**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.

A screen shot of a computer

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.

A screenshot of a computer

Description automatically generated with medium confidence

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.

A picture containing text, software, screenshot

Description automatically generated

Test Result – Pass

A screenshot of a computer

Description automatically generated with medium confidence

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

A screenshot of a computer

Description automatically generated

A screenshot of a computer

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.

A screenshot of a computer program

Description automatically generated with medium confidence

Test Result – Pass

A screenshot of a contact form

Description automatically generated with medium confidence

Test – find an element using the Xpath selector

A screenshot of a computer program

Description automatically generated with medium confidence

Test - Pass

A screenshot of a computer

Description automatically generated

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

A screenshot of a computer

Description automatically generated

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

A screenshot of a computer program

Description automatically generated with medium confidence

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

A screenshot of a computer program

Description automatically generated with medium confidence

Test Data – Button Four is disabled by Default.

A screenshot of a computer

Description automatically generated with medium confidence

Test - Pass

--------------------------

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

A screenshot of a computer program

Description automatically generated with medium confidence

Test Passed

A screenshot of a computer

Description automatically generated with medium confidence

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

A screenshot of a computer program

Description automatically generated with medium confidence

Test – Pass

A screenshot of a computer

Description automatically generated

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

A screenshot of a computer

Description automatically generated with medium confidence

Test - Pass

A screenshot of a computer

Description automatically generated with medium confidence

Test –

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

A screenshot of a computer

Description automatically generated with medium confidence

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

A screenshot of a computer

Description automatically generated

Alert is accepted

A screenshot of a computer

Description automatically generated

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

A screenshot of a computer

Description automatically generated with low confidence

Test – Pass

A screenshot of a webpage

Description automatically generated with medium confidence

Close cookie warning

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