**Webdriver Methods**

**.get(url)**

Example:

* driver.get(“https://www.google.com”);

Example code

Return : Load new web page

**.getCurrentUrl();**

Example:

* driver.getCurrentUrl();

Return : Gets a string of the current URL

**.getTitle();**

Example:

* driver.getTitle();

Return : Gets the title of the current page

.findElement()

Example

* driver.findElement(By.cssSelector(“#primaryButton”));

Returns: first matching element on the current page

.

.findElements()

Example

* Driver.findElement(By.xpath (“//div”));

Returns: finds matching element on the current page and list of all all web elements

.close()

Example:

driver.close();

Purpose : This will close the current window

.quit()

Example

driver.quit();

Result

Quits the Driver instance and closing every window which is open

**Exercises**

Create a Java class and using ChromeDriver methods open the URL <http://www.automationtesting.co.uk> and maximise the window.

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Description automatically generated with low confidence

Test Result – Pass

A screenshot of a computer

Description automatically generated

Create a Java class and using GeckoDriver methods open the URL <http://www.automationtesting.co.uk> and maximise the window with Firefox.

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Test Result –Pass

A screenshot of a computer

Description automatically generated with medium confidence

Create a Java class and using EdgeDriver methods open the URL <http://www.automationtesting.co.uk> and maximise the window with Edge.

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Description automatically generated

Test Result – Pass

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Description automatically generated with medium confidence

Finding an element on a webpage by Element ID and clicking it

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Description automatically generated

Test - Pass

On the Contact form web page, interact with the input box which user enters their first name into. We will use findElement with the Name value of first\_name.

Test Data:

first\_name: “This is my first Name, I have sent”.

Message: This is the Message, I have sent.

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Description automatically generated with medium confidence

Test Result – Pass

A screenshot of a contact form

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Test – find an element using the Xpath selector

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Test - Pass

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Test - Check to see if the Checkbox is selected. Note: By Default, the RED checkbox is Selected and the Green is not selected.

Test Data : Website has the Red check as checked by Default and Green is unchecked

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Test Result: Pass (Console runs boolean value of True for first selector and False for the second selector)

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Test – Test whether Button four and button two is enabled or not.

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Test Data – Button Four is disabled by Default.

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Test - Pass

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Test – using the Link Text Selector direct the program to the actions page.

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Test Passed

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Test – Direct the program to the buttons page and Locate by CSS and find the button one and click.

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Test – Pass

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Test – Locate the dropdown menu on the website and check that the value “jeep”(Case Sensitive) is selected

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Test - Pass

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Test –

Locate the Trigger alert button and click it which will display an alert. We then want to accept the alert to close it.

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Test – Pass and then it was accepted and closed the alert

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Description automatically generated

Alert is accepted

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Description automatically generated

Test – Locate the Radio Button (number 2) with CSS Selector and click

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Description automatically generated with low confidence

Test – Pass

A screenshot of a webpage

Description automatically generated with medium confidence

Test – Assertions JUnit, test to see if Title = homepage and test an incorrect value

Correct Value Test - the test has passed , Run successfully with no Junit Exception within the console.

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Description automatically generated with medium confidence

Incorrect Value Test – The test has passed Junit Exception within the console.

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Description automatically generated with medium confidence

Assertions JUnit, Checking Total price within cart is correct or incorrect

Correct Value Test - the test has passed, Run successfully with no Junit Exception within the console.

A screen shot of a computer program

Description automatically generated with low confidence

A screenshot of a computer

Description automatically generated with medium confidence

Incorrect Value Test – The test has passed Junit Exception within the console.

A screen shot of a computer program

Description automatically generated with low confidence

A screenshot of a computer

Description automatically generated with medium confidence

Test – Test will click a button which display a PopUp , this test will allow the program to switch windows between the Main window and the PopUp generated by clicking the button and then return the focus back to the MainWindow.

A screen shot of a computer program

Description automatically generated with low confidence

Test – Pass

PopUp appears.

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Using Thread sleep, 3 seconds later the popup is closed and the focus is changed to main window

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Test – Find the accordion elements and try click the

A screenshot of a computer program

Description automatically generated with medium confidence

Test – Pass, The Accordion sections were clicked.

A close-up of a message

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Test – Locating hidden Element within the webpage and test whether the element is displayed or not.

A screenshot of a computer program

Description automatically generated with medium confidence

Test Pass – the console display 2 values , False ( element is not visible) , true (element is visible on webpage)

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Description automatically generated with medium confidence

Implicit Wait

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Test Pass- We used implicit wait for 10 seconds and the clicked the button

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Close cookie warning

driver.findElement(By.cssSelector(".close-cookie-warning > span")).click();