

Practical No. 5

Title - Installation of Selenium grid and selenium Web driver java eclipse (automation tools).

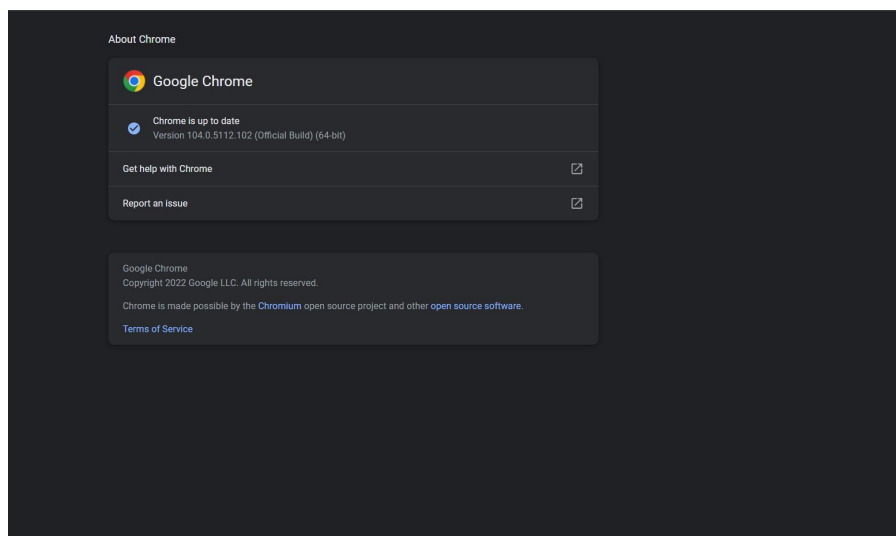
Steps -

Step 1 - Download and Install Eclipse.
(<https://www.eclipse.org/downloads/>)

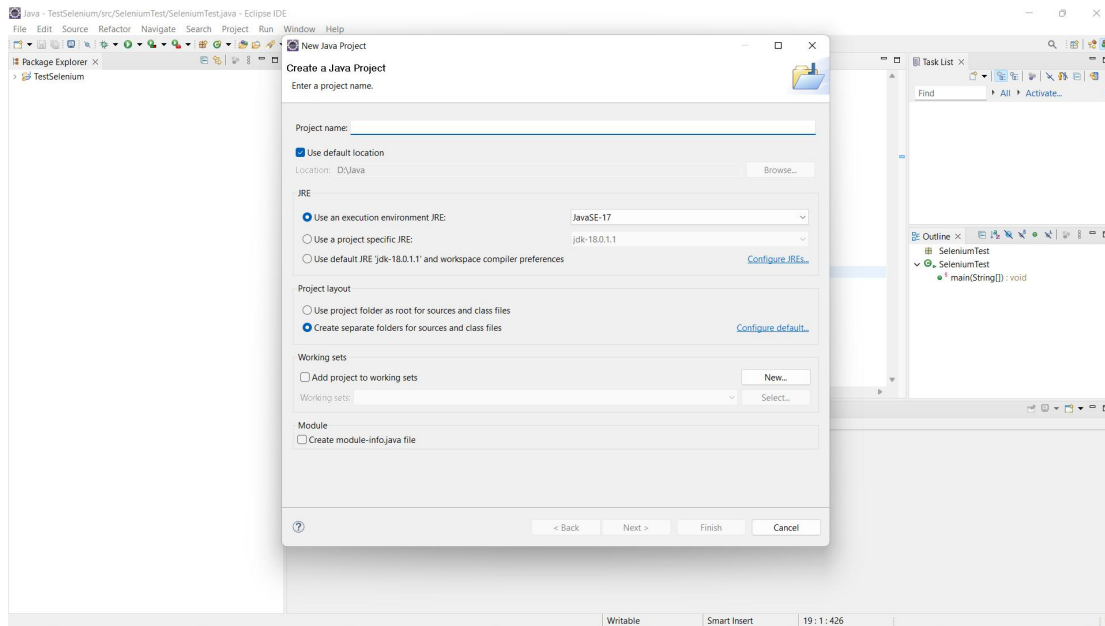
Step 2 - Download Selenium File For Java
(<https://github.com/SeleniumHQ/selenium/releases/download/selenium-4.4.0/selenium-java-4.4.0.zip>)

Step 3 - Extract File (Somewhere) You again need to come to these File.

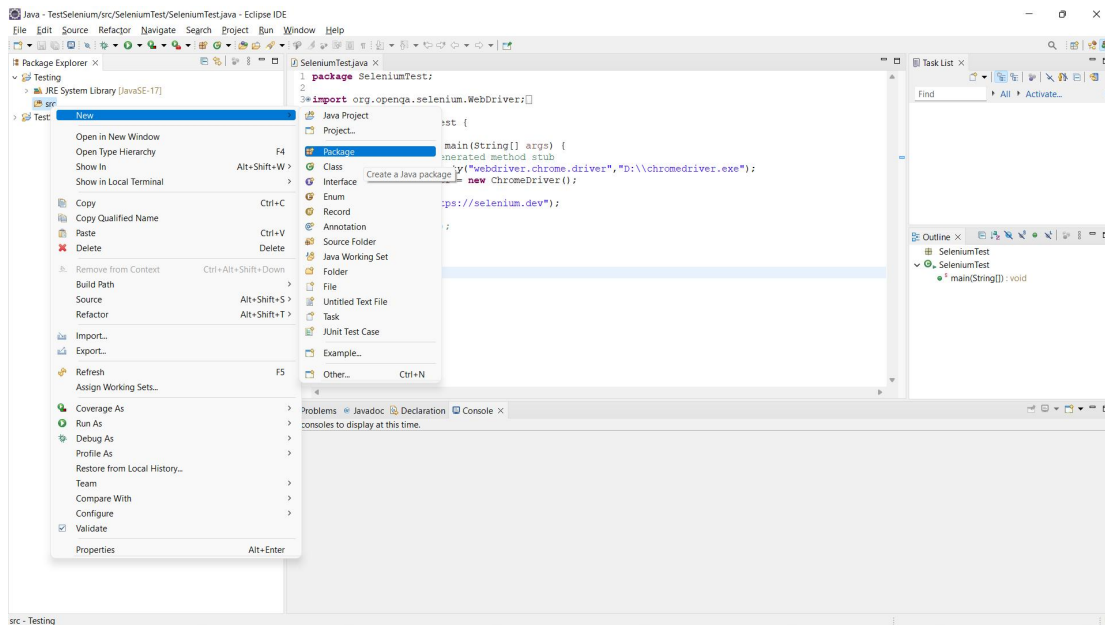
Step 4 - Download ChromeDriver By Your version of chrome.
(<https://chromedriver.chromium.org/downloads>)

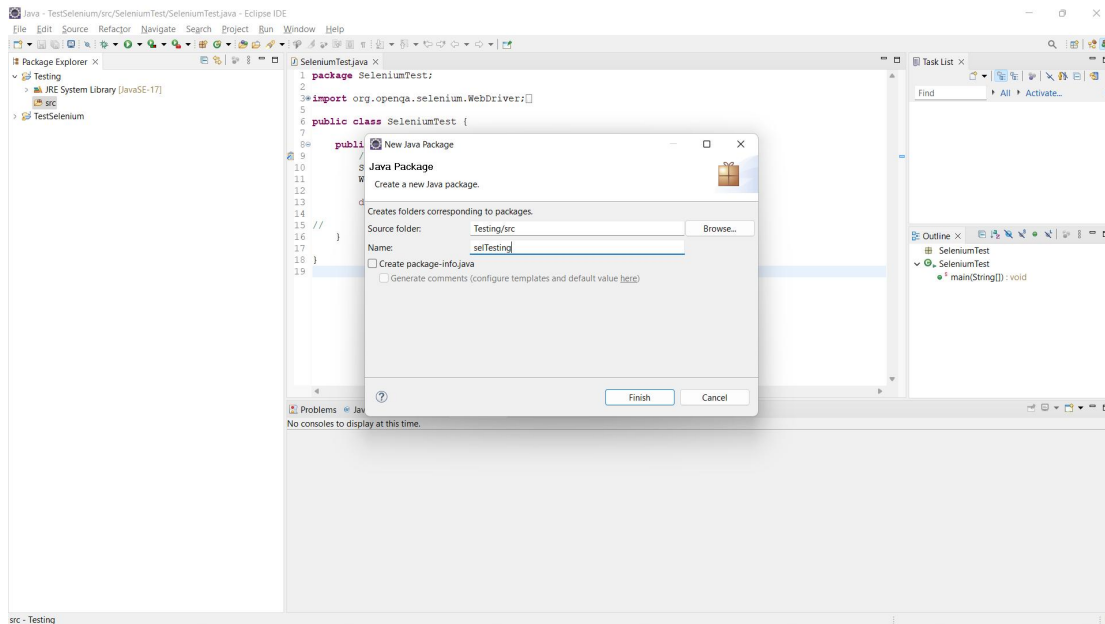


Step 5 - Open Eclipse and Create a new Java Project in it Make shure you not select Module-info.java file

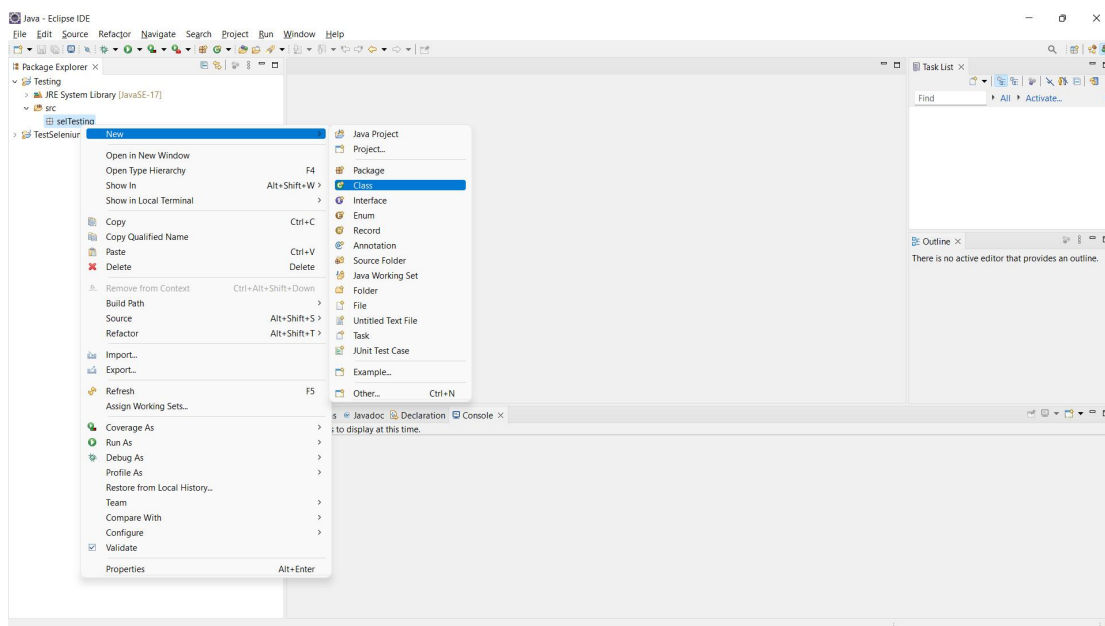


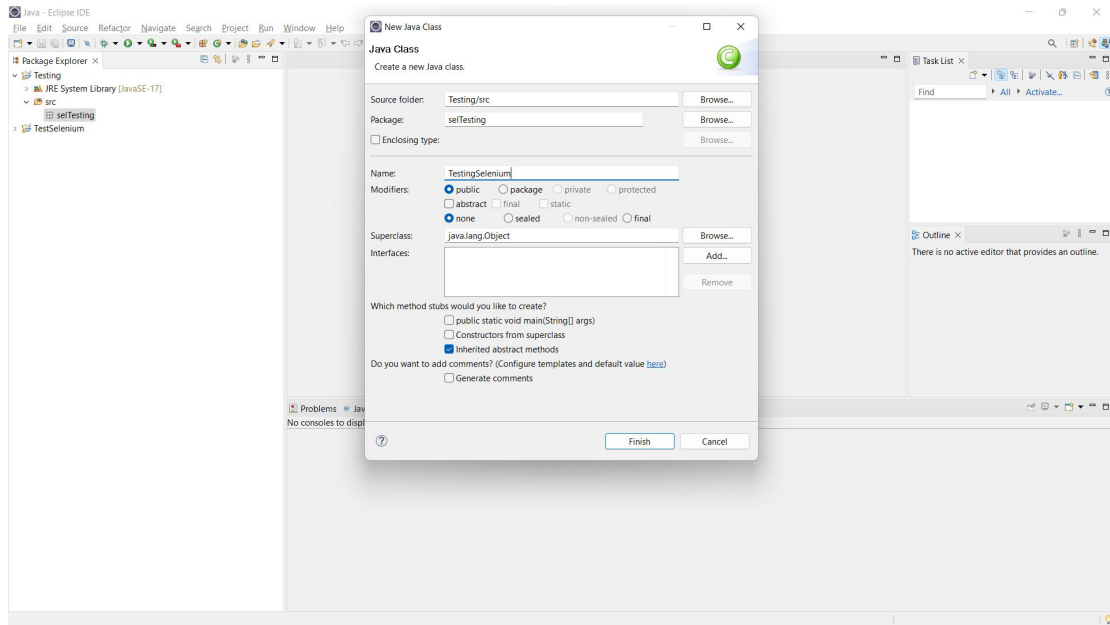
Steps 6 - Create a Package for Our Project so Here my Project name is Testing and Package Name is selTesting.



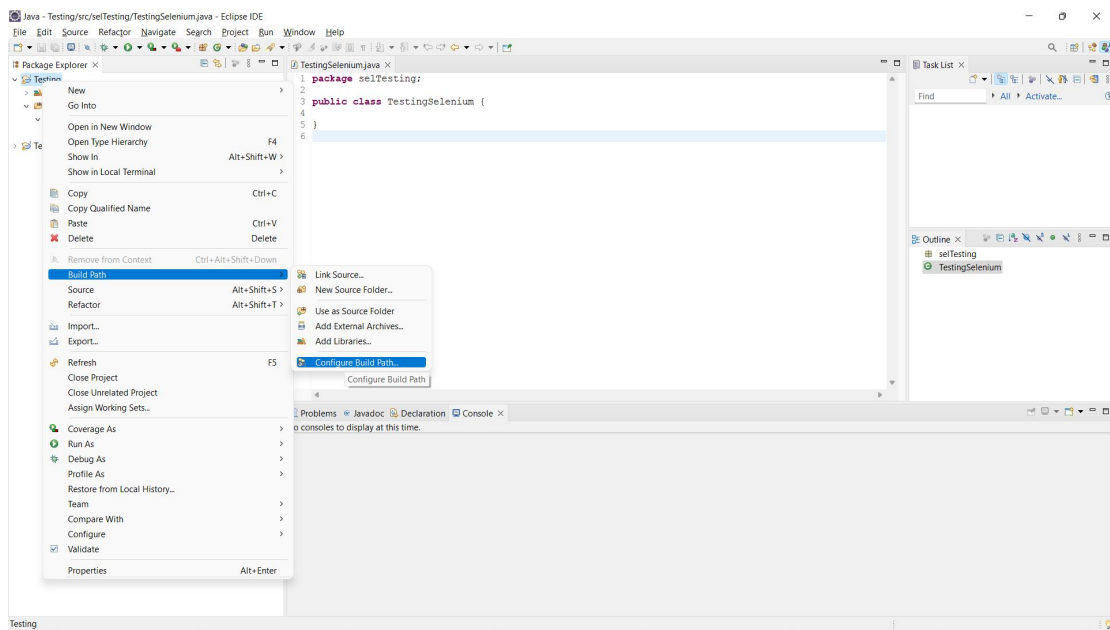


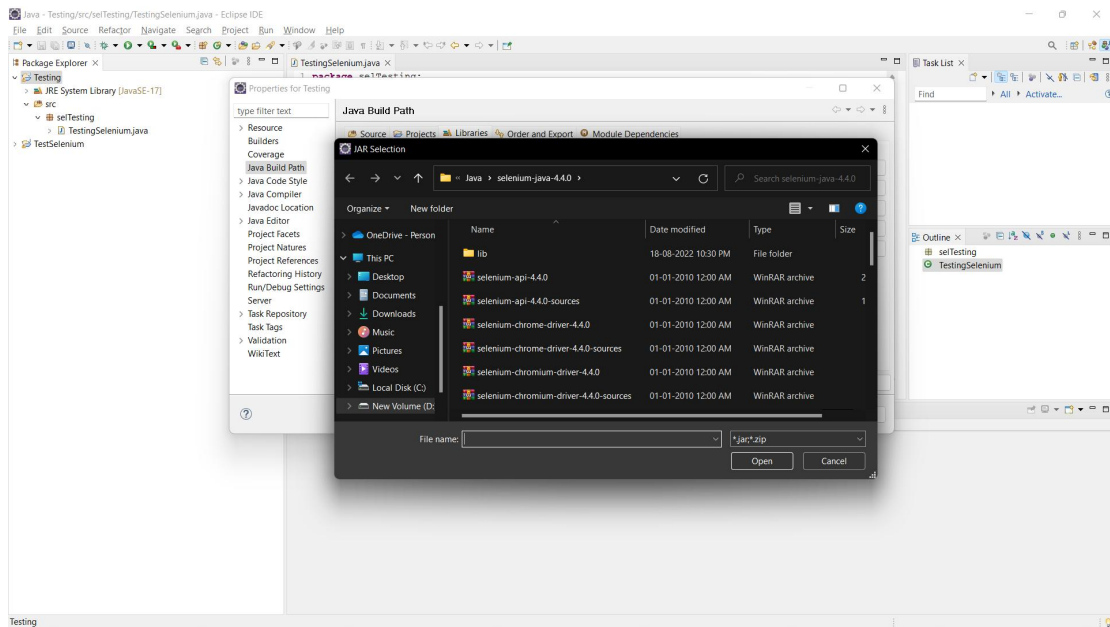
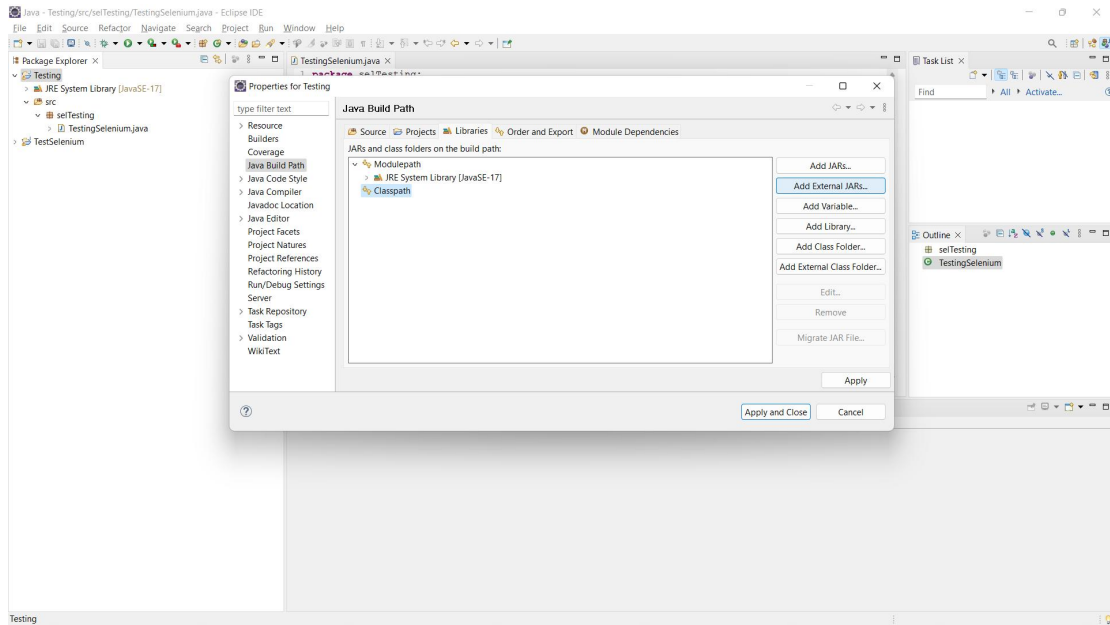
Steps 7 - Create a class in that package.



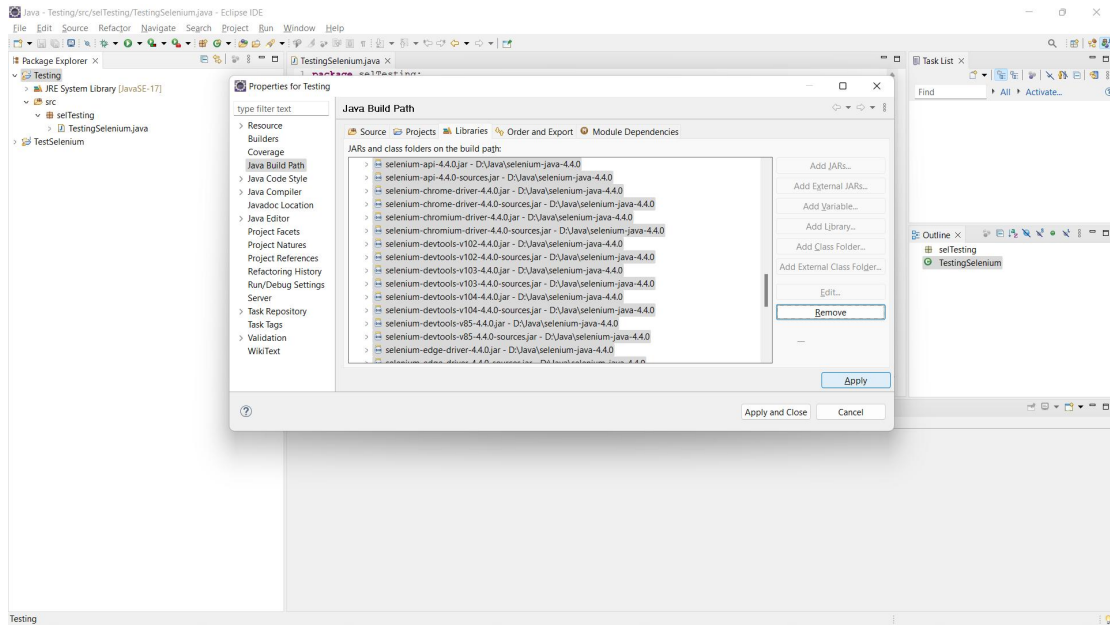


Steps 8 - Inserting our Selenium Jar file (Libraries) into it.





Select all Files from lib folder as well as from outer folder.



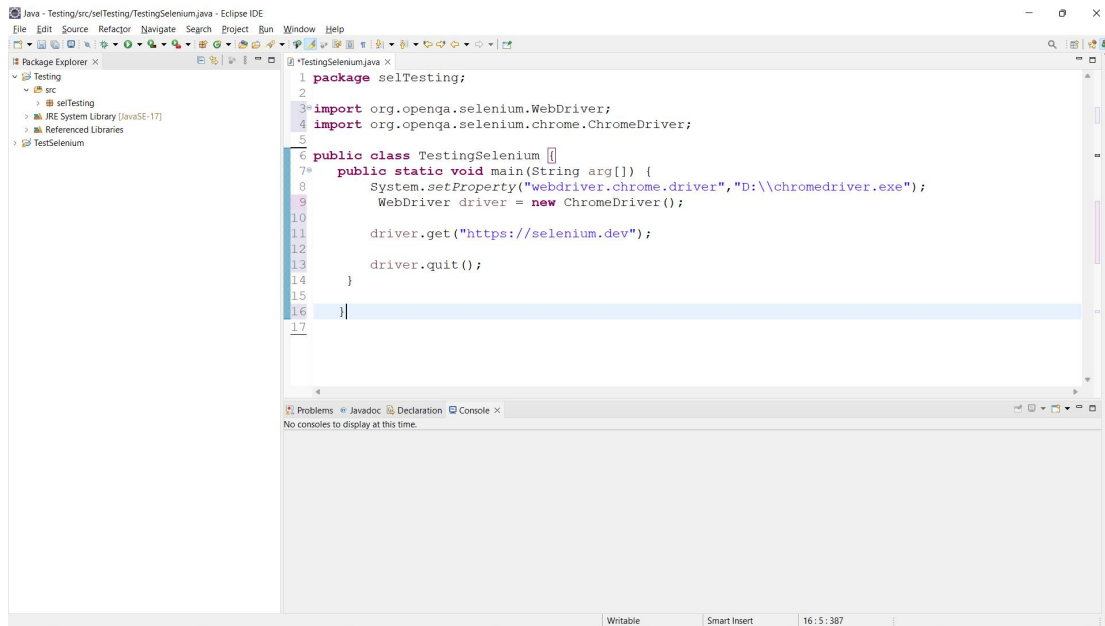
Click on Apply.

Step 9 - Insert Code for Chrome Driver With specify the path.

```
System.setProperty("webdriver.chrome.driver", "D:\\  
\\java\\chromedriver.exe");
```

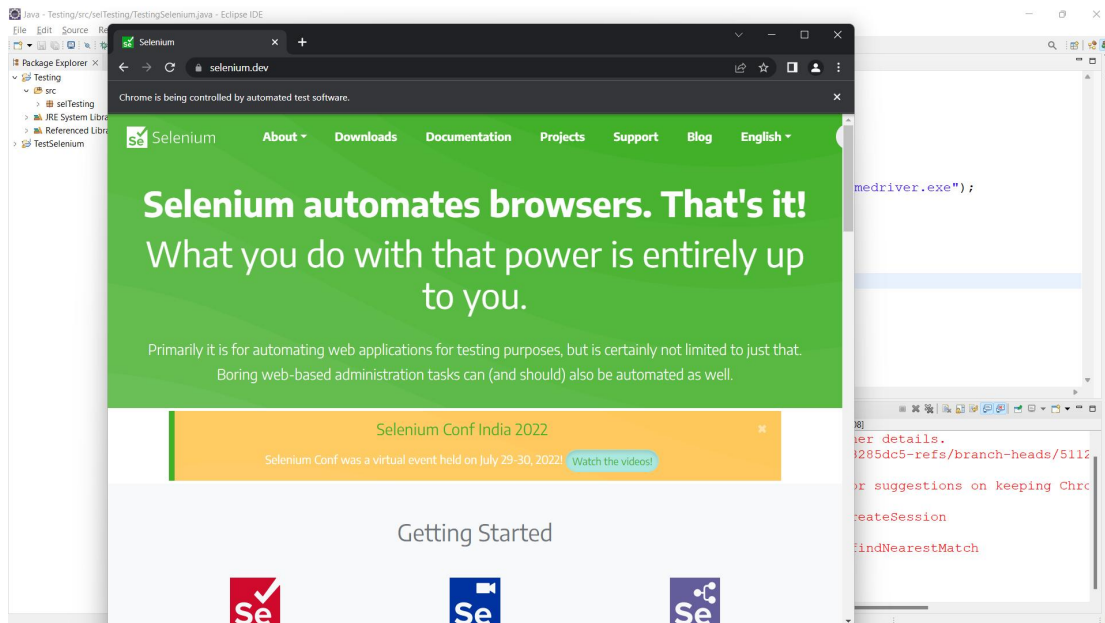


Step 10 - Import Packages and other code in these Process.



```
1 package selTesting;
2
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5
6 public class TestingSelenium {
7     public static void main(String arg[]) {
8         System.setProperty("webdriver.chrome.driver", "D:\\\\chromedriver.exe");
9         WebDriver driver = new ChromeDriver();
10
11         driver.get("https://selenium.dev");
12
13         driver.quit();
14     }
15 }
16
17
```

Click on Run and You See your code is Running.



For Not Closing Chrome automatically you need to comment driver.quit(); method.

Created By Sanket Sabale (Aug 2022)

