QA
POWERING
POTENTIAL

Selenium

Module 3

Selenium IDE

- Add-on to Chrome(ium), Firefox, Internet Explorer, Opera, and Safari*.
- Easy to use.
- Records user actions on Web pages.
- Replays recorded scripts.
- Allows for adding verification points.
- Has no variables, functions nor control flow structures.
- Finds sensible locators.

QA Selenium IDE screenshot

Demo Selenium IDE

Using Selenium IDE

CREATING A PROJECT

Welcome to Selenium IDE!
Version 3.17.2

What would you like to do?

Record a new test in a new project

Open an existing project

Create a new project
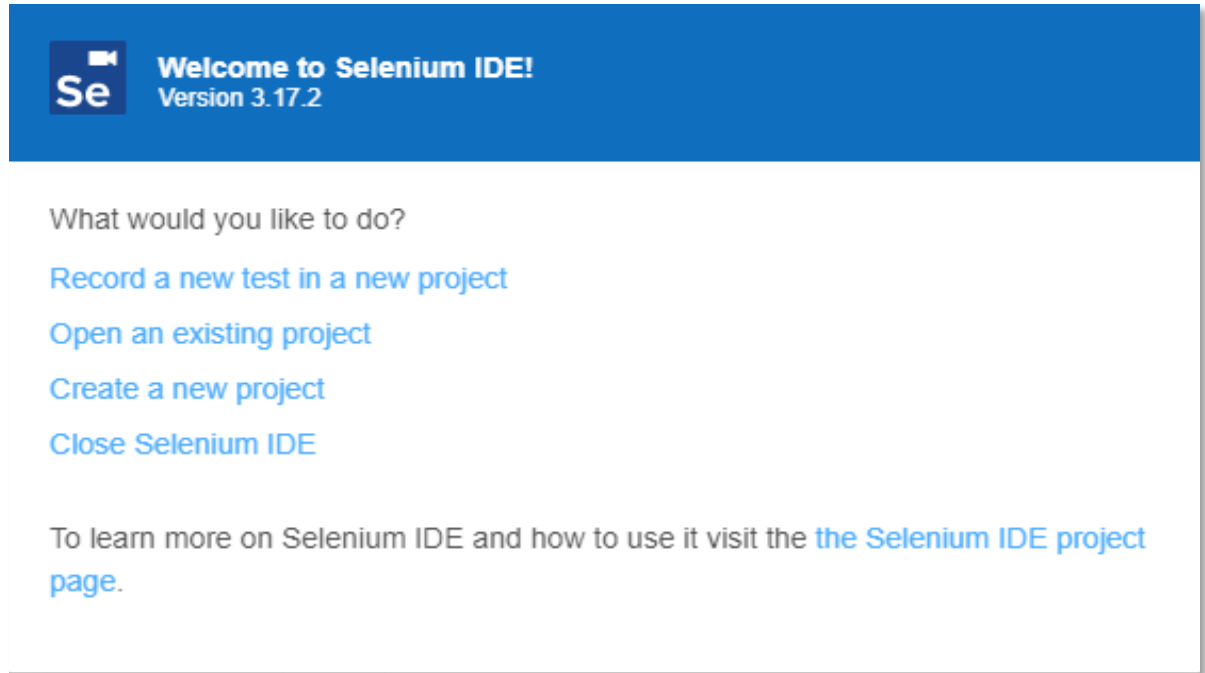
Close Selenium IDE

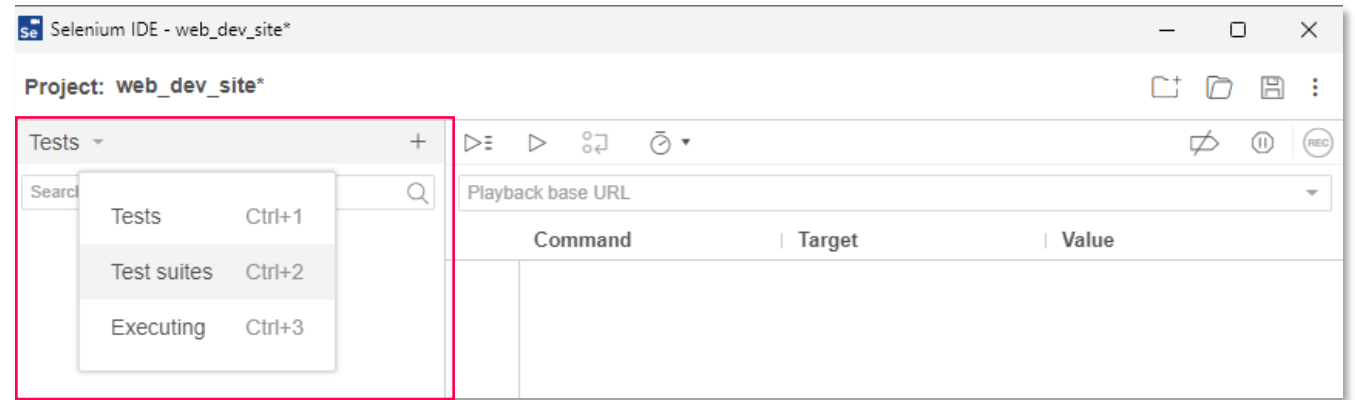To learn more on Selenium IDE and how to use it visit the the Selenium IDE project page.
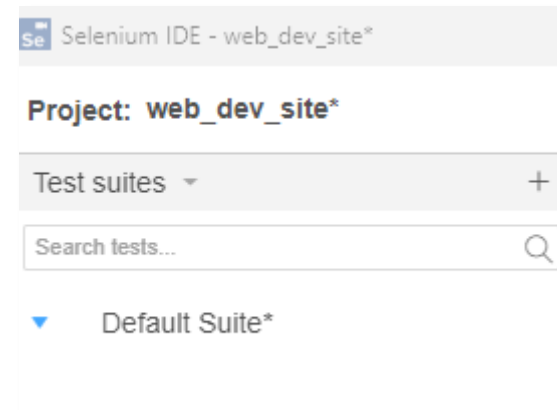
- A project in Selenium IDE is used to contain suites of test cases.

- Projects can be exported/saved.

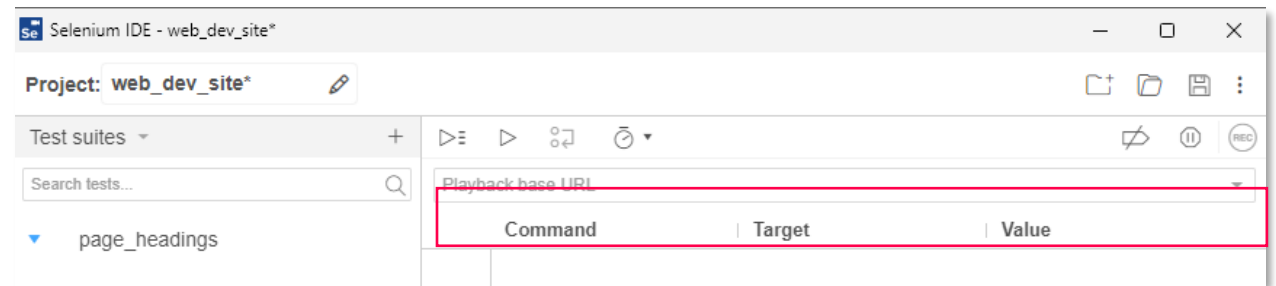- Projects can be imported/opened.

CREATING A TEST SUITE

- Select the Tests dropdown menu.

- Select Test suites.

- You will be presented with a default suite.
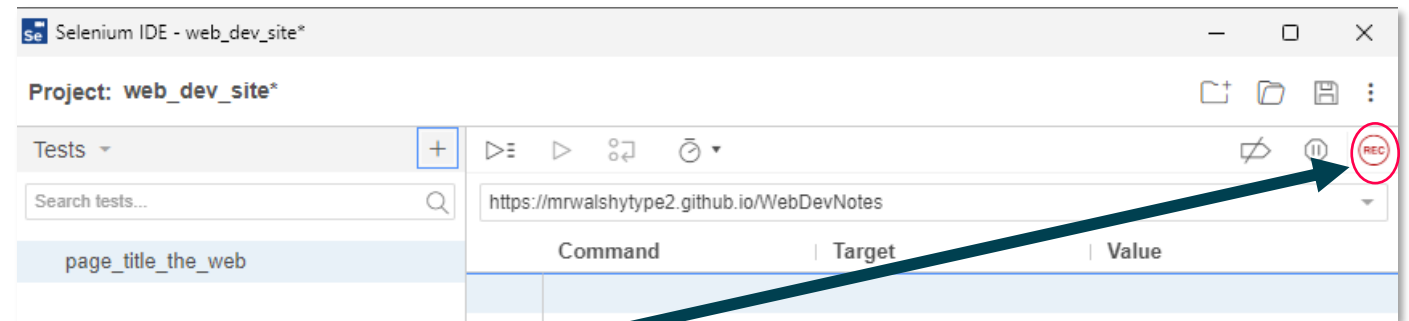
CREATING A TEST SUITE

- Delete the **Default Suite** by right clicking it and pressing **Delete**.

- Select the **+** icon to create a new test suite.
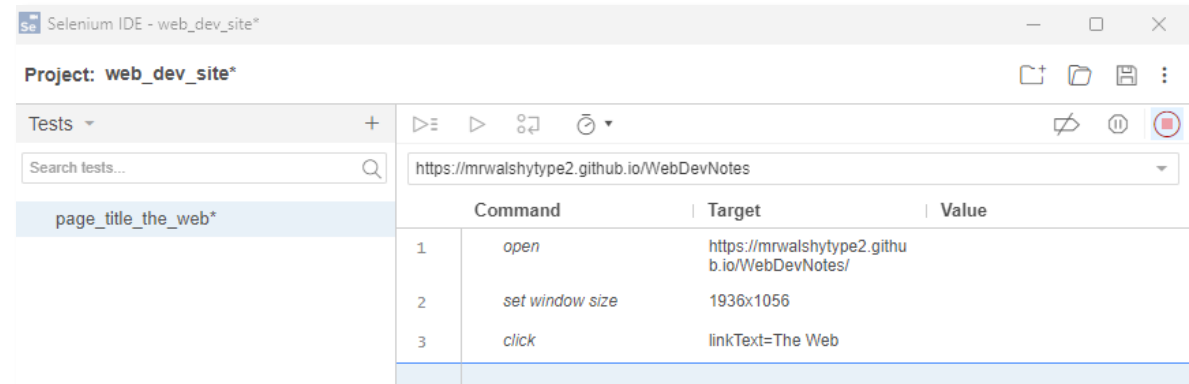 - Supply a name for the suite in the prompt.

- After creating the suite, add a **Playback base url** in the URL bar to the right.
  - This URL will be the same for all test cases and suites that you create, it is where the test starts.

CREATING A TEST

- Go back to the **Tests** page (**ctrl 1** keyboard shortcut) via the dropdown menu and select the **+** icon to add a new test case.
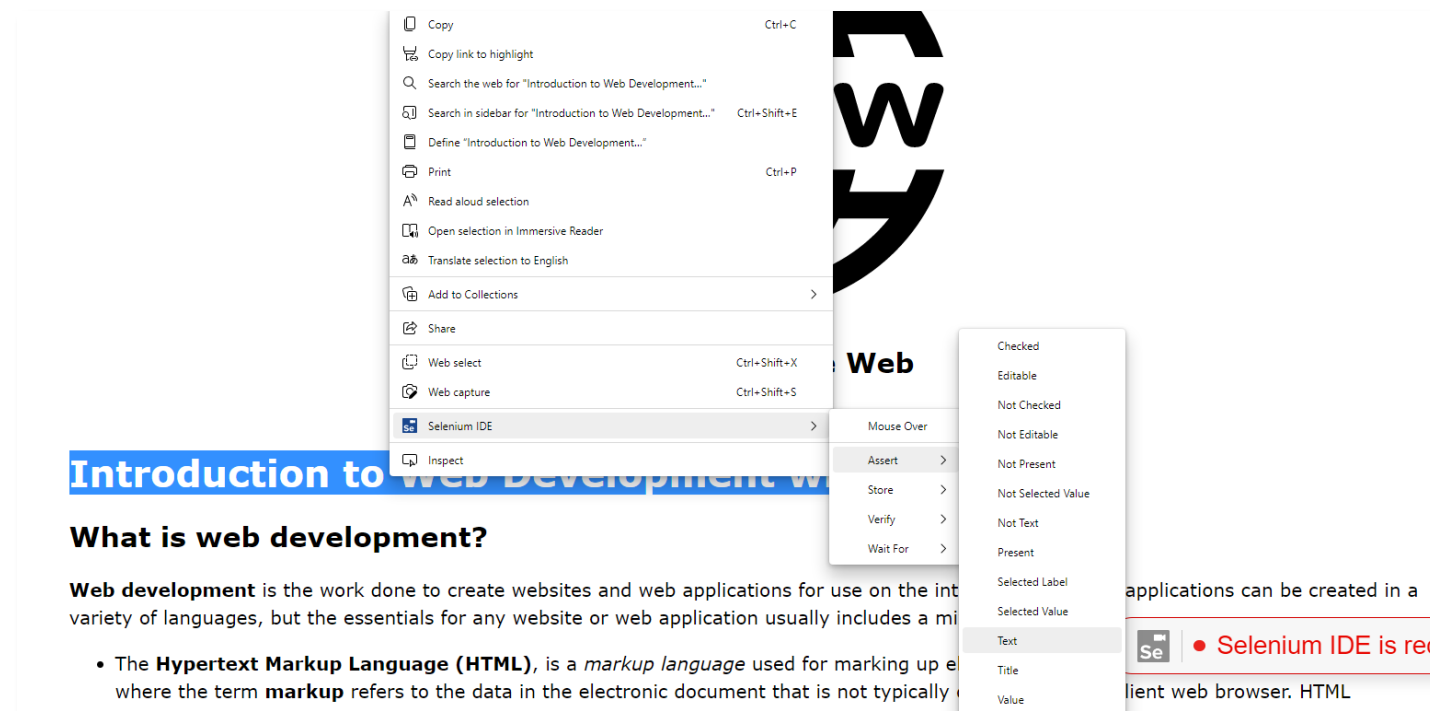

- Click the **REC** icon to start recording a new test.
  - This will open a browser that is monitored by Selenium IDE, recording any actions you take.
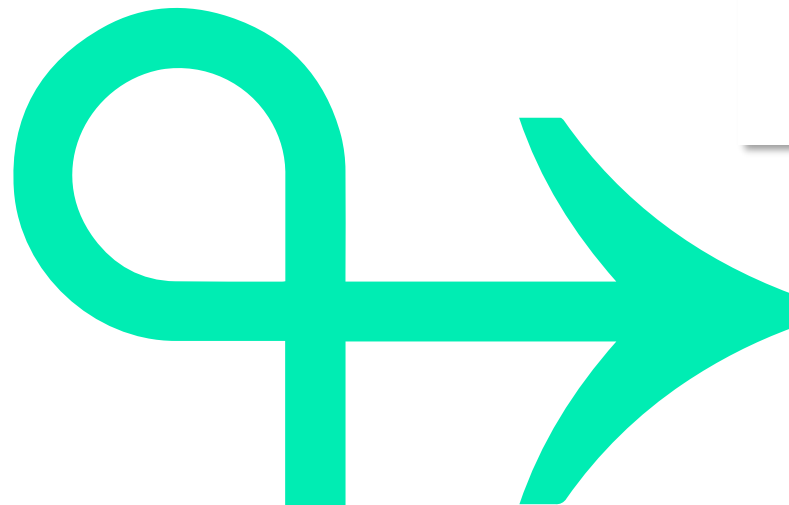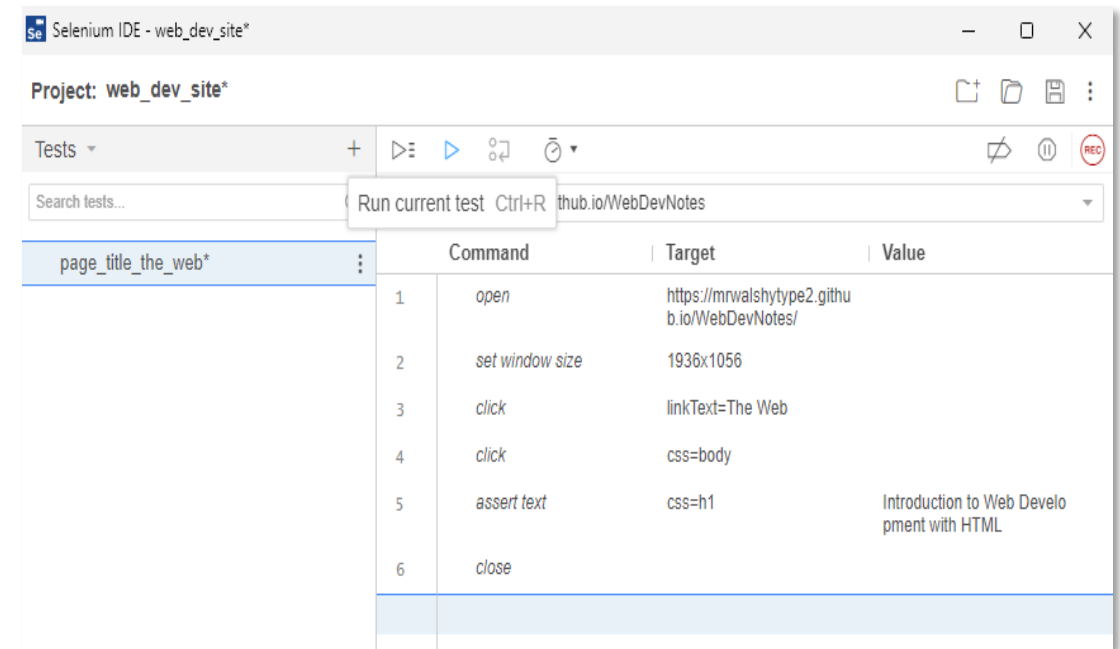
CREATING A TEST

After navigating to a page, you can highlight text, right-click and get access to Selenium specific functionality:

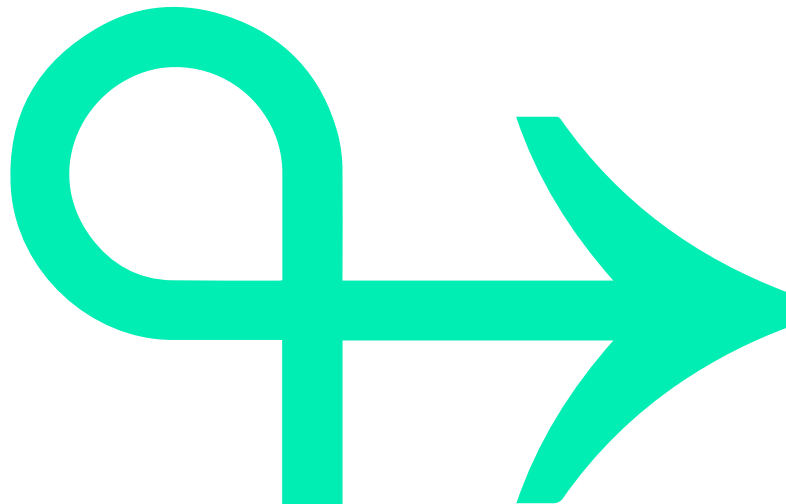- In this case, we are asserting that the highlighted text is present on the page.

Running a test case

- Select the test case you want to run in the **Tests** menu.

- Select the play button (**CTRL R** keyboard shortcut) to run the selected test.

- This opens a browser which runs the commands in the test.
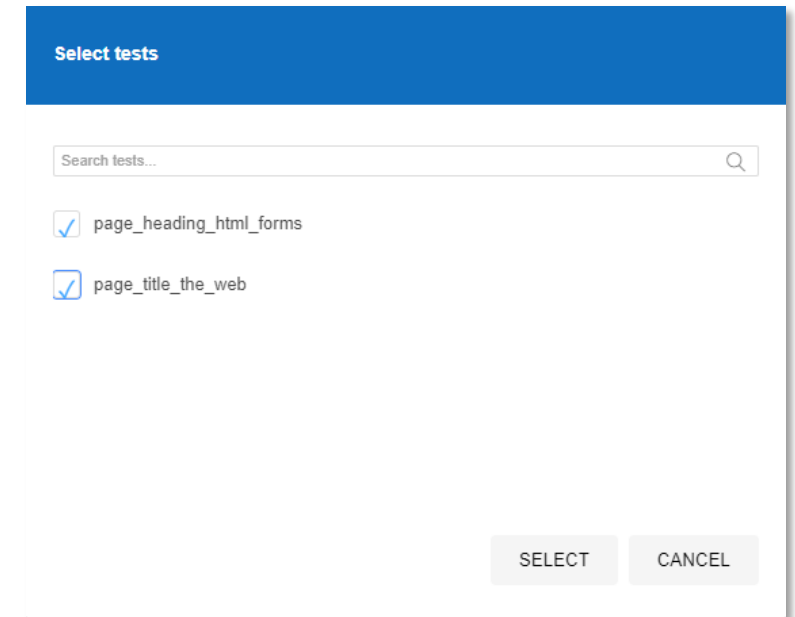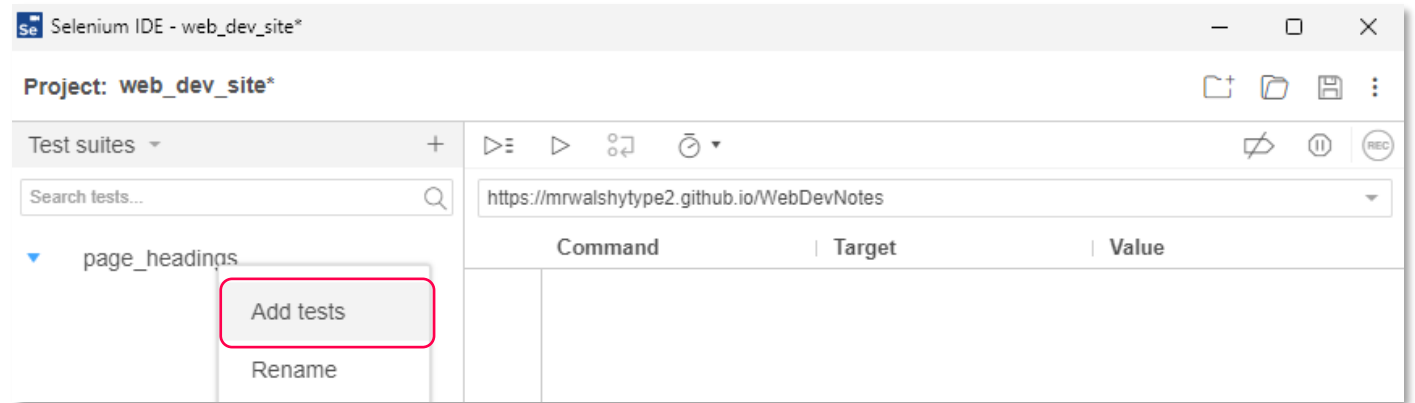
Interpreting the results

- Selenium IDE has a console at the bottom of the window, this logs the results of each command and whether the test completed successfully or not.

- The green text is a good indicator that things ran successfully.
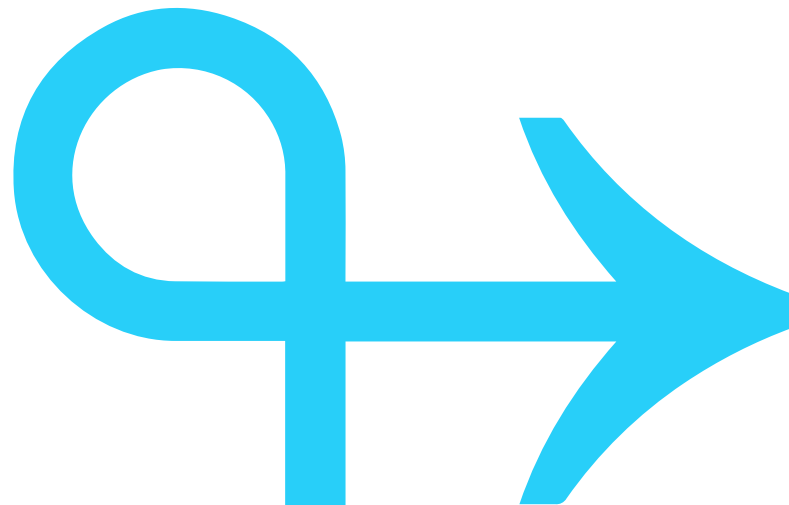
ADDING TEST CASES TO A TEST SUITE

- Go to the **Test suites** menu.

- Right-click the test suite and select **Add tests**.

- From the opened dialog, select the tests to add:

Interpreting a tests commands

- The **open** command opens a specified URL, this is the **target** of the command.

- **Set window size** resizes the browser window.

- **Click** will click the targeted element, selected by **CSS** or **linkText** in this case.

	Command	Target	Value
1	✓ open	https://mrwalshytype2.github.io/WebDevNotes/	
2	✓ set window size	1936x1056	
3	✓ click	css=.dropdown:nth-child(3) > .dropdown-btn	
4	✓ click	linkText=Forms	
5	✓ click	css=body	
6	✓ assert text	css=h1	Forms
7	✓ close		

- **Assert text** is the test, it checks if the specified element contains the specified **value**.

- **Close** closes the browser window.

Activity: Selenium IDE

Follow the exercises specified in the Selenium IDE labs booklet.

Thank you!

Hope you enjoyed this learning journey.