**---------------------------------------------------------------------------------------------------------------------------------------**

**1. What is Selenium..?**

* It is a Open source tool for the Automation testing
* It is used to do the Automation testing for Web based application
* It supports different programming language like Java, Python C#
* It supports different web browsers like Google Chrome, Opera-mini, Microsoft Edge
* It can run at different Operating system like Window, Linux, Mac

**---------------------------------------------------------------------------------------------------------------------------------------**

**2. How to download the chrome driver..?**

* Search chrome driver for selenium in the google chrome
* Download the **chromedriver.exe** based our current chrome version
* To know the current version of **chromedriver.exe**, Setting--> About Chrome --> Version name detail will available

**---------------------------------------------------------------------------------------------------------------------------------------**

**3. How to launch the Browser..?**

System.setProperty("webdriver.chrome.driver","chromedriver.exe");

WebDriver driver=new ChromeDriver();

**---------------------------------------------------------------------------------------------------------------------------------------**

1. **How to maximize the browser…?**

driver.manage().window().window().maximize();

**---------------------------------------------------------------------------------------------------------------------------------------**

1. **How to minimize the browser…?**

driver.manage().window().window().minimize();

**---------------------------------------------------------------------------------------------------------------------------------------**

1. **What is sleep()..?**

The sleep() is used to stop the execution of programme for the particular time.

Thread.sleep(4000);

* We should pass the time duration as argument to the sleep method.
* We have to call the sleep() method from Thread class
* The sleep() causes the **InterruptedException** exception
* We should manually throws the Exception in the method name
* Else we can handle it by using try-catch

**---------------------------------------------------------------------------------------------------------------------------------------**

**---------------------------------------------------------------------------------------------------------------------------------------**

1. **What is get()..?**

The get() is used to hit the link in the browser.

driver.get(“www.google.com”);

We should pass the link value as argument in the method as String value.

**---------------------------------------------------------------------------------------------------------------------------------------**

1. **What is findElement()..?**

* The findElement() method is used to find the single Web Element in the HTML webpage.
* We should pass the locators to the findElement() as a argument.

driver.findElement(locator);

**---------------------------------------------------------------------------------------------------------------------------------------**