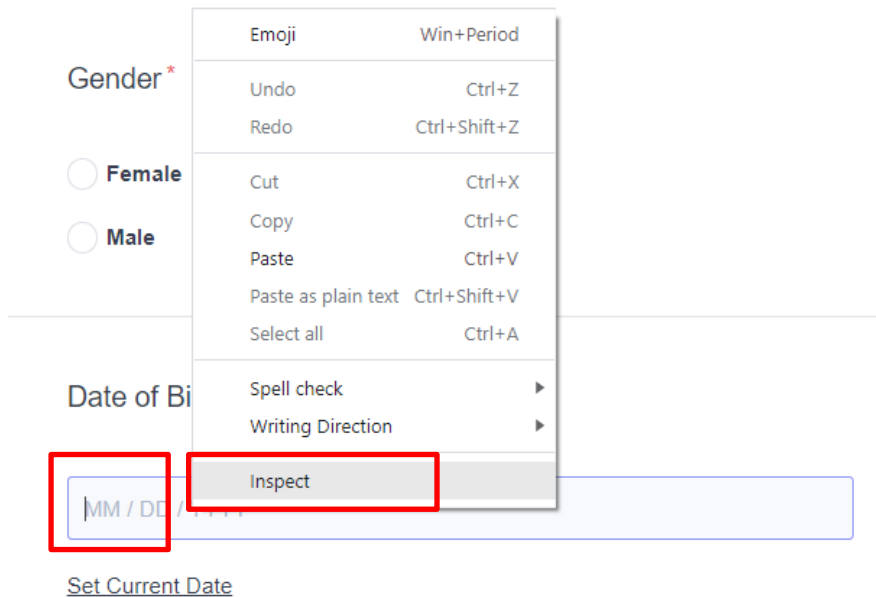
The screenshot shows the 'Convert Text to Date Time' dialog box. It has a title bar with a close button. Below the title bar is a green text prompt 'comment here'. The 'Input Parameters' section contains a 'Language' dropdown set to 'en-US' and a 'Text to convert' field containing the text '\${DOBtext}', which is highlighted with a red rectangle. There is also a 'Use custom date format' checkbox which is unchecked. The 'Output' section contains a 'Date Time' field set to 'DOBdatetime', also highlighted with a red rectangle. At the bottom are 'Cancel' and 'Save' buttons.

The screenshot shows the 'Convert Date Time to Text' dialog box. It has a title bar with a close button. Below the title bar is a green text prompt 'comment here'. The 'Input Parameters' section contains a 'Language' dropdown set to 'en-US', a 'Date' field containing the text '\${DOBdatetime}' (highlighted with a red rectangle), a 'Use custom format' checkbox which is checked, and a 'Format' field containing the text 'MM/dd/yyyy' (highlighted with a red rectangle). The 'Output' section contains a 'Text' field set to 'DOBconverted' (highlighted with a red rectangle). At the bottom are 'Cancel' and 'Save' buttons.

# Lab 1 – Script

## Set the value in survey input box for FullName

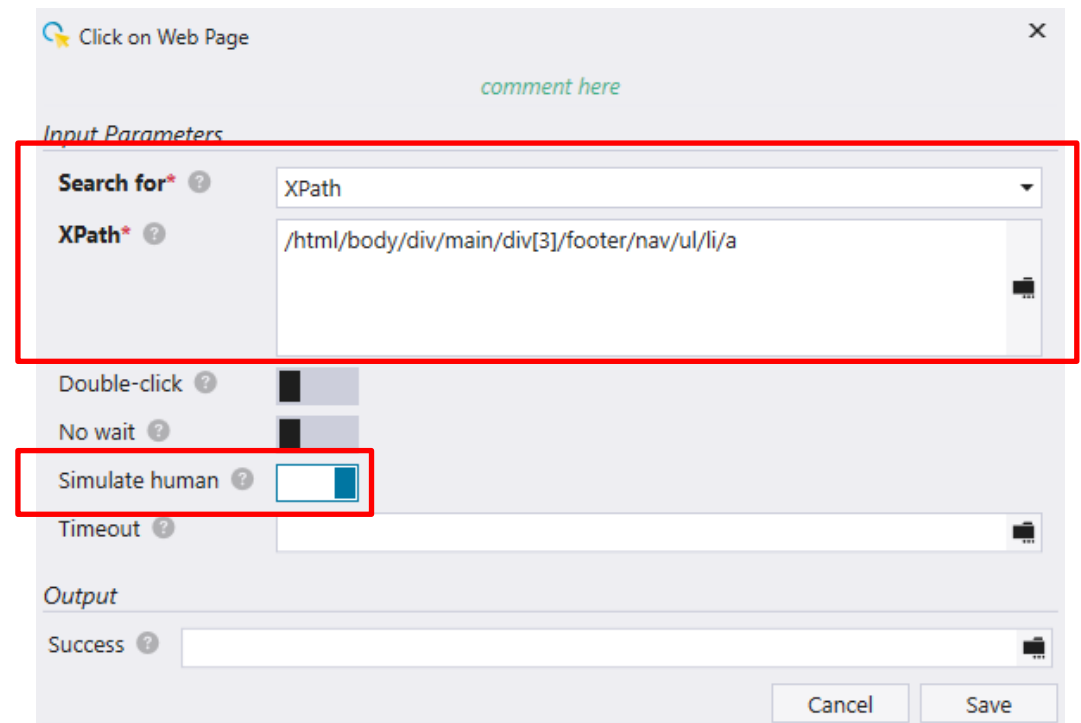
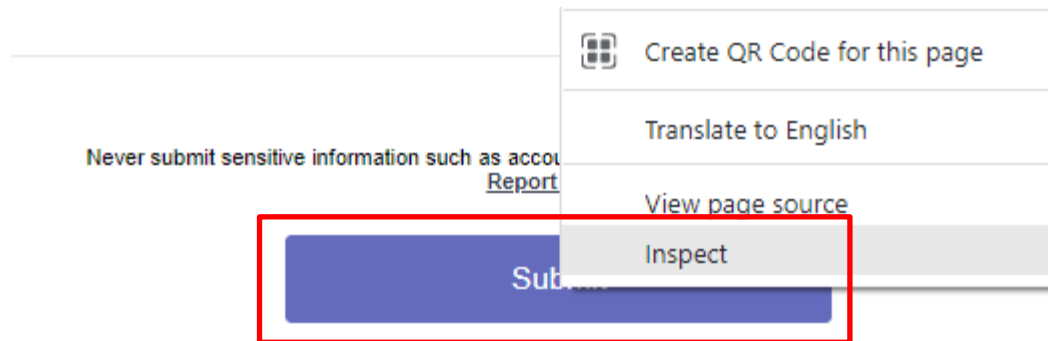
- Copy selector for the Date of Birth field
- Search for **Set Value to Field** command again and add it to Script



# Lab 1 – Script

## Click Submit button

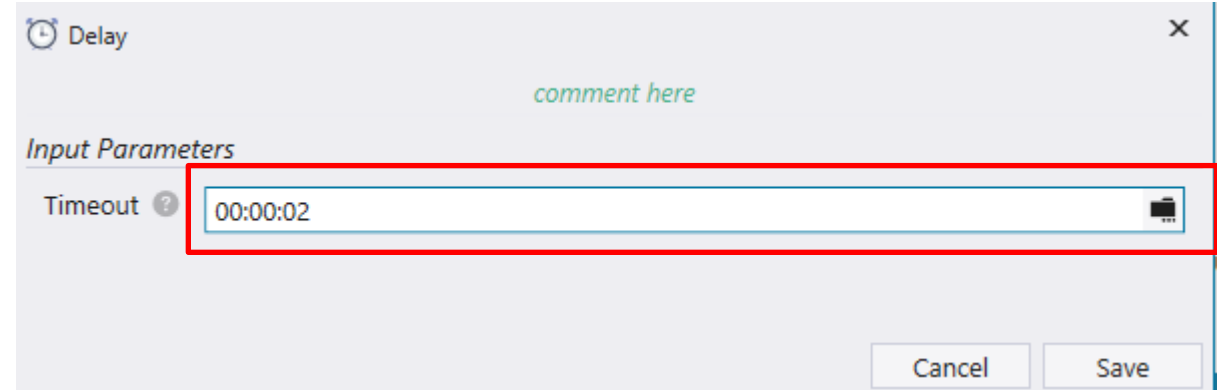
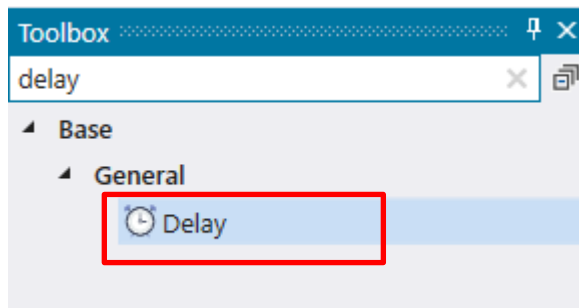
- Copy Selector for the Submit button in the web form
- Add one last **Click on Web Page** command and paste the selector copied



# Lab 1 – Script

**Add delay/wait command to ensure form submission will be completed before the bot loop to next entry**

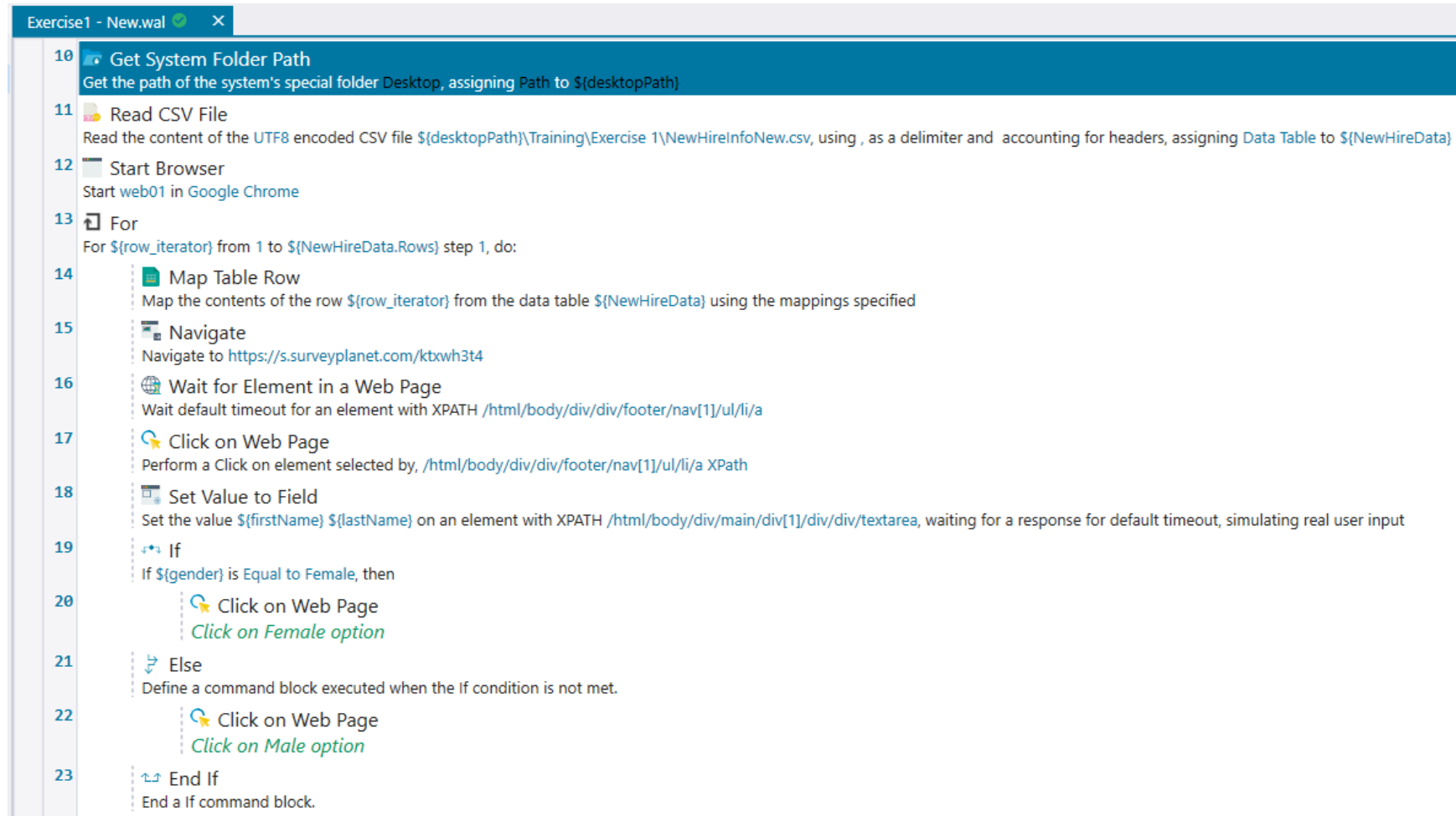
- Search for **Delay** command. Add a delay of 00:00:02 (2 seconds)
- This command will ensure the bot will wait for the page to finish loading before continue to next action.
- The script is now completed.



# Lab 1 – Script

## Debugging

- For the last step, let's check through the order of the command



The screenshot displays a Selenium WebDriver script in a code editor window titled "Exercise1 - New.wal". The script consists of the following steps:






- 10 Get System Folder Path**  
Get the path of the system's special folder Desktop, assigning Path to `$(desktopPath)`
- 11 Read CSV File**  
Read the content of the UTF8 encoded CSV file `$(desktopPath)\Training\Exercise 1\NewHireInfoNew.csv`, using , as a delimiter and accounting for headers, assigning Data Table to `$(NewHireData)`
- 12 Start Browser**  
Start web01 in Google Chrome
- 13 For**  
For `$(row_iterator)` from 1 to `$(NewHireData.Rows)` step 1, do:
  - 14 Map Table Row**  
Map the contents of the row `$(row_iterator)` from the data table `$(NewHireData)` using the mappings specified
  - 15 Navigate**  
Navigate to `https://s.surveyplanet.com/ktxwh3t4`
  - 16 Wait for Element in a Web Page**  
Wait default timeout for an element with XPath `/html/body/div/div/footer/nav[1]/ul/li/a`
  - 17 Click on Web Page**  
Perform a Click on element selected by, `/html/body/div/div/footer/nav[1]/ul/li/a` XPath
  - 18 Set Value to Field**  
Set the value `$(firstName) $(lastName)` on an element with XPath `/html/body/div/main/div[1]/div/div/textarea`, waiting for a response for default timeout, simulating real user input
  - 19 If**  
If `$(gender)` is Equal to Female, then
    - 20 Click on Web Page**  
*Click on Female option*
    - 21 Else**  
Define a command block executed when the If condition is not met.
      - 22 Click on Web Page**  
*Click on Male option*
  - 23 End If**  
End a If command block.



# Lab 1 – Script

## Debugging

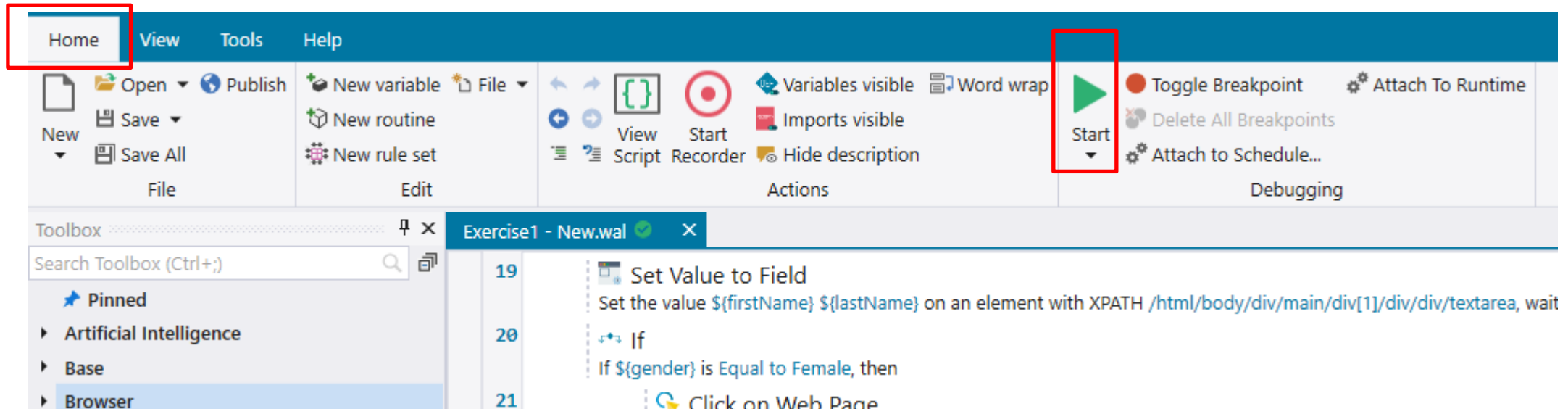
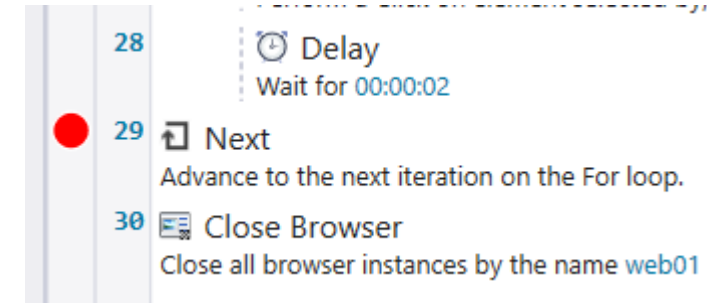
- For the last step, let's check through the order of the command

24	 Convert Text to Date Time Convert text to the Date Time format, assigning <code>Date Time</code> to <code>\${DOBdatetime}</code>
25	 Convert Date Time to Text Convert a date time to text, assigning <code>Text</code> to <code>\${DOBconverted}</code>
26	 Set Value to Field Set the value <code>\${DOBconverted}</code> on an element with XPATH <code>/html/body/div/main/div[3]/div/ul/li[1]/input</code> , waiting for a response for default timeout, simulating real user input
27	 Click on Web Page Perform a Click on element selected by, <code>/html/body/div/main/div[3]/footer/nav/ul/li/a XPath</code> , simulating real user input
28	 Delay Wait for <code>00:00:02</code>
29	 Next Advance to the next iteration on the For loop.
30	 Close Browser Close all browser instances by the name <code>web01</code>

# Lab 1 – Script

## Debugging

- You may add Breakpoint to the script (click on the left panel besides the command counter)
- The breakpoint is useful to observe the progress of the script and pin point any issue
- From top menu, click on Start to run the bot



# Lab 1 – Script

## Test the bot

- From top menu, click on Start to run the bot
- It is recommended to test run the bot along the way so it is easier to keep track of errors

The screenshot displays the Selenium IDE interface. The main script area shows a sequence of steps: an 'If' block for gender, 'Click on Web Page' actions for 'Female' and 'Male' options, 'Convert Text to Date Time' and 'Convert Date Time to Text' blocks, 'Set Value to Field', another 'Click on Web Page', and a 'Delay' block. The script is currently paused at step 29, 'Next', which is highlighted in yellow. The 'Globals' table on the right lists variables and their values. A red box highlights this table. The bottom of the interface shows the 'Output' and 'Immediate' windows, and a 'Current Line' indicator at the bottom right.

Name	Value	Type
desktopPath	C:\Users\JENNYK...	Text
DOBconverted	05/08/1983	Text
DOBdatetime	1983-05-08 00:0...	Date Time
DOBtext	5/8/1983	Text
firstName	Anna	Text
gender	Female	Text
lastName	Johnson	Text
NewHireData	Anna, Johnson, F... Bob, Smith, Ma...	Data Table
row_iterator	1	Number

Variable values will be updated at each breakpoint or when an error occurred.

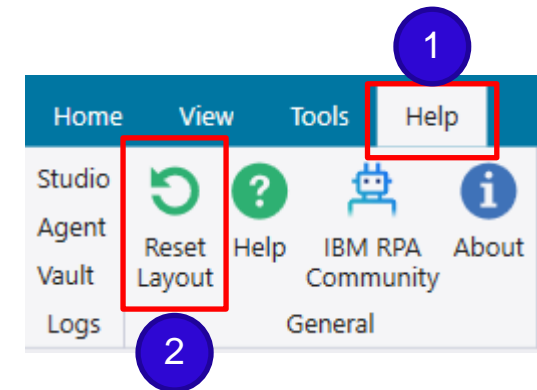


# Lab 1 – Script

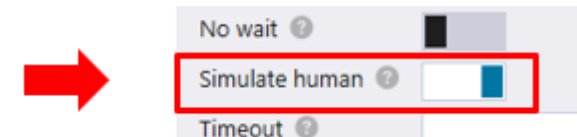
## Some useful tips:

- In case the layout of Studio was moved around (Toolbox is not visible/Output window is not visible etc.)

→ Go to Help menu, and choose Reset Layout



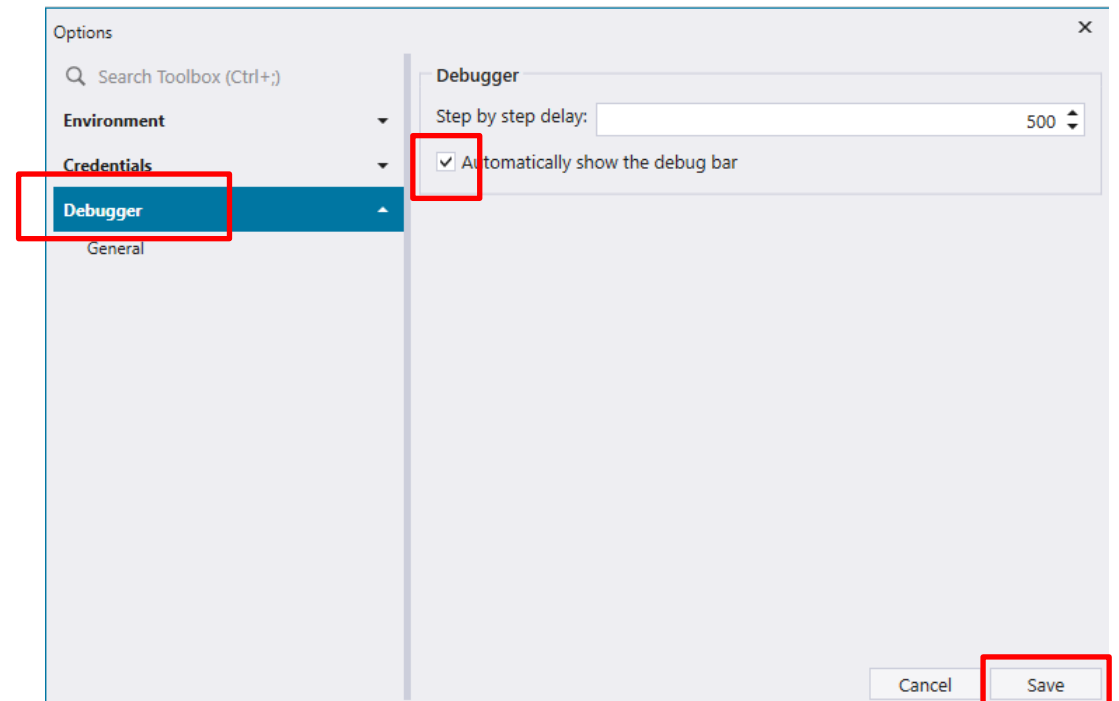
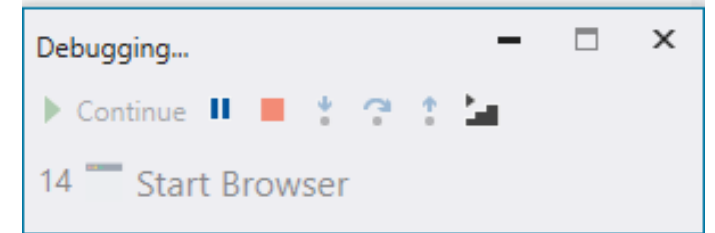
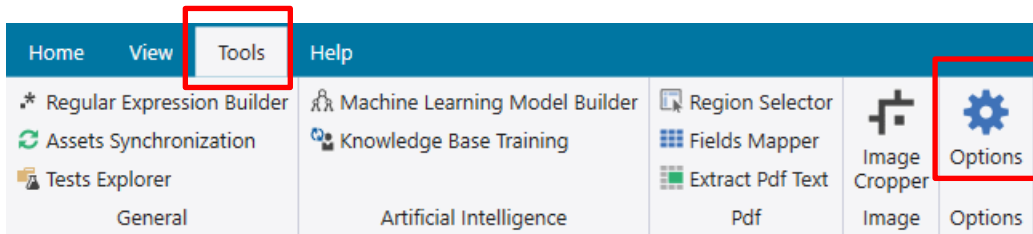
- Use “Simulate human” as much as possible so the bot won’t run too fast and make result in failure of execution.



# Lab 1 – Script

## Some useful tips:

- If you want the debugger menu to be visible during bot execution.
- Go to Tool Menu > Options
- Go to Debugger tab > Check on Automatically show the debug bar and Save
- The Debug menu should be visible during debugging now



# Practice Exercise

# Practice: Currency Conversion

Website link: <https://www.ofx.com/en-sg/currency-converter/>

Suggested steps in the bot:

1. Ask user for input on “From currency”
  2. Ask user for input on “To currency”
- Hint: you may consider the “Input Box” command to get user input

2. Start a new browser and navigate to webpage
3. Set the currency value for the “From currency” and “To currency” on the webpage as per user input

Hint: you may consider using the command Set Value to Field and Web Send Keys to insert value and press Enter to register value

5. Click Convert
6. Find and store the result of conversion into a text file (e.g. 1 USD = 0.82752 EUR)

Hint: you may apply Get Element Value command to get conversion value on the webpage (also make sure to apply appropriate delay/wait command to ensure the result is visible)

## Currency Converter

Find out up to date market rates

From

SGD

▼

1

↔

To

USD

▼

0.75

**Market Rate 0.7450**  
Inverse 1.3422

The amounts above are calculated using the Market (Interbank) rate and are not indicative of OFX Customer Rates. Simply [register](#) or [log in](#) for OFX Customer Rates.

Check transfer rates

# Additional Materials

\*To access the training, it is required to [signup](#) for an IBMid with your company email id first.

# IBM Education Badges ([RPA Learning Journey](#))

## Introduction

IBM Robotic Process Automation is a technology that encompasses the use of smart robots in any process requiring efficiency, consistency, and speed, with no risk of mistakes.

Badge	Duration
<a href="#">Basic</a>	8 hours
<a href="#">Intermedia</a>	4 hours
<a href="#">Advance</a>	5 hour

Course

**Installing IBM Robotic Process Automation**

Asset code: DLP-DL35011G

Installing IBM Robotic Process Automation - DL35011G

Basic Self-paced

Up to 4 hours No cost

[Revisit](#)

Completed

Course

**IBM Robotic Process Automation - Basic I**

Asset code: DLP-DL35002G

IBM Robotic Process Automation - Basic I - DL35002G

Basic Self-paced

Up to 3 hours No cost

[Revisit](#)

Completed

Course

**IBM Robotic Process Automation - Basic II**

Asset code: DLP-DL35003G

IBM Robotic Process Automation - Basic II - DL35003G

Basic Self-paced

Up to 2 hours No cost

[Revisit](#)

Completed

Badge

**IBM Robotic Process Automation - Basic**

Asset code: BG-9808027dee36312c25e9bc...

Badge earners can install WDG Automation with all of its programs and features, and address problems that may occur in the process. They...

Basic Self-paced

Up to 0.5 hour No cost

[Revisit](#)

Completed

Course

**Excel basics with IBM Robotic Process Automation**

Asset code: DLP-DL35014G

Excel basics with IBM Robotic Process Automation - DL35014G

Basic Self-paced

Up to 1 hour No cost

[Explore](#)

☐ Mark Complete

Course

**Windows Applications Automation with IBM Robotic**

Asset code: DLP-DL35015G

Windows Applications Automation with IBM Robotic Process Automation - DL35015G

Basic Self-paced

Up to 1 hour No cost

[Explore](#)

☐ Mark Complete

\*To access the forum, it is required to [signup](#) for an IBMid with your company email id first.

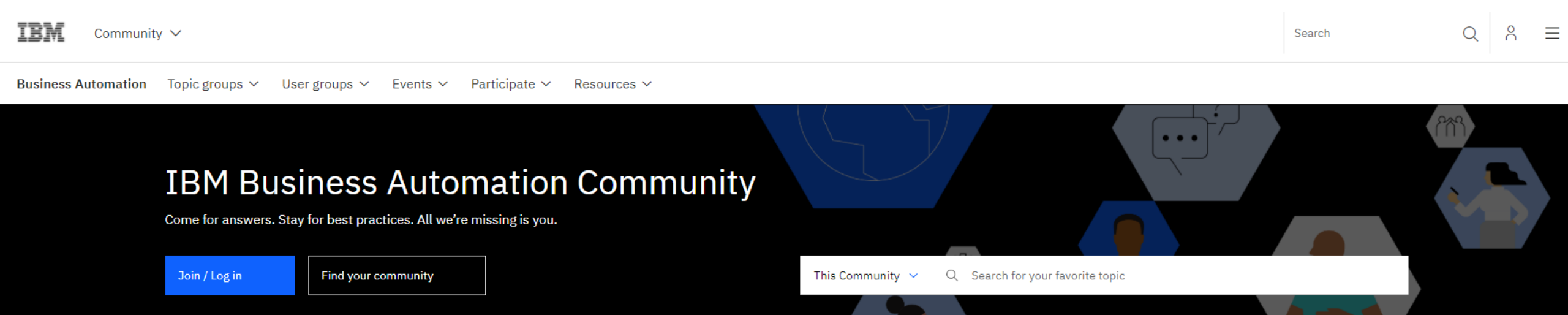
## Additional Learnings/ Resources

### [IBM RPA Documentation](#)

- Information on installations, RPA commands, and functionalities in details.

### [IBM RPA Forum](#)\*

- An external community , IBM Business Automation community - Robotic Process Automation topic, where you can find a Discussion forum and regular Blog postings.



# IBM RPA Community site

<https://community.ibm.com>

The screenshot displays the IBM Business Automation Community website. At the top, the header reads "IBM Business Automation Community" with the tagline "Come for answers. Stay for best practices. All we're missing is you." Below this are buttons for "Join / Log in" and "Find your community". A search bar is present with the text "This Community" and a search icon. A blue banner below the header says "Take our Community Survey →".

The main content area is titled "Robotic Process Automation RPA" and includes a "View Only" link. Below the title are navigation links: "Group Home", "Discussion | 628", "Library | 88", "Blogs | 42", "Events | 2", and "Members | 713". A paragraph explains the library: "The Library is the place to find all of your group's file uploads, videos, PDFs, and other resources that will help you learn and build your skills. Looking for something specific that you can't seem to find? Ask in the discussions and we will try to find it."

A "Search Library Entries" section features a search bar with the placeholder "Term / Keyword / Phrase" and a search icon. To the right of the search bar is a button labeled "Add a Library Entry".

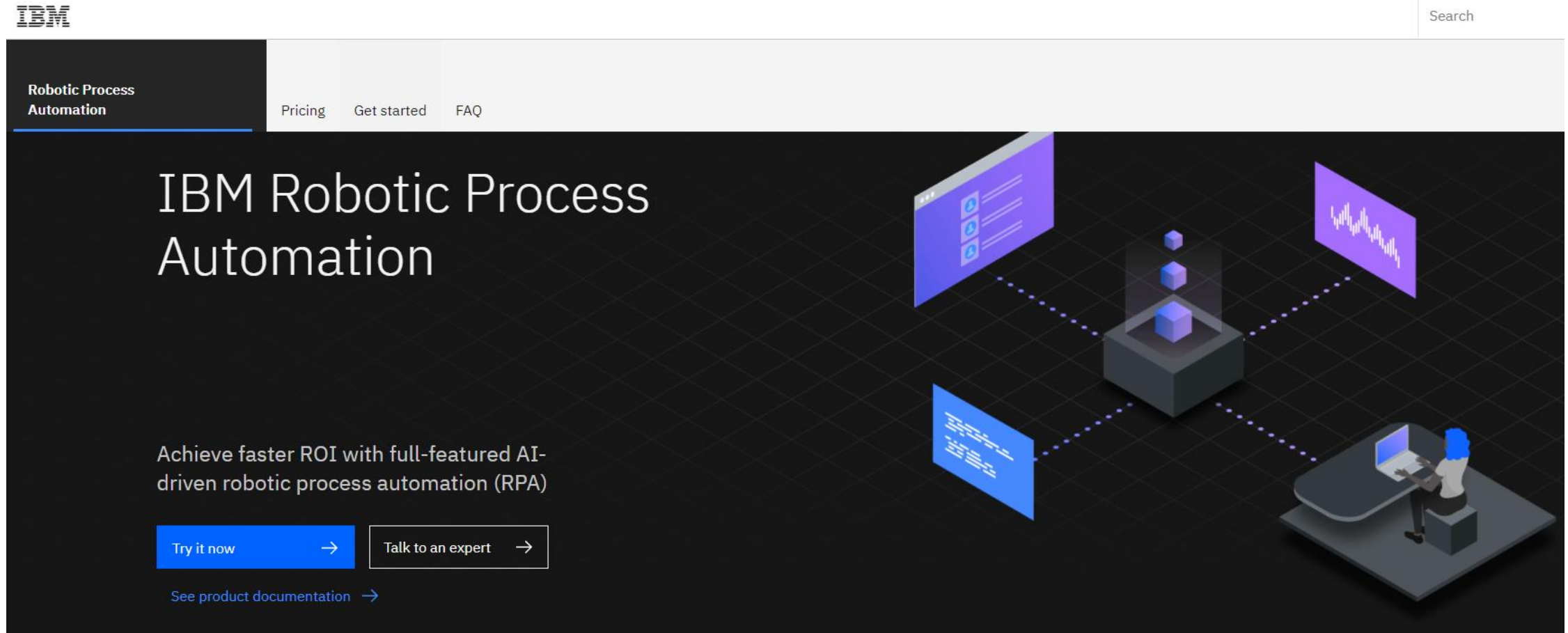
Below the search bar, there are four entry cards:

- RPA Recipe Video Playlist**: Posted By Stephanie Wilkerson, Mon June 28, 2021 03:56 PM ET. It has 5 views and a share icon.
- RPA Governance**: Posted By NIGEL CROWTHER, Thu June 17, 2021 06:24 AM ET. It has 11 views, 3 downloads, and a share icon.
- RPA Cheat Sheet**: Posted By NIGEL CROWTHER, Thu June 17, 2021 04:36 AM ET. It has 14 views and a share icon.
- Moving your first bot to production**: Posted By NIGEL CROWTHER, Thu June 17, 2021 09:13 AM ET. It has 4 views, 4 downloads, and a share icon.

At the bottom, there is a status bar that says "No folder selected: Showing all entries". To the right of this is a "View:" button with a list icon and a grid icon. Below the status bar is a "Filter By: File Type" dropdown and a "Sort By: Title A-Z" dropdown.



IBM RPA Trial: <https://www.ibm.com/products/robotic-process-automation>



Trial Introduction video: <https://youtu.be/fwDvlZ3ZVoA>

