**Basic WebDriver Methods:**

driver.get() – Opens the url provided

driver.getTitle() – Gets the title of the page

driver.getCurrentUrl() – Gets the current URL

driver.getPageSource() – Shows the page source

driver.close() – closes the browser

driver.quit() – Closes all the browsers opened by Selenium (Child windows etc)

driver.getWindowHandle() – String

driver.getWindowHandles() – Set<String>

driver.switchTo() – Target locator

**Example:**

**package** Selenium;

**import** org.openqa.selenium.WebDriver;

//import org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.firefox.FirefoxDriver;

//import org.openqa.selenium.ie.InternetExplorerDriver;

**public** **class** FirstProgram {

**public** **static** **void** main(String[] args) {

//System.setProperty("webdriver.chrome.driver", "C:\\BrowserDrivers\\chromedriver.exe");

System.*setProperty*("webdriver.gecko.driver", "C:\\BrowserDrivers\\geckodriver.exe");

//System.setProperty("webdriver.ie.driver", "C:\\BrowserDrivers\\IEDriverServer.exe");

//WebDriver driver = new ChromeDriver();

WebDriver driver = **new** FirefoxDriver();

//WebDriver driver = new InternetExplorerDriver();

//Basic WebDriver Methods

//Opening an URL

driver.get("http://www.google.com");

//Getting the title of the page

System.***out***.println("Page Title: "+driver.getTitle());

//Get Current URL

System.***out***.println("Current URL: "+driver.getCurrentUrl());

//Page Source

System.***out***.println("Page Source: "+driver.getPageSource());

//Closing Browser

driver.close();

}

}

The eclipse console may not show the whole output as the output length is limited. For this Go to

Windows -> Preferences -> Run/Debug -> Console and uncheck the checkbox Limit Output and you will see the whole output.

Driver.close() is used to close the browser.

Driver.quit() is used to close the browser and all the associated windows.

Driver.getWindowHandle() is used to get the current window handle on which you are on.

Driver.getWindowHandles() is used to get all the associated window handles.

Driver.switchTo() is used to switch to the child windows or frames.

Thea above three will be discussed more in the later chapters.