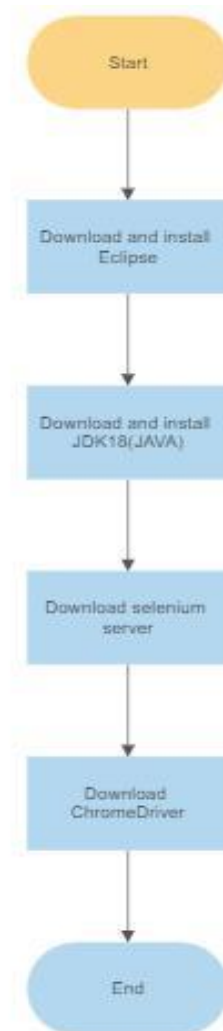


## Testing environment

### Setup Flowchart

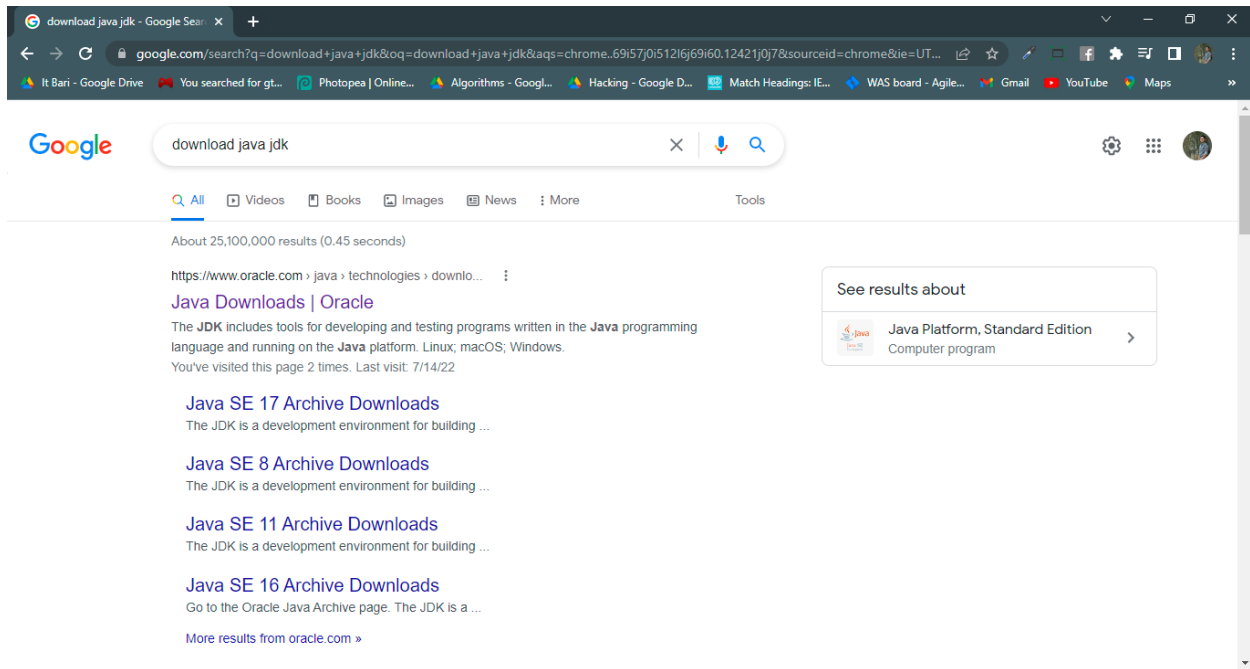


## Flowchart for Testing Process

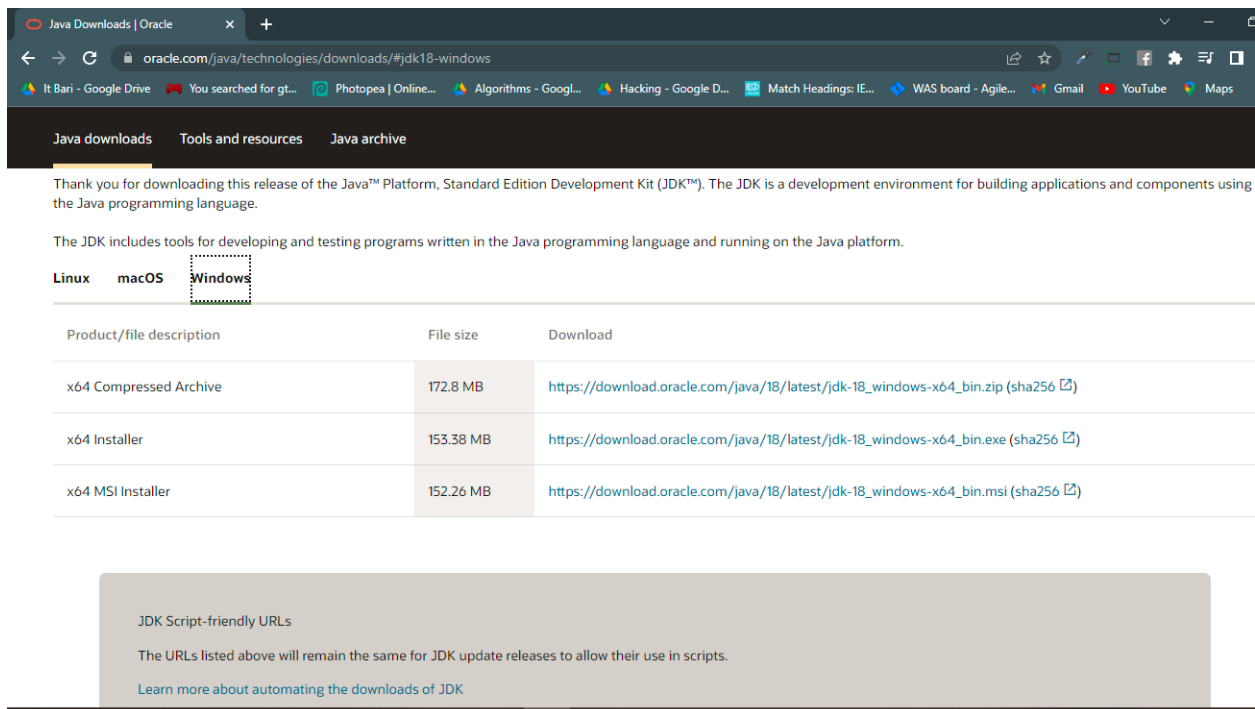


# Download Java jdk

Go to google search, and search download java jdk

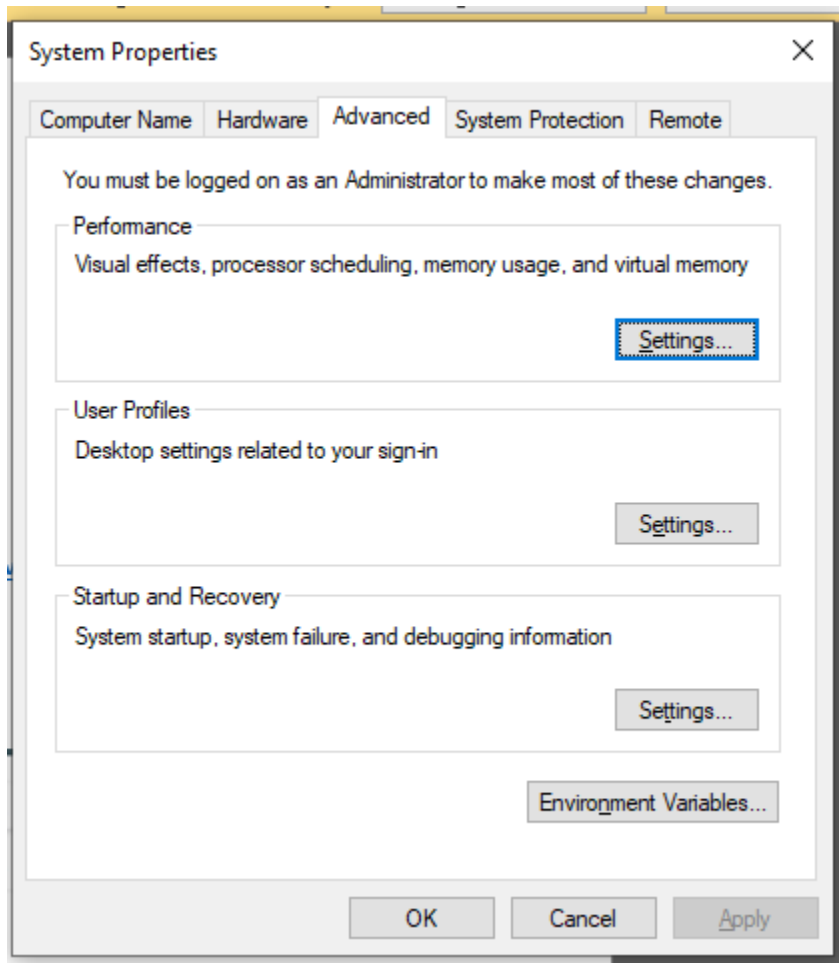


Click first option

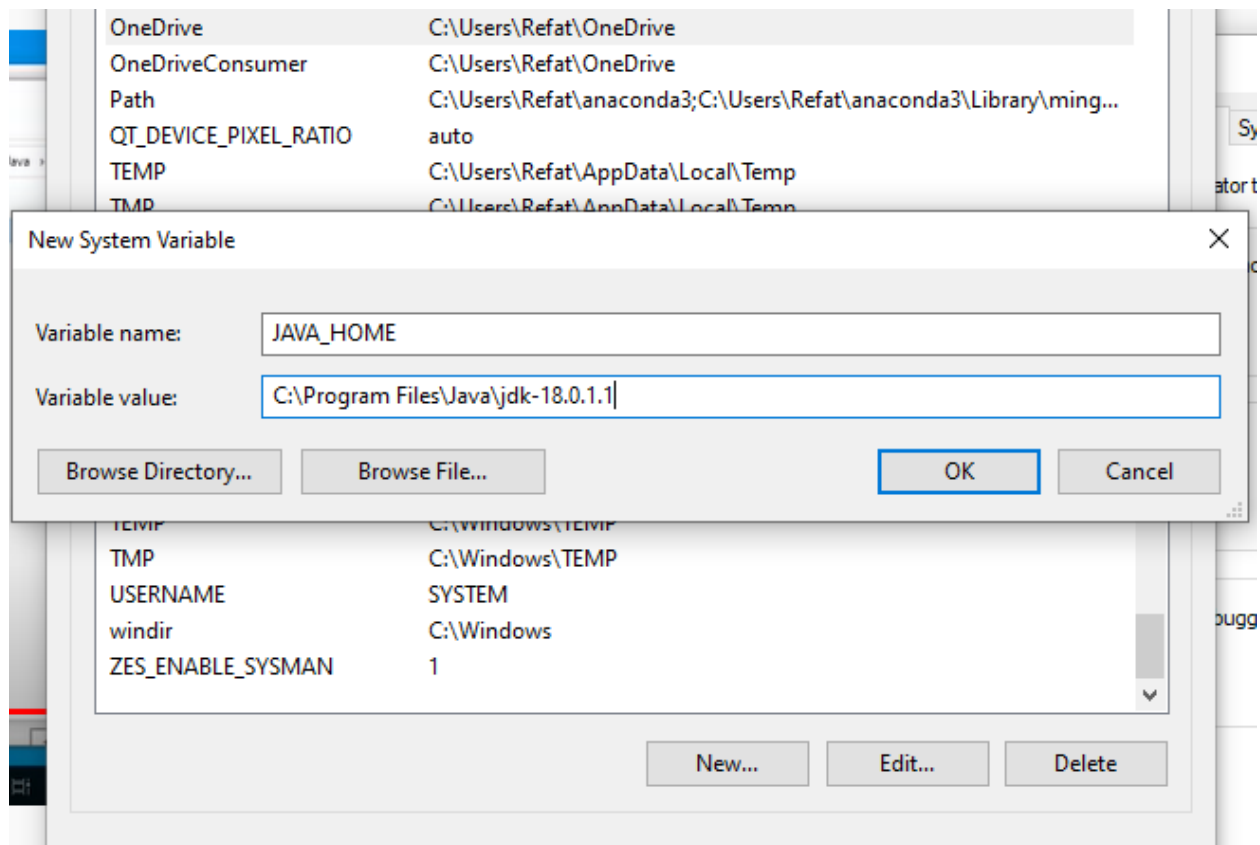


Download jdk

After that , go to your pc and go to the search option for search edit the system environment variable and open it.



Go to the Environment variable



Click new

Write variable name : JAVA\_HOME

And copy the java jdk folder path and past in variable value than ok

Check the java version

Go to pc search option and open command prompt

Than write , java -version

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Refat>java -version
java version "18.0.1.1" 2022-04-22
Java(TM) SE Runtime Environment (build 18.0.1.1+2-6)
Java HotSpot(TM) 64-Bit Server VM (build 18.0.1.1+2-6, mixed mode, sharing)

C:\Users\Refat>
```

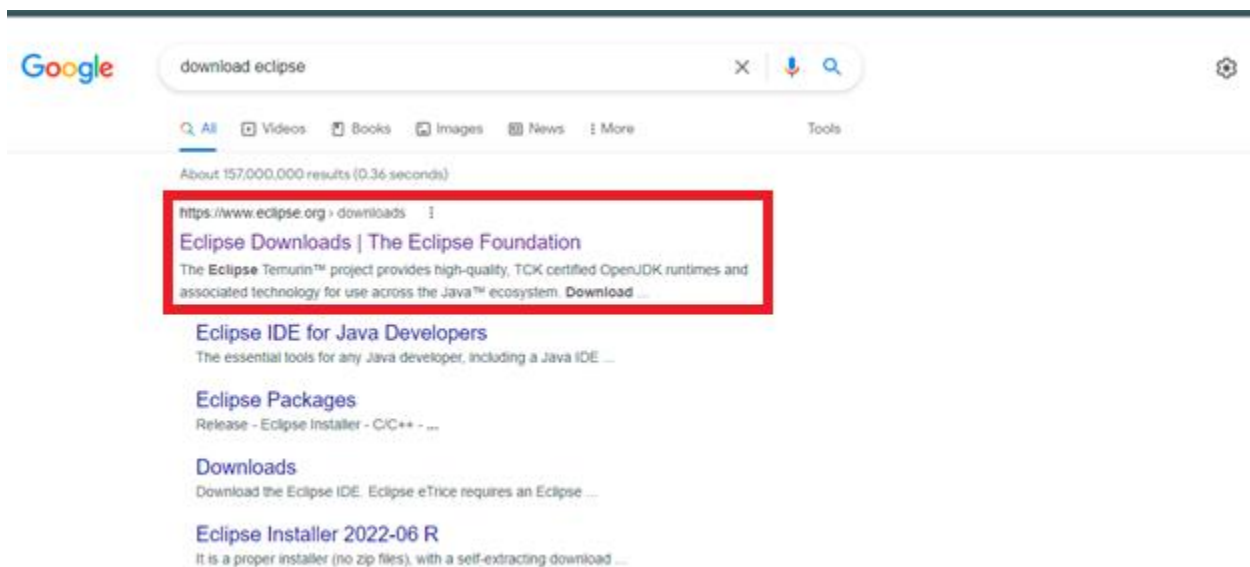
Install successful

## Install Eclipse

Ref youtube video: <https://www.youtube.com/watch?v=N-wXTRpR03U>

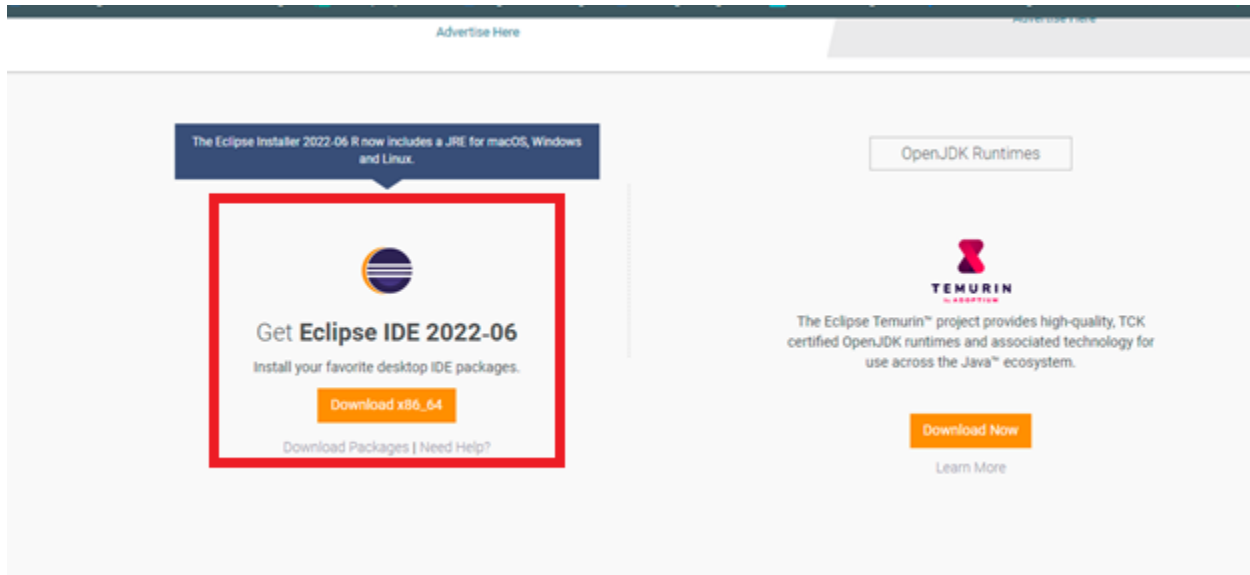
Go to the Google

And search – download Eclipse

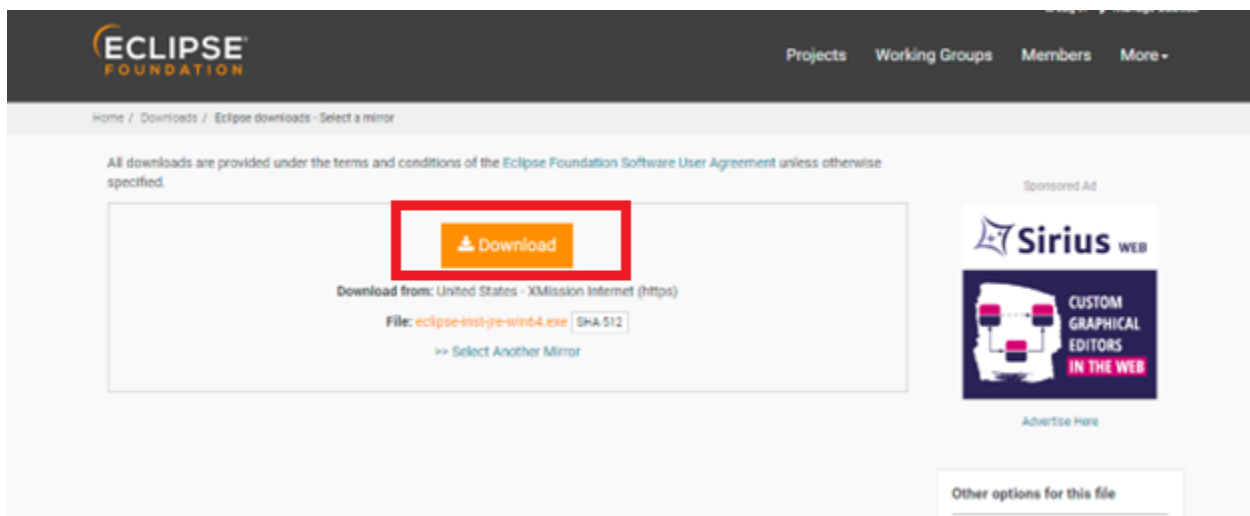


Go to first option(mark)

Find the website and scroll.



Click download x86\_64 (mark)



Click download

after download ,go to the download folder and install eclipse

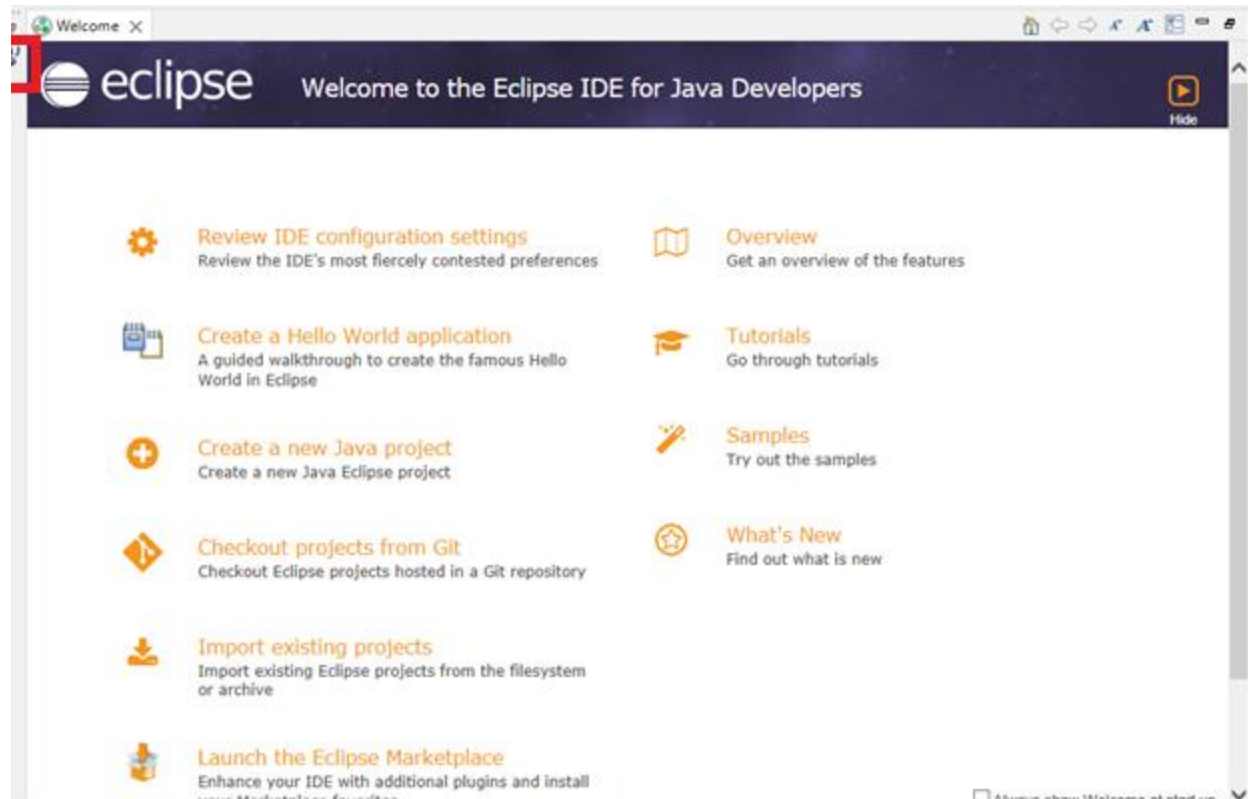
when you open eclipse you see ,



Go first option (mark) because I am working with java .

After that we see,



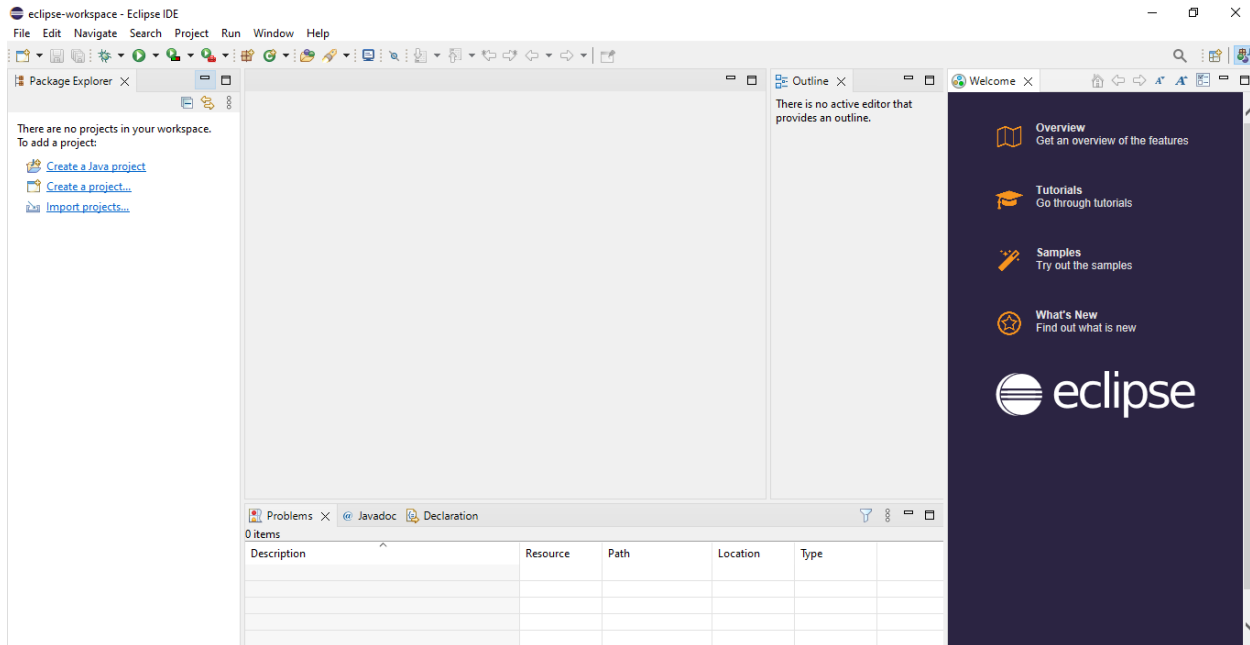




Click install

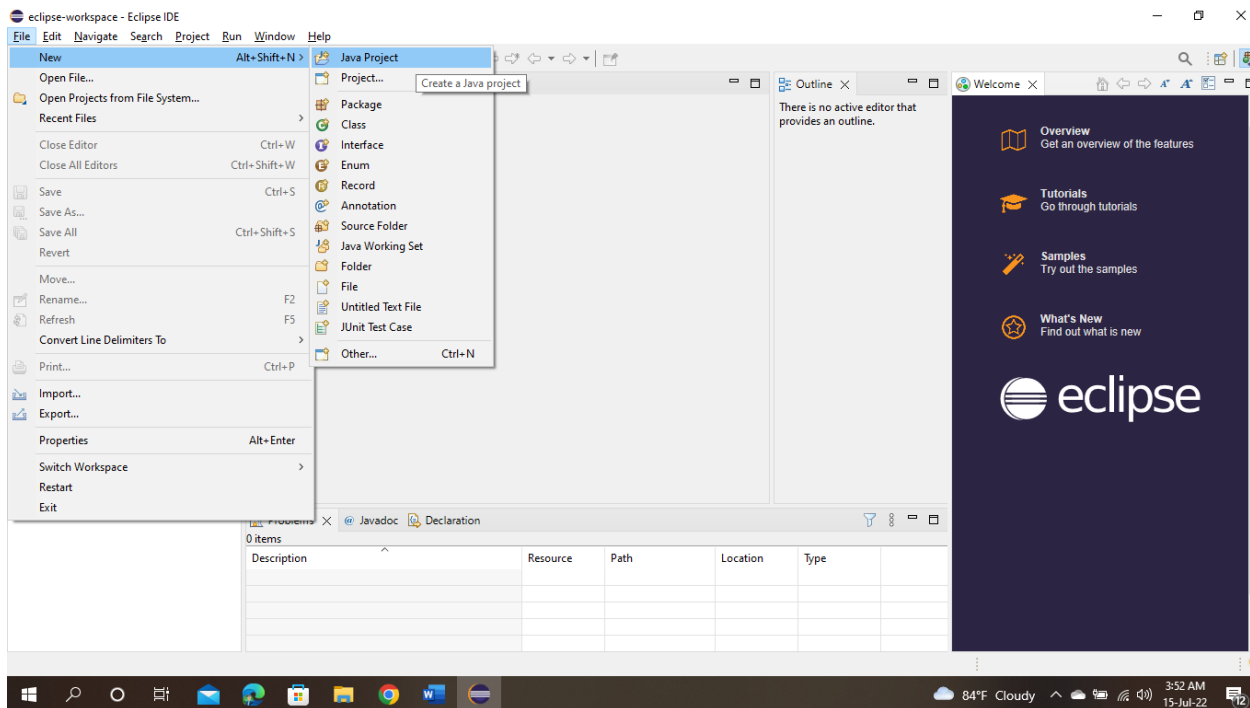
Go to the mark option

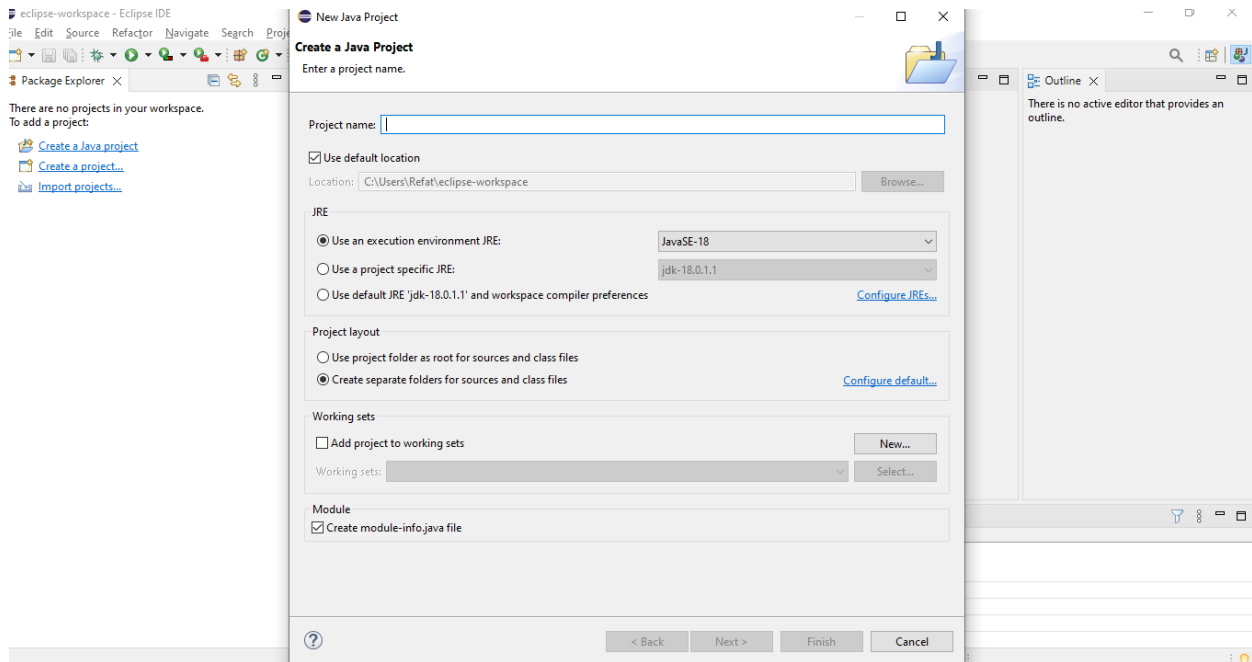
We find ,



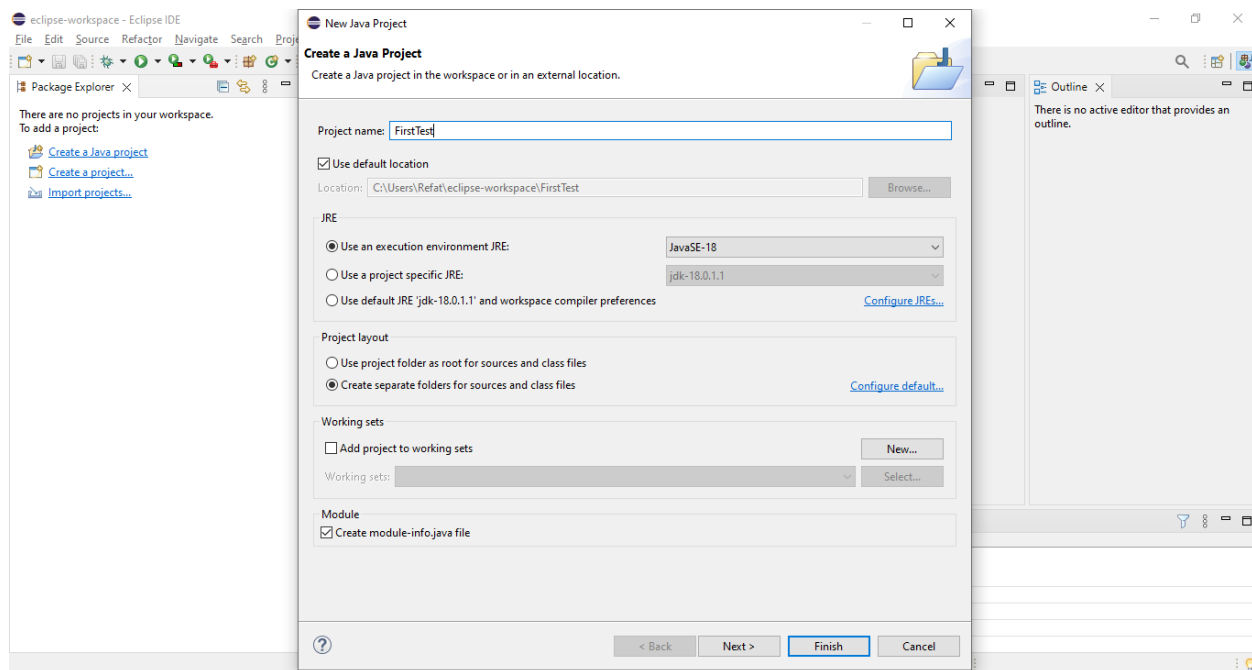
Then go to the file option and create java project

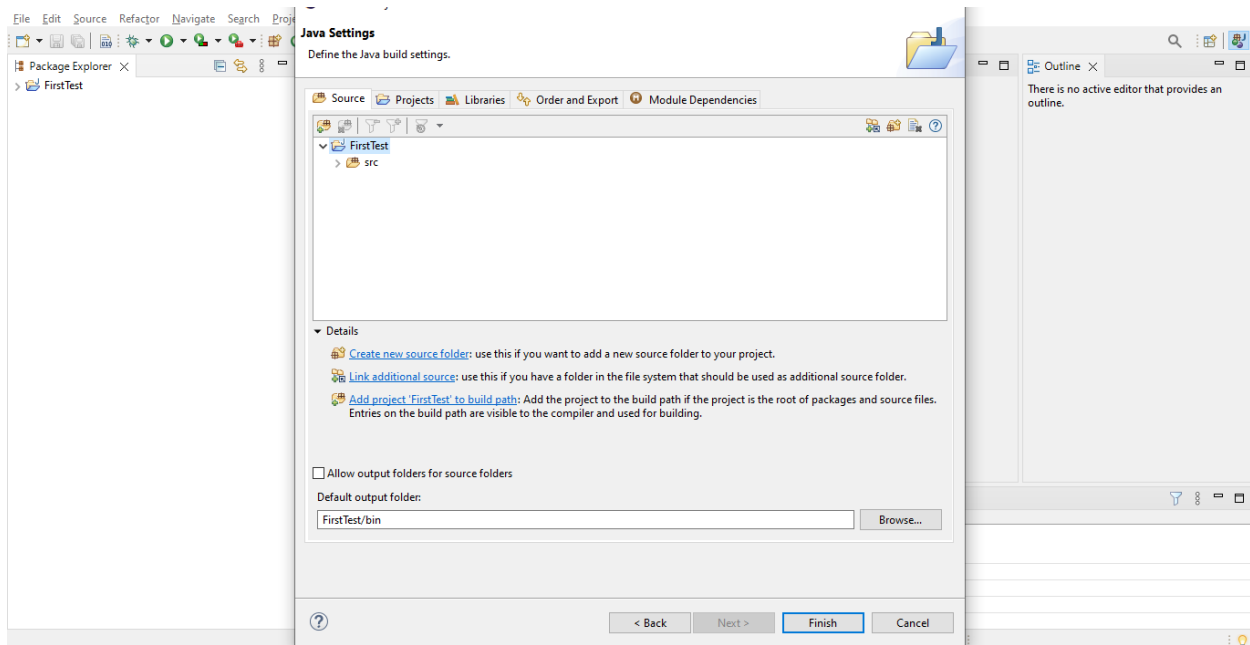
Under this project we create package and class.i show in te below,



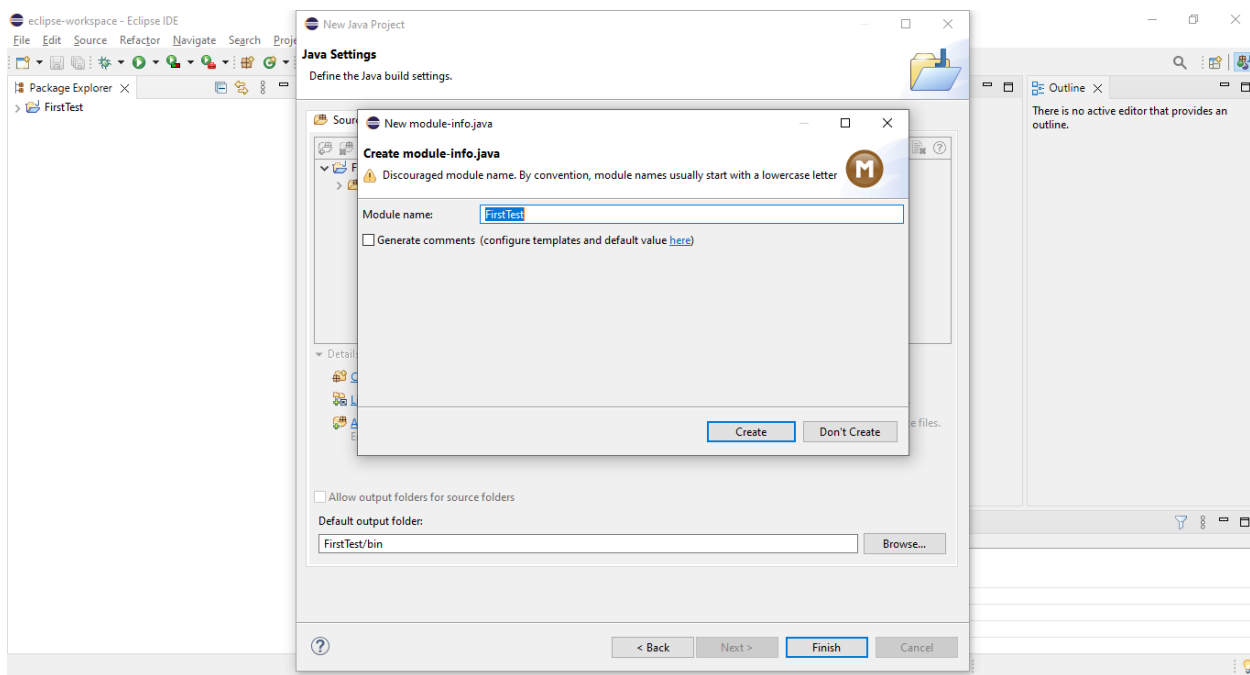


Write project name (your choice) and click next.

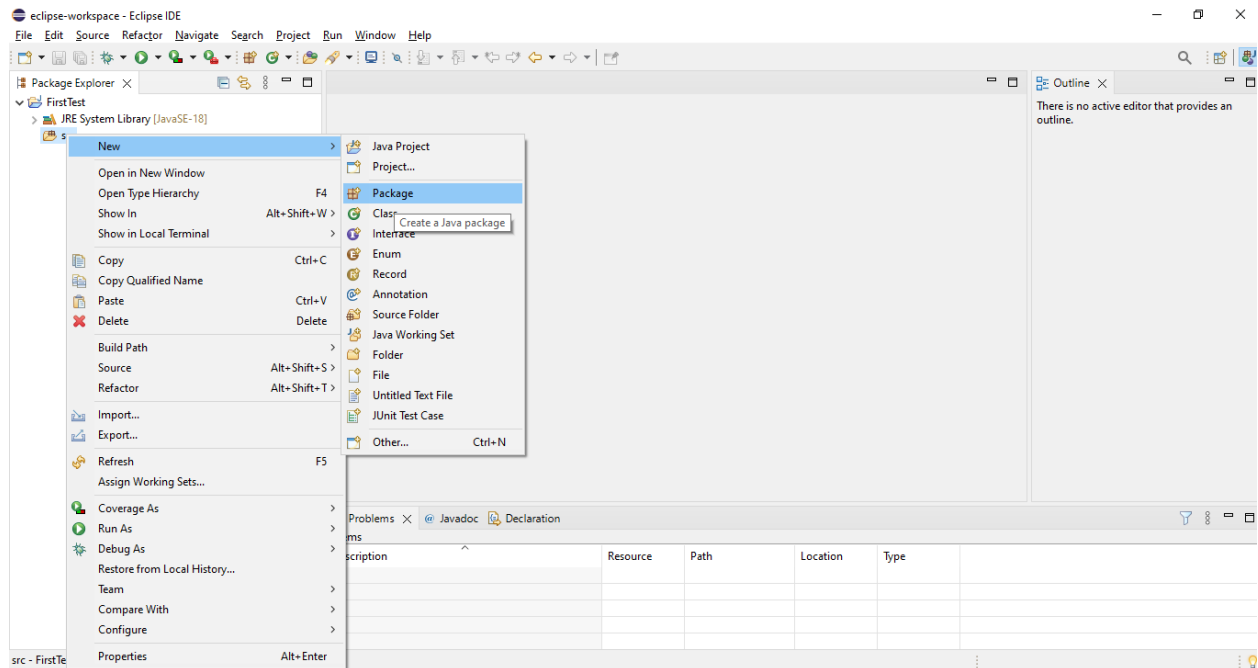




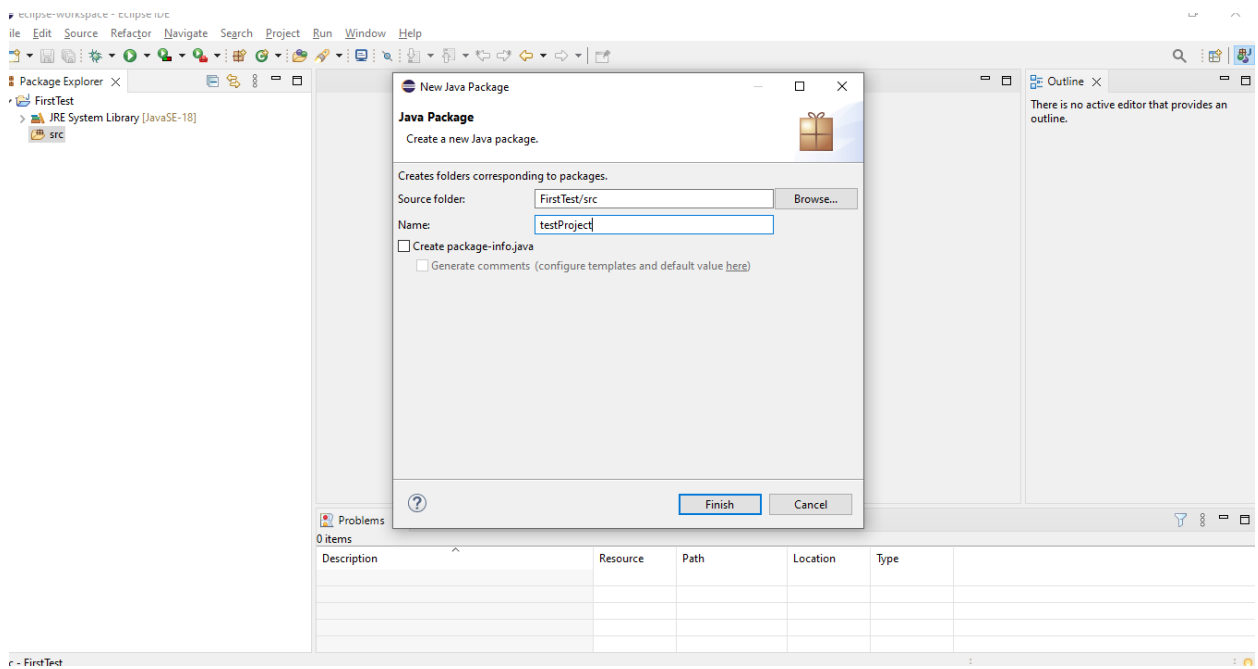
Click finish



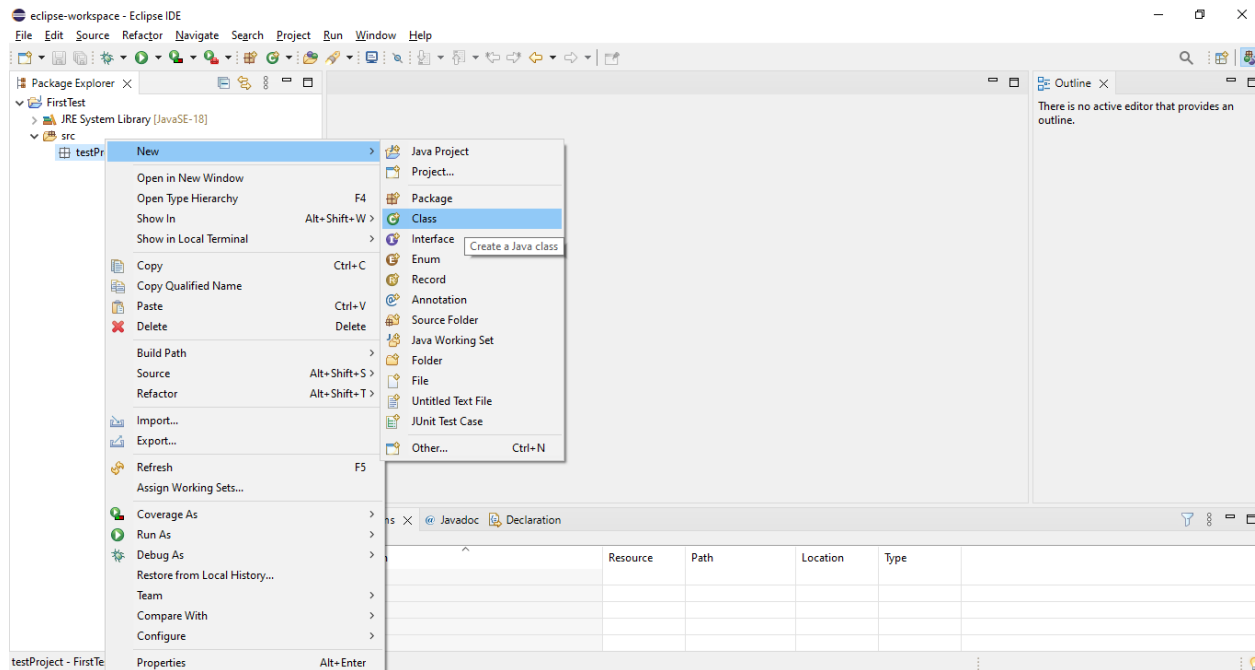
We don't need any module.so click do not create and finish



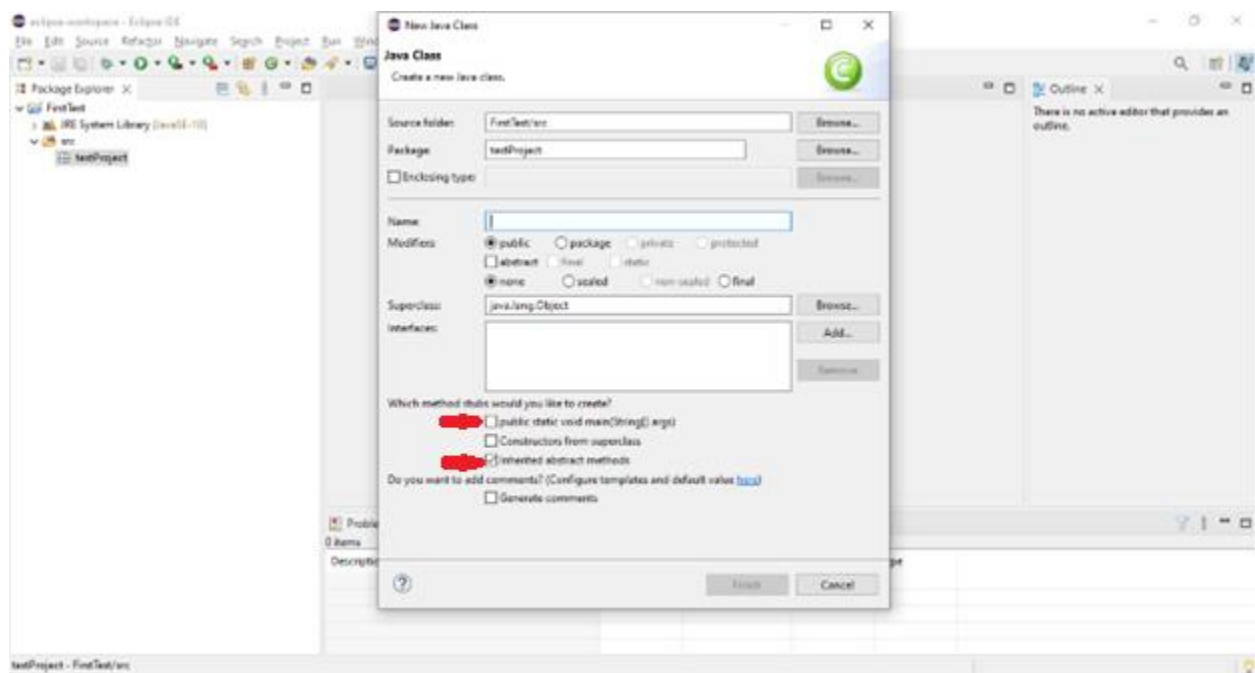
## Create package



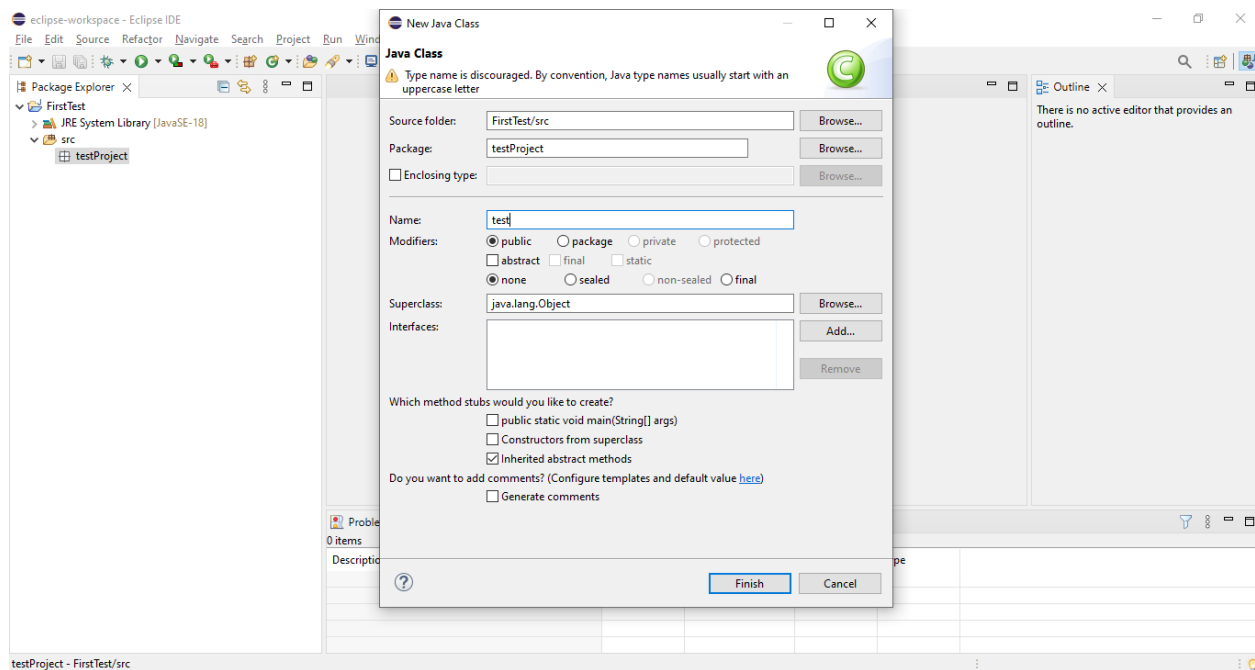
Write the name(your choice) and click finish



## Create class



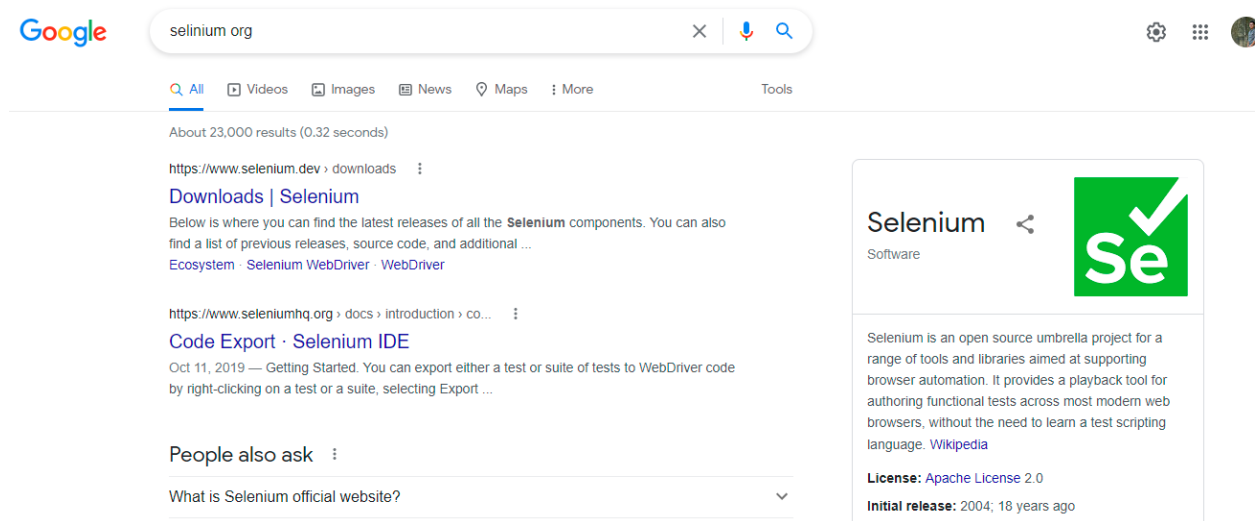
Write the name and check mark 2 option



Click finish


## Download selenium

Next go to google and search selenium org





Find 1<sup>st</sup> option Download | Selenium. click



 Selenium

About ▾DownloadsDocumentationProjectsSupportBlogEnglish ▾

Q Search  

# Downloads

Below is where you can find the latest releases of all the Selenium components. You can also find a list of previous releases, source code, and additional information for Maven users.

## Selenium Server (Grid)


The Selenium Server is needed in order to run Remote Selenium WebDriver (Grid).

Latest stable version **4.3.0**



To use the Selenium Server in a Grid configuration see the [documentation](#).

Click 4.3.0. And download


Scroll

 Selenium

About ▾DownloadsDocumentationProjectsSupportBlogEnglish ▾


Q Search  

## — Browsers




**Firefox**

GeckoDriver is implemented and supported by Mozilla, refer to their [documentation](#) for supported versions.




**Internet Explorer**

Only version 11 is supported, and it requires additional [configuration](#).

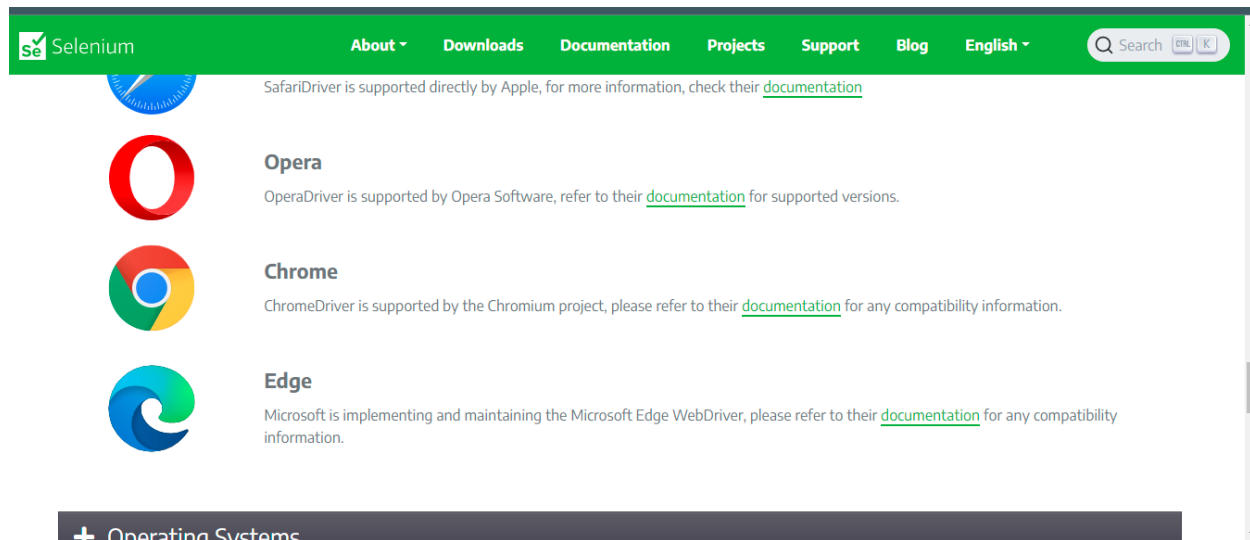


**Safari**

SafariDriver is supported directly by Apple, for more information, check their [documentation](#)



**Opera**

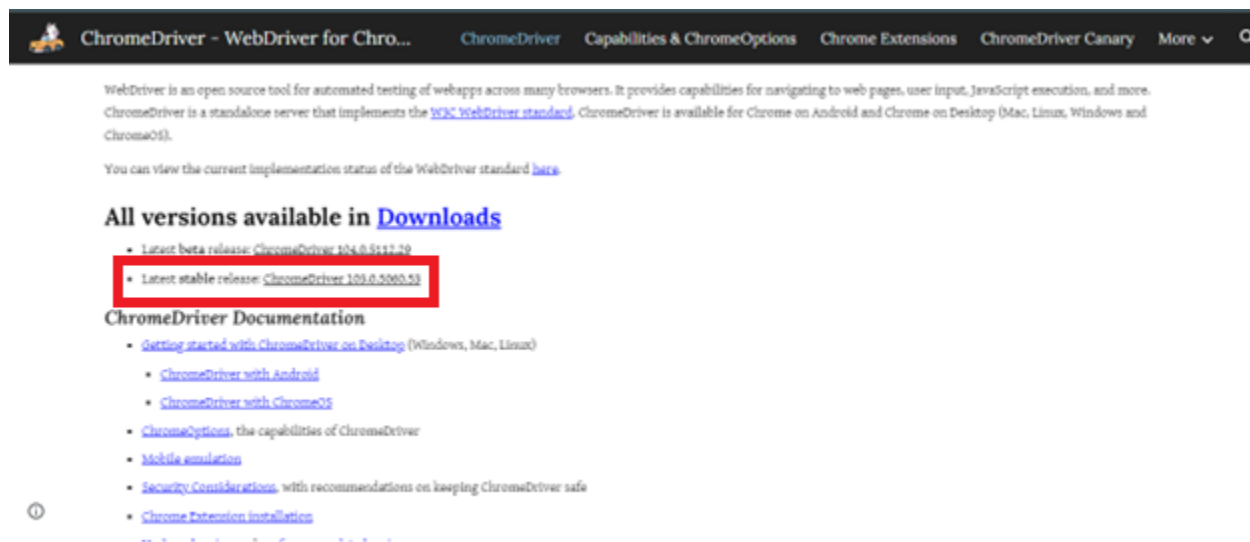


The Selenium website features a green header with navigation links: About, Downloads, Documentation, Projects, Support, Blog, and English. A search bar is located on the right. The main content area lists supported browsers with their respective logos and links to documentation:

- SafariDriver**: Supported directly by Apple, for more information, check their [documentation](#).
- Opera**: OperaDriver is supported by Opera Software, refer to their [documentation](#) for supported versions.
- Chrome**: ChromeDriver is supported by the Chromium project, please refer to their [documentation](#) for any compatibility information.
- Edge**: Microsoft is implementing and maintaining the Microsoft Edge WebDriver, please refer to their [documentation](#) for any compatibility information.

A dark grey button labeled "+ Operating Systems" is positioned below the browser list.

Go chrome



The ChromeDriver website has a dark header with navigation links: ChromeDriver, Capabilities & ChromeOptions, Chrome Extensions, ChromeDriver Canary, and More. The main content area includes:

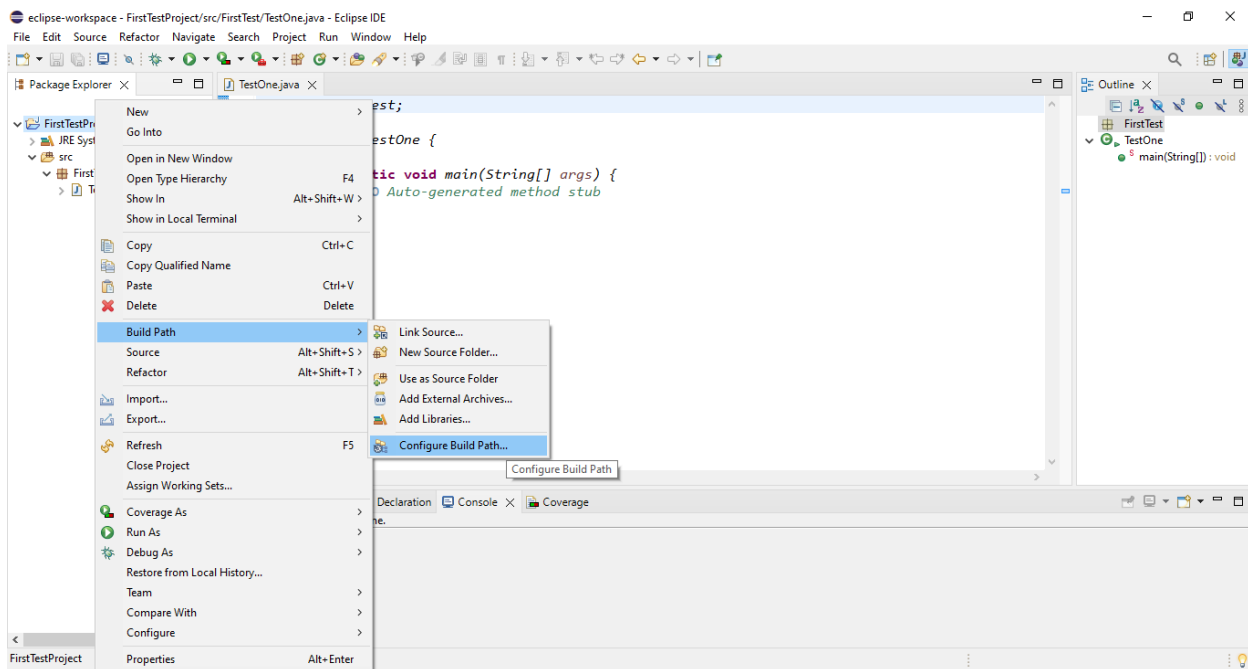
- A description of WebDriver as an open source tool for automated testing.
- A link to view the current implementation status of the WebDriver standard.
- A section titled "All versions available in [Downloads](#)" with two bullet points:
  - Latest beta release: [ChromeDriver 104.0.5112.78](#)
  - Latest stable release: [ChromeDriver 103.0.5060.53](#) (highlighted with a red box)
- A section titled "ChromeDriver Documentation" with links to:
  - Getting started with ChromeDriver on Desktop (Windows, Mac, Linux)
  - ChromeDriver with Android
  - ChromeDriver with ChromeOS
  - ChromeOptions, the capabilities of ChromeDriver
  - Mobile emulation
  - Security Considerations, with recommendations on keeping ChromeDriver safe
  - Chrome Extension installation

Download click the mark option

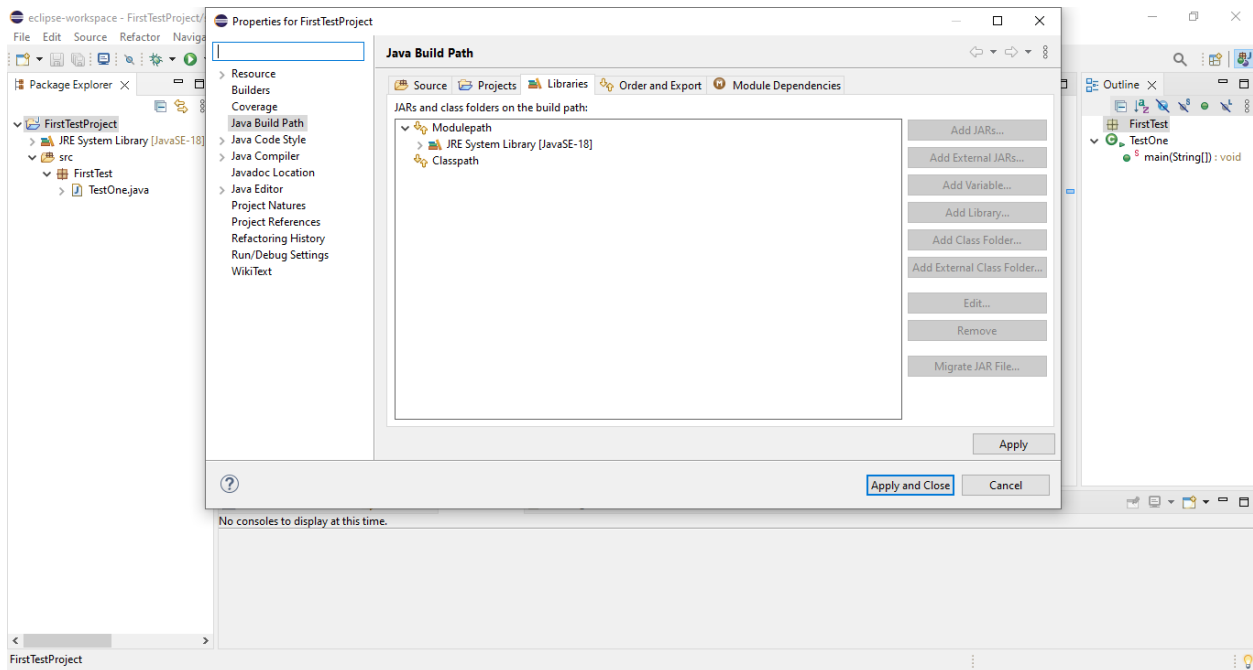
## Index of /103.0.5060.53/

| Name                                      | Last modified       | Size   | ETag                              |
|---|---------------------|--------|-----------------------------------|
| <a href="#">Parent Directory</a>          |                     |        |                                   |
| <a href="#">chromedriver_linux64.zip</a>  | 2022-06-22 08:40:24 | 6.73MB | 7024d17105fd68c6da9dae9d7c18affb8 |
| <a href="#">chromedriver_mac64.zip</a>    | 2022-06-22 08:40:27 | 7.99MB | b36af7477b93a3d5e9d8a2eddc9bcba   |
| <a href="#">chromedriver_mac64_m1.zip</a> | 2022-06-22 08:40:29 | 7.28MB | c4261b81ac647c38541ee728301718e5  |
| <a href="#">chromedriver_win32.zip</a>    | 2022-06-22 08:40:32 | 6.12MB | 797244dcad6012093c8955463c1c949   |
| <a href="#">notes.txt</a>                 | 2022-06-22 08:40:38 | 0.00MB | 266a503f3ac359de6ddcbab9122c3354  |

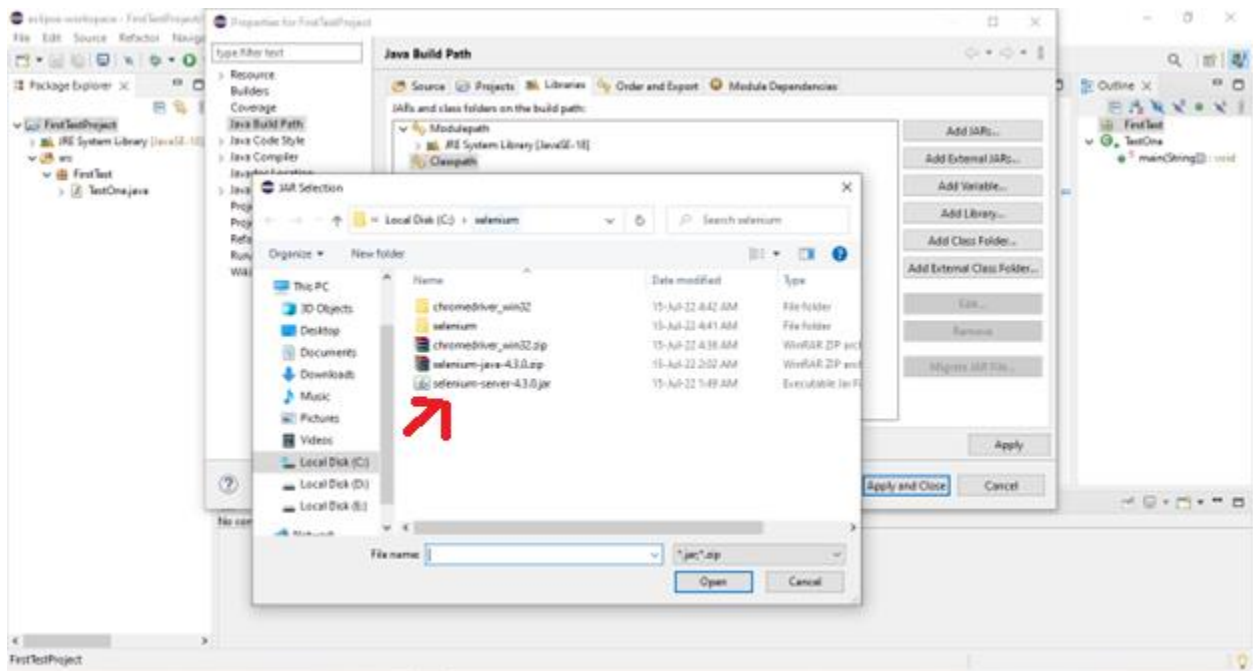
After download, go to eclipse software ,



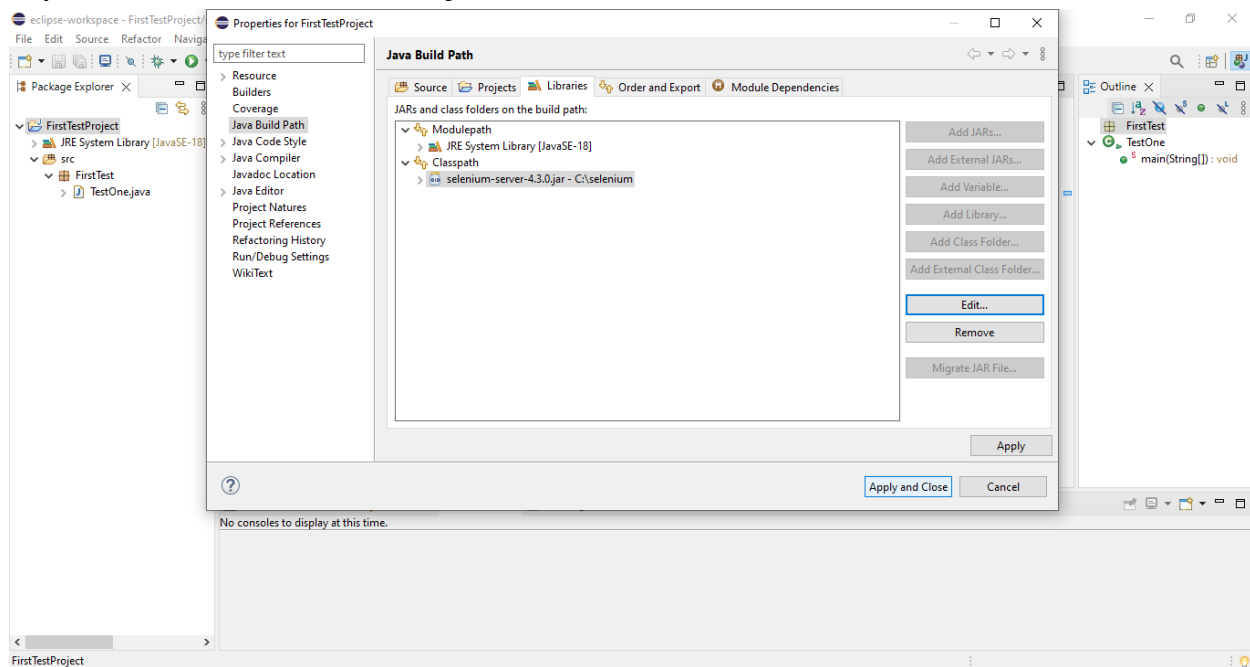
## Go to configure build path



Go to the libraries and click classpath than click Add External jars

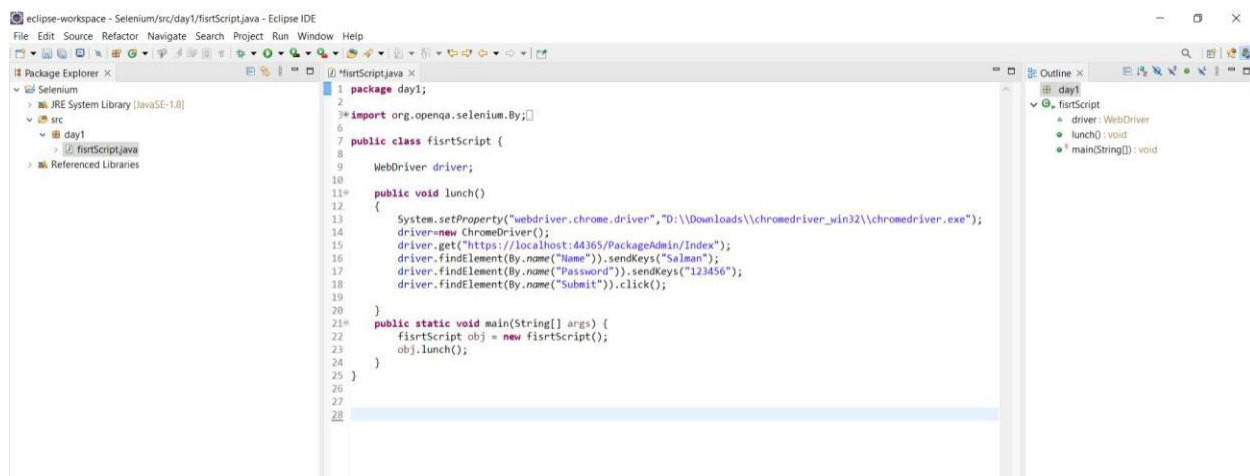


Open selenium server jar file.

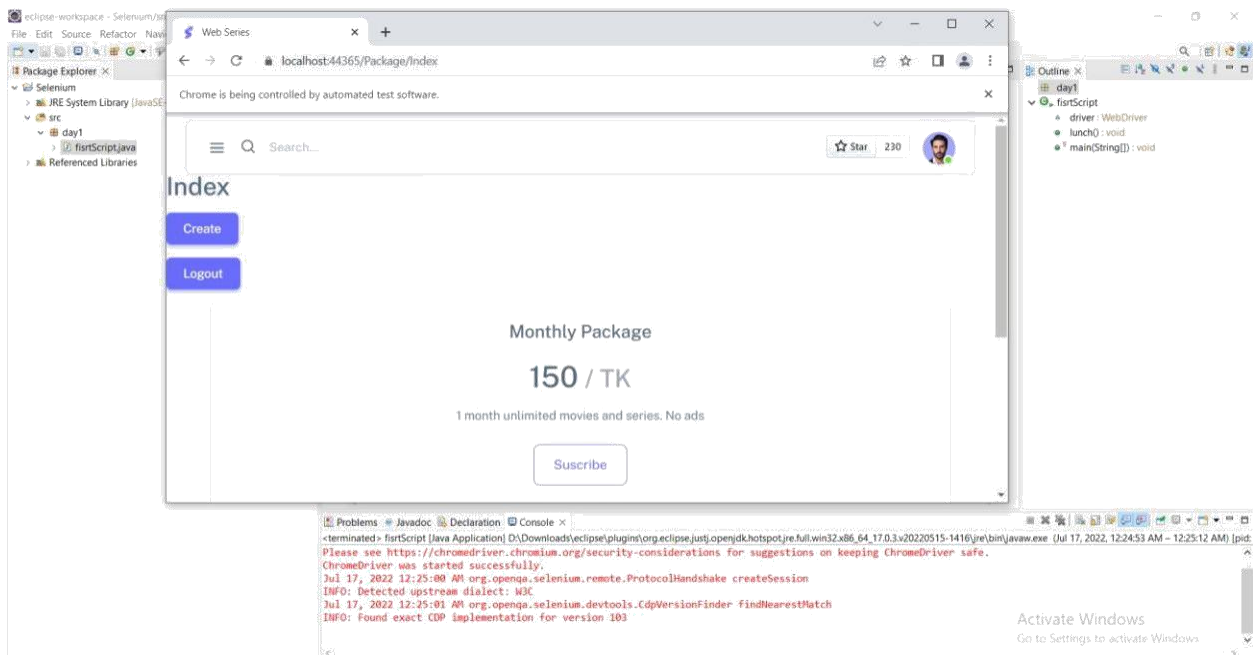
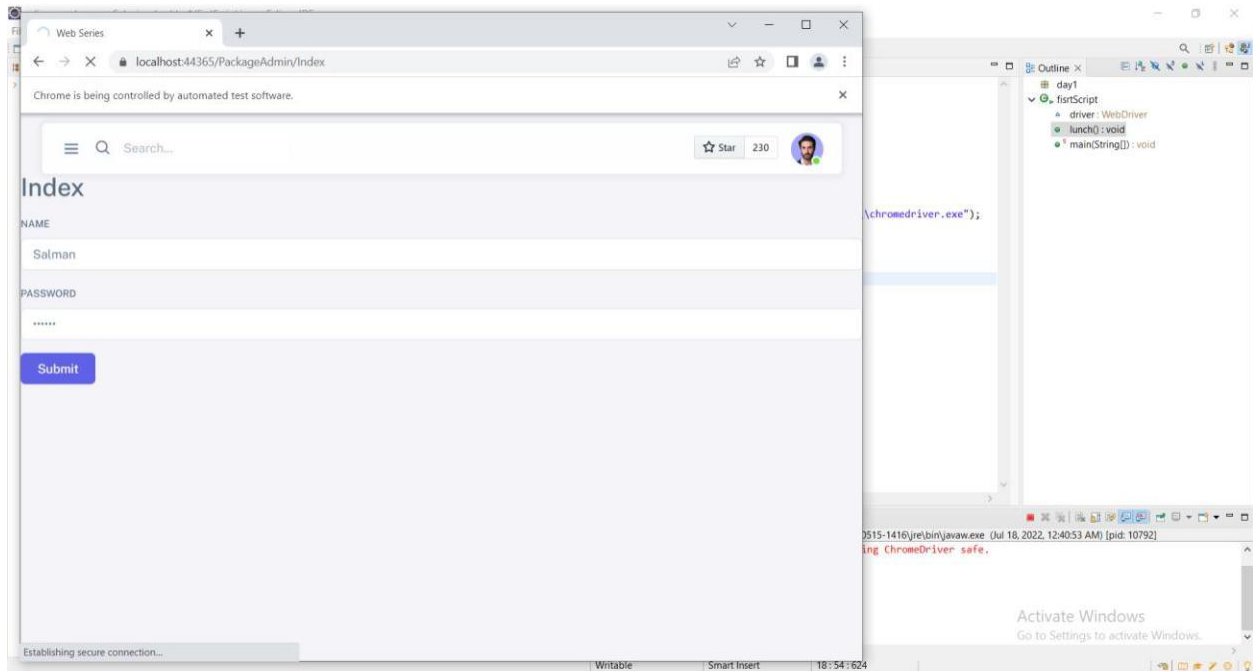


Click Apply and Close

Write test code:



## Test My Project:



Test Code :

```
package day1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class fisrtScript {

    WebDriver driver;

    public void lunch(){

        System.setProperty("webdriver.chrome.driver","D:\\Downloads\\chromedriver_win32\\chromedriver.exe");

        driver=new ChromeDriver();

        driver.get("https://localhost:44365/PackageAdmin/Index");

        driver.findElement(By.name("Name")).sendKeys("Salman");

        driver.findElement(By.name("Password")).sendKeys("123456");

        driver.findElement(By.name("Submit")).click();

    }

    public static void main(String[] args) {

        fisrtScript obj = new fisrtScript();

        obj.lunch();

    }

}
```