**How to write first Selenium Automation Project?**

1. Download java and set up in your laptop
2. Download Selenium jar file from link- <https://github.com/SeleniumHQ/selenium/releases/download/selenium-4.8.0/selenium-server-4.8.1.jar>
3. Download the latest version of Chrome WebDriver <https://chromedriver.storage.googleapis.com/index.html?path=110.0.5481.77/>
4. Create a new project in IntelliJ, name it anything like SeleniumFirstProject
5. Configure Selenium with IntelliJ project. Go to File🡪 Project Structure 🡪Modules 🡪 Dependencies 🡪 Click on + plus to add dependency 🡪 Choose 1. JARS or Directories🡪Paste the path of selenium server dependency jar file for example Downloads\selenium-server-4.8.1.jar🡪Click on Apply and Ok
6. Create a Java class in src folder and add a main method
7. Inside main method, use below code

WebDriver driver=new ChromeDriver(); 🡪created an object of ChromeDriver class through WebDriver class

WebDriver🡪 is parent class provided by Selenium

ChromeDriver 🡪 is child class of WebDriver class

driver.get("https://www.taskarmall.com/");

get() 🡪 get method is used to open an url on browser

getTitle() 🡪 method is used to get the title of the web page

quit() 🡪 quit method is used to close the browser

maximize() 🡪 method is used to maximise the browser. Use it like

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

Example program:

import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.chrome.ChromeDriver;  
import org.openqa.selenium.firefox.FirefoxDriver;  
  
public class Hello {  
  
 public static void main(String [] args)  
 {  
 WebDriver driver=new ChromeDriver(); *//created an object of ChromeDriver class through WebDriver interface  
 /\* WebDriver◊ is an Interface provided by Selenium  
 ChromeDriver ◊ is class of WebDriver class  
 \*/* driver.get("https://www.taskarmall.com/adminlogin");  
 */\* get() method is used to open a url on the web browser. This class is defined in ChromeDriver class , you juts need  
 you juts need to call it using object and pass url as parameter\*/* driver.manage().window().maximize();  
 String title=driver.getTitle();  
 System.*out*.println(title);  
 driver.quit();  
  
 }  
}

**-------------------------------------------Taskar Login example--------------------------**

import org.openqa.selenium.By;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.chrome.ChromeDriver;  
import org.openqa.selenium.firefox.FirefoxDriver;  
  
public class Hello {  
  
 public static void main(String [] args)  
 {  
 WebDriver driver=new ChromeDriver(); *//created an object of ChromeDriver class through WebDriver interface  
 /\* WebDriver◊ is an Interface provided by Selenium  
 ChromeDriver ◊ is class of WebDriver class  
 \*/* driver.get("https://www.taskarmall.com/adminlogin");  
 */\* get() method is used to open a url on the web browser. This class is defined in ChromeDriver class , you juts need  
 you juts need to call it using object and pass url as parameter\*/* driver.manage().window().maximize();  
 driver.findElement(By.*id*("LoginID")).sendKeys("xyz");  
 driver.findElement(By.*id*("Password")).sendKeys("xyz");  
 driver.findElement(By.*tagName*("button")).click();  
 driver.quit();  
  
  
 }  
}