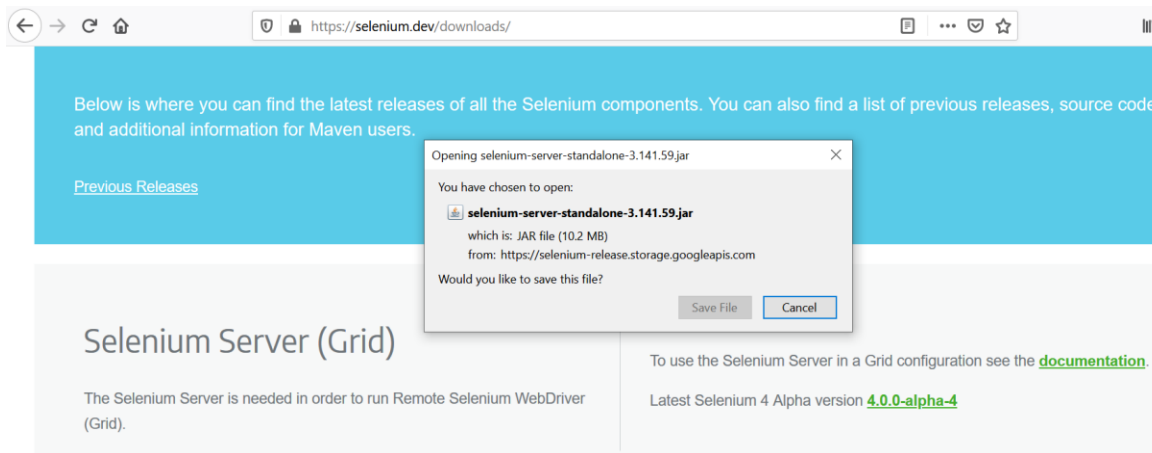
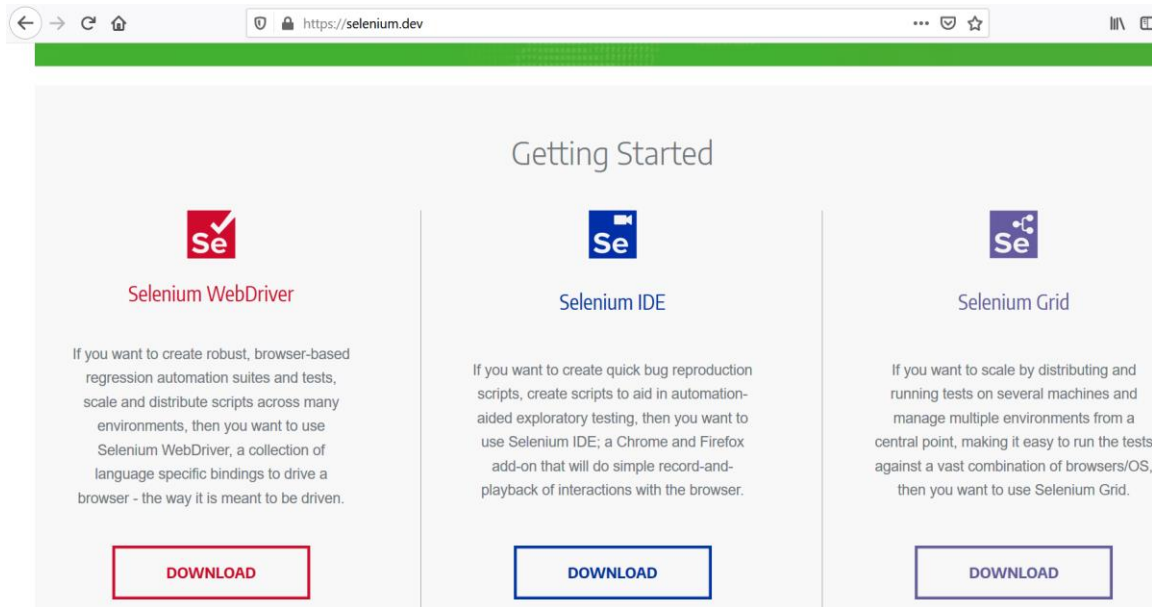


Selenium Installation and Lab exercise to open a website through selenium for further testing.



Download Oracle jdk 8

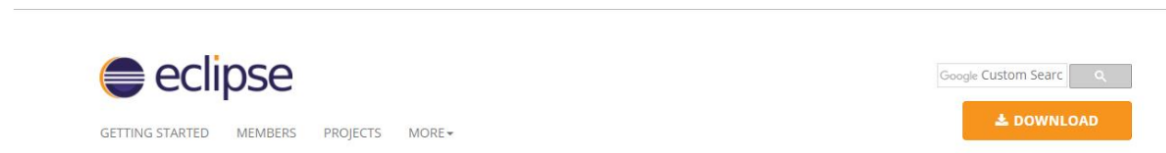
```
sudo add-apt-repository ppa:webupd8team/java
```

```
sudo apt-get update
```

```
sudo apt-get install oracle-java8-installer
```

Now Download Eclipse

www.eclipse.org/downloads/packages



Install eclips on your system.

Eclipse is downloaded.

Now create workspace for eclipse.

Go to workspace.

Create a java project.

Flow of Java Eclips would be like Project ->Package ->Class

**Review IDE configuration settings**

Review the IDE's most fiercely contested preferences

**Create a Hello World application**

A guided walkthrough to create the famous Hello World in Eclipse

**Create a new Java project**

Create a new Java Eclipse project

**Checkout projects from Git**

Checkout Eclipse projects hosted in a Git repository

**Import existing projects**

Import existing Eclipse projects from the filesystem or archive

**Launch the Eclipse Marketplace**

Enhance your IDE with additional plugins and install your Marketplace favorites

**Overview**

Get an overview of the features

**Tutorials**

Go through tutorials

**Samples**

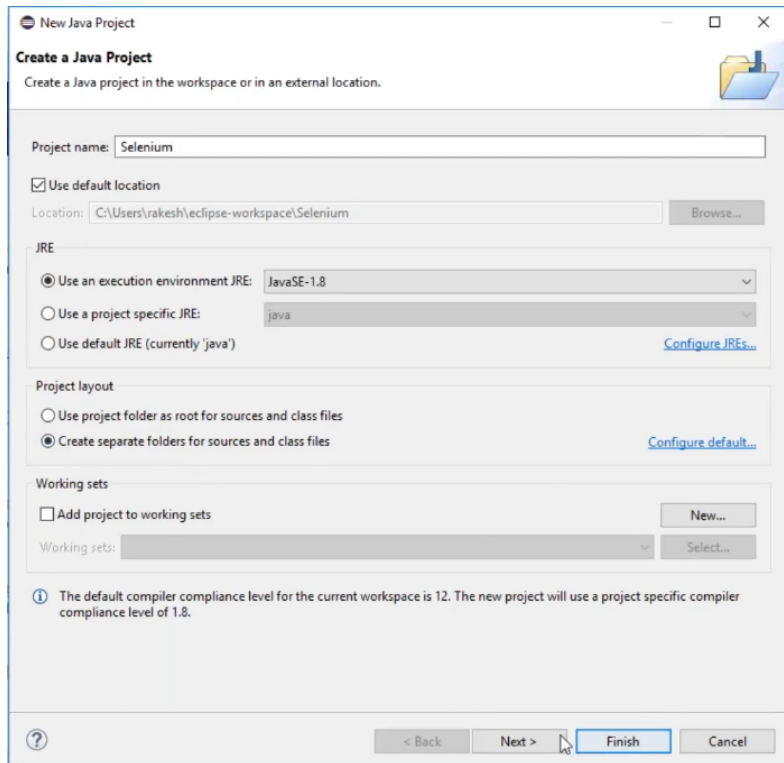
Try out the samples

**What's New**

Find out what is new

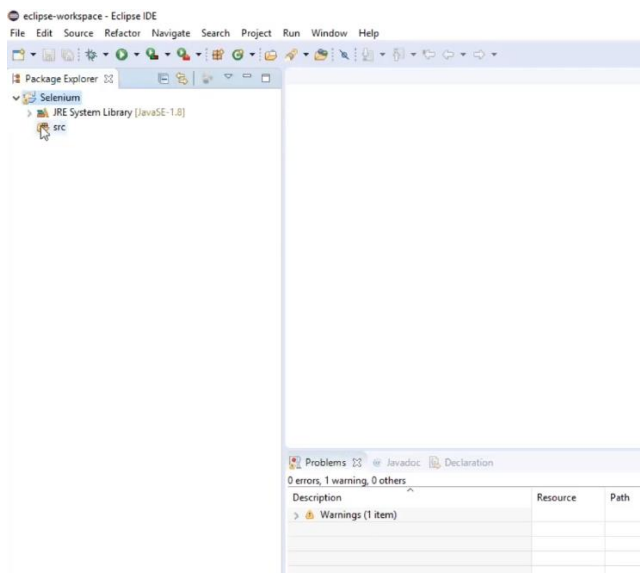


Right Click on your project and go to build path.

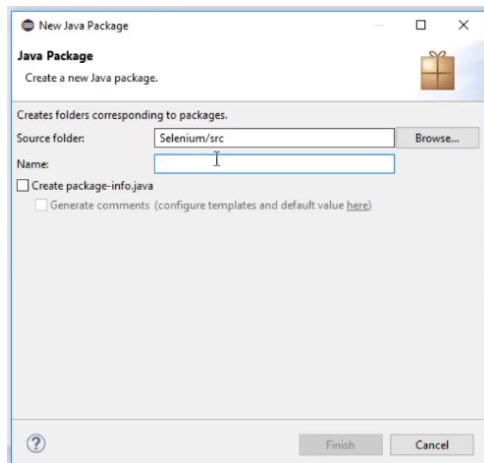
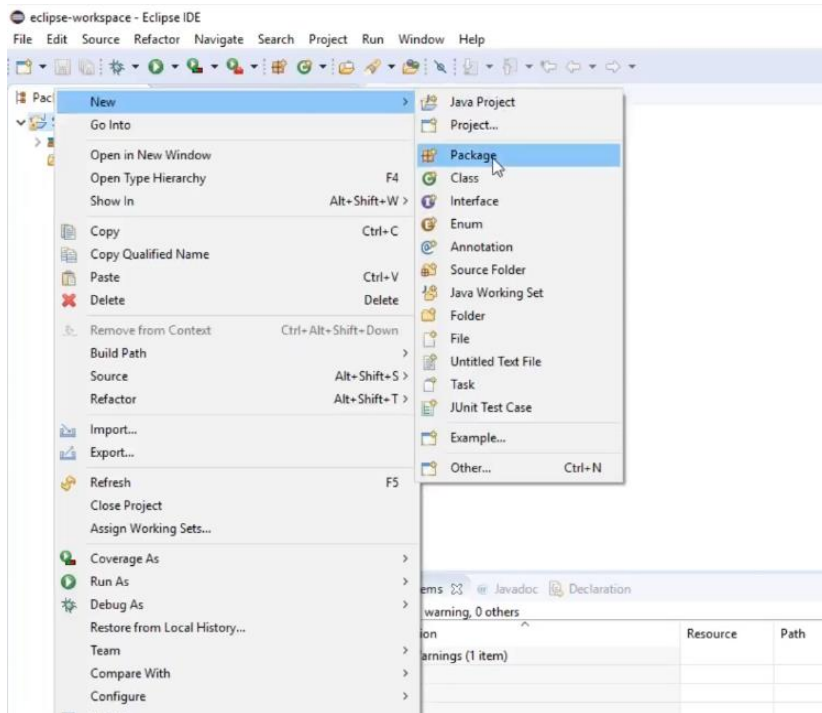


Select some older version of java in use an execution environment JRE above

Once the project is created then click on selenium and then src icon.

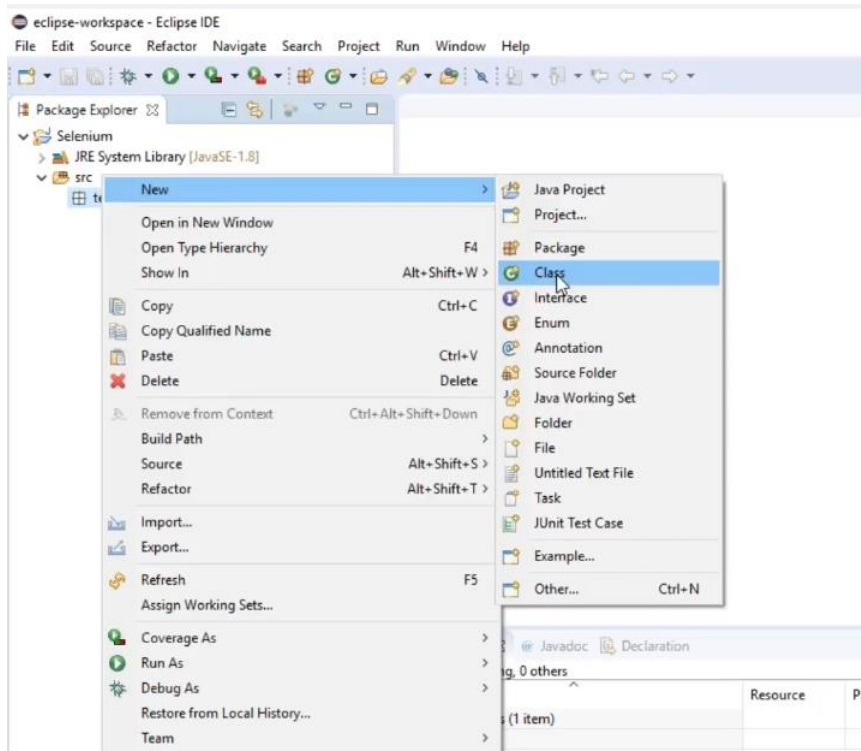


Now right click on selenium icon and create package

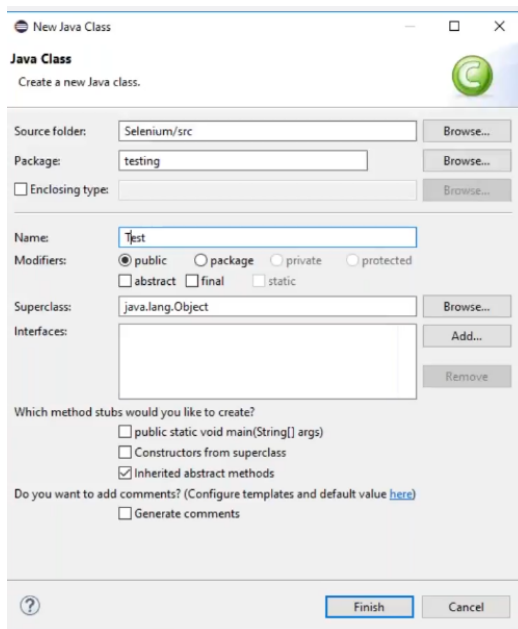


Give package name in small i.e testing

Now right click on package and go for class

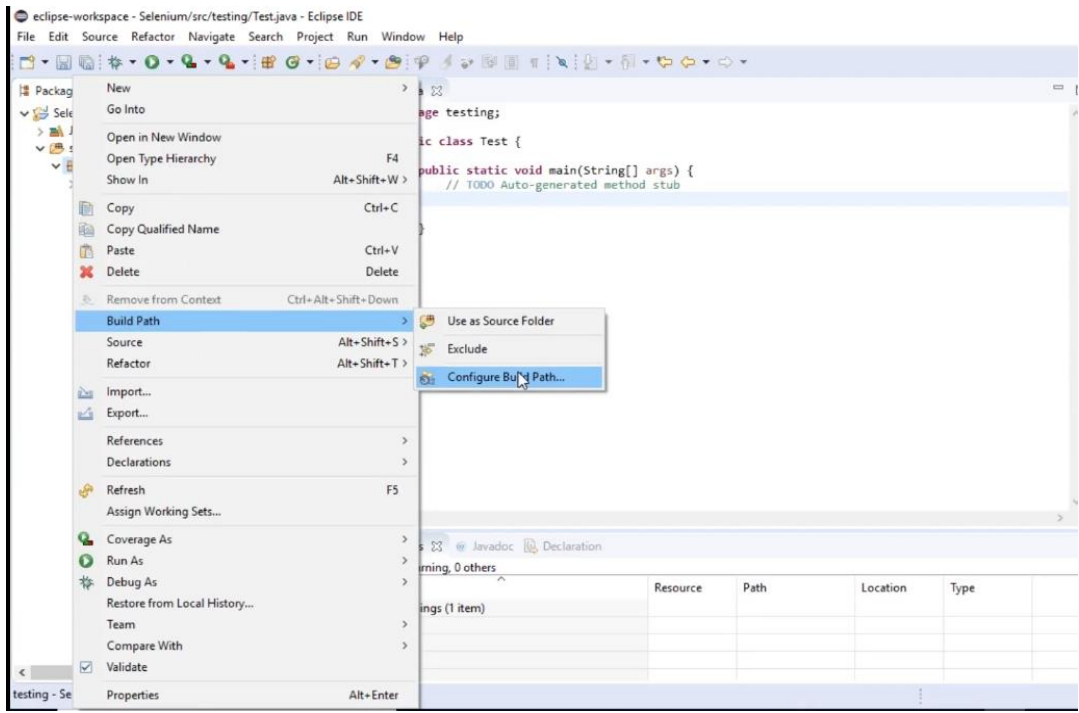


Package name should start from Caps

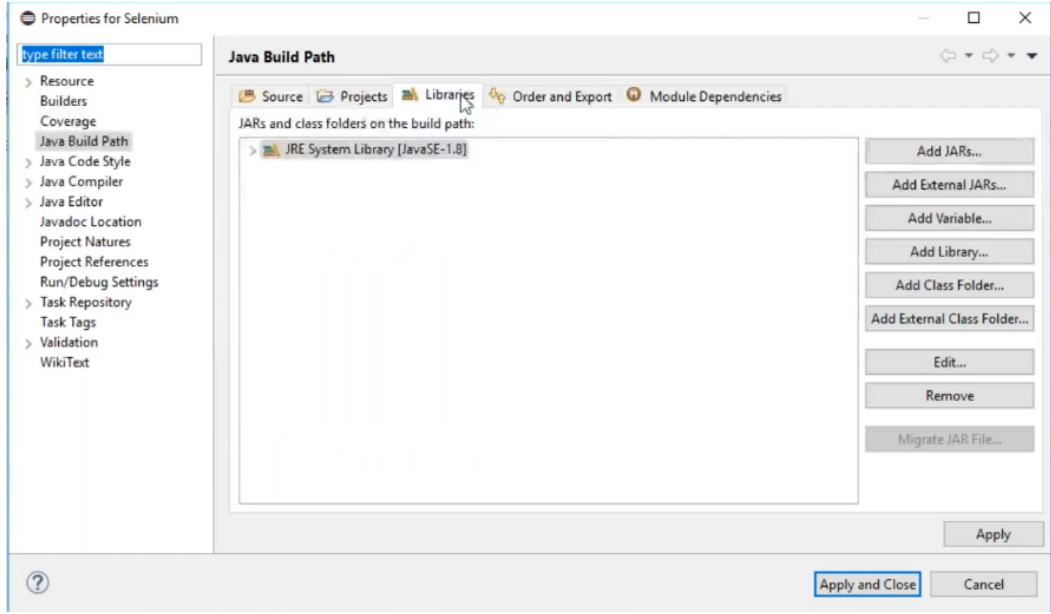


Selection public static void main from above option.

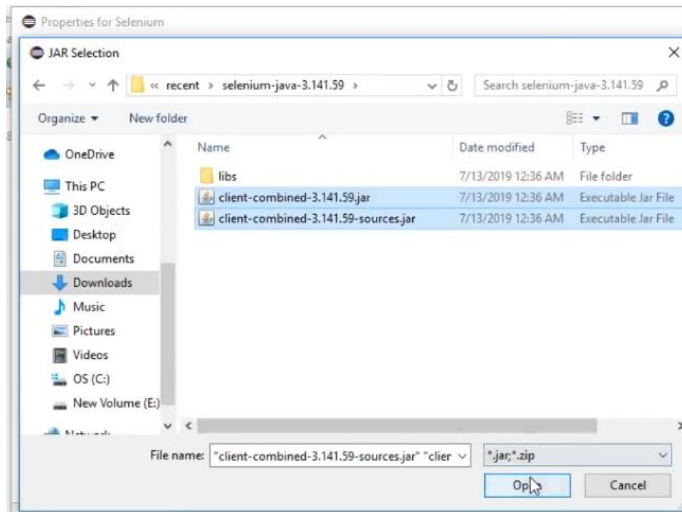
Now we need to add selenium jar in in eclips so right click on testing class then go to build path then configure build path.



Now go to libraries and then click add external jars then selection selenium jar

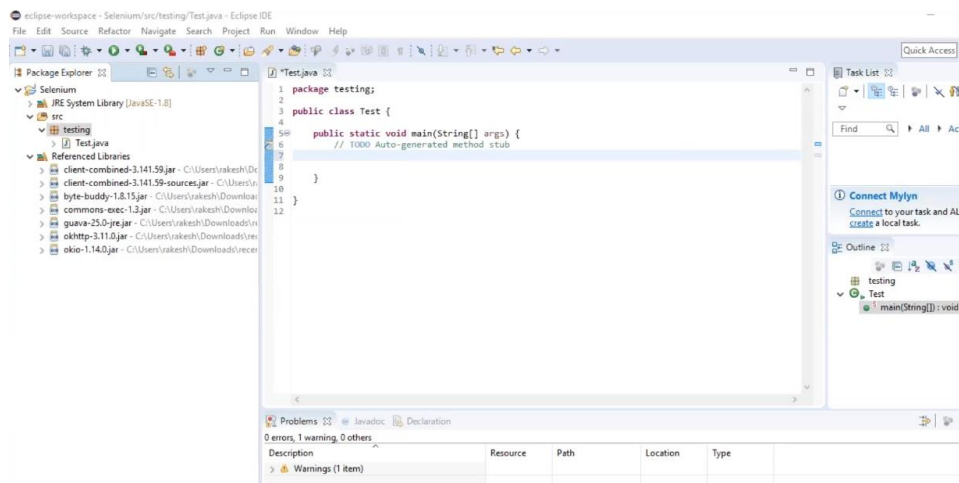


Select selenium jar by clicking on add external jar and select client-combined jar

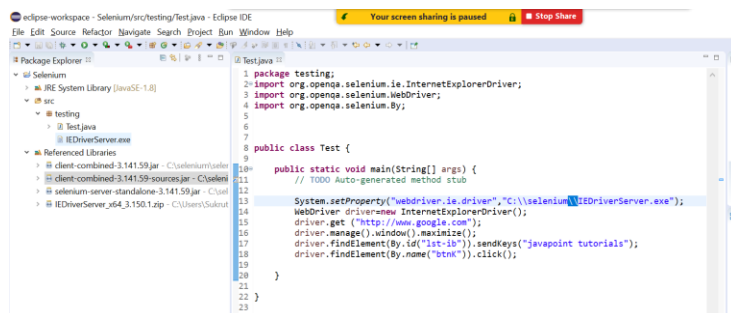


Now add remaining jar from seleninu jar archive then apply and close.

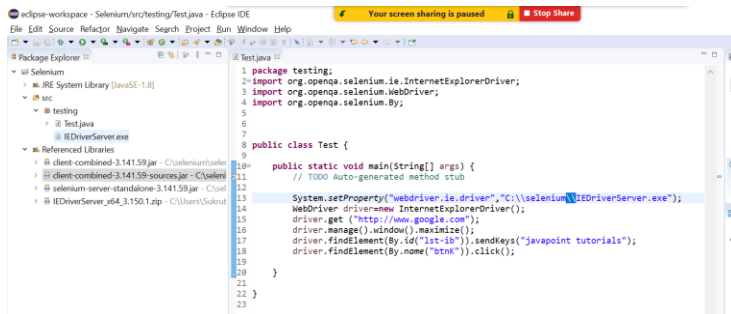
Now your class should look like this below screen



Now copy the internetexplorer drive(IEDriverServer.exe file) to your package testing.



Now we need to write test cases to login to any website and do some test.

A screenshot of an IDE window showing a Selenium test. The Package Explorer on the left shows a project structure with Selenium, JRE System Library, and TestJava. The main editor displays the following Java code:

```
1 package testing;
2 import org.openqa.selenium.ie.InternetExplorerDriver;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.By;
5
6
7
8 public class Test {
9
10     public static void main(String[] args) {
11         // TODO Auto-generated method stub
12
13         System.setProperty("webdriver.ie.driver", "C:\\selenium\\IEDriverServer.exe");
14         WebDriver driver=new InternetExplorerDriver();
15         driver.get ("http://www.google.com");
16         driver.manage().window().maximize();
17         driver.findElement(By.id("lst-ib")).sendKeys("javapoint tutorials");
18         driver.findElement(By.name("btnK")).click();
19     }
20 }
21
22 }
23
```

```
package testing;
import org.openqa.selenium.ie.InternetExplorerDriver;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.By;
```

```
public class Test {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        System.setProperty("webdriver.ie.driver", "C:\\selenium\\IEDriverServer.exe");
        WebDriver driver=new InternetExplorerDriver();
        driver.get ("http://www.google.com");
        driver.manage().window().maximize();
        driver.findElement(By.id("lst-ib")).sendKeys("javapoint tutorials");
        driver.findElement(By.name("btnK")).click();

    }

}
```

*****&*****&*****

