Eclipse IDE Installation Guide for Java project Development
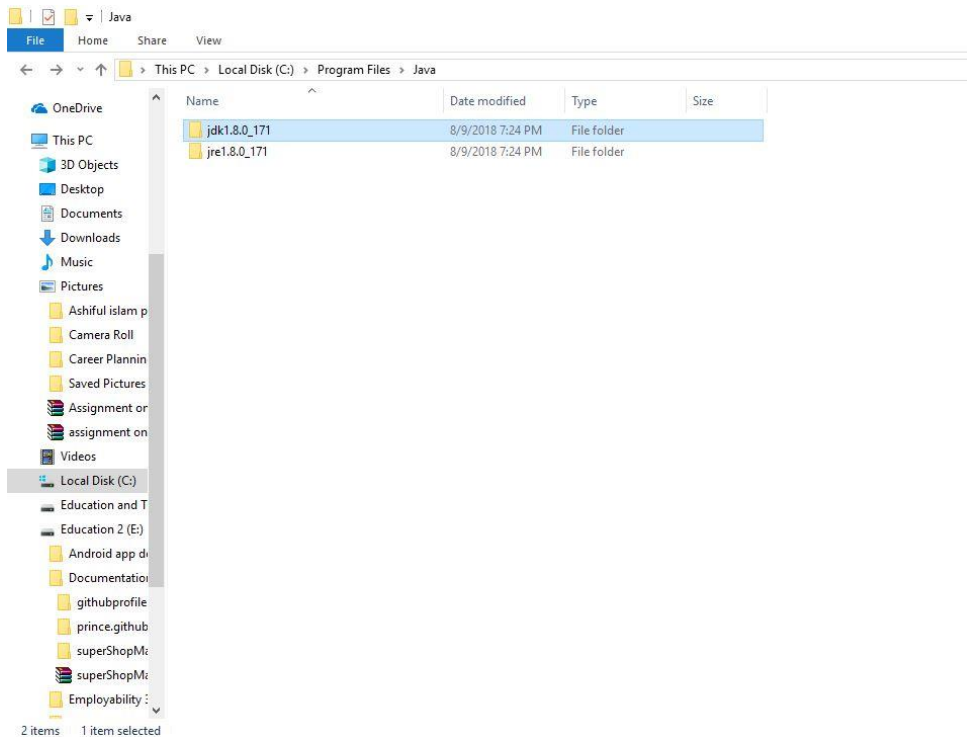## Version: 2018-09 (4.9.0)

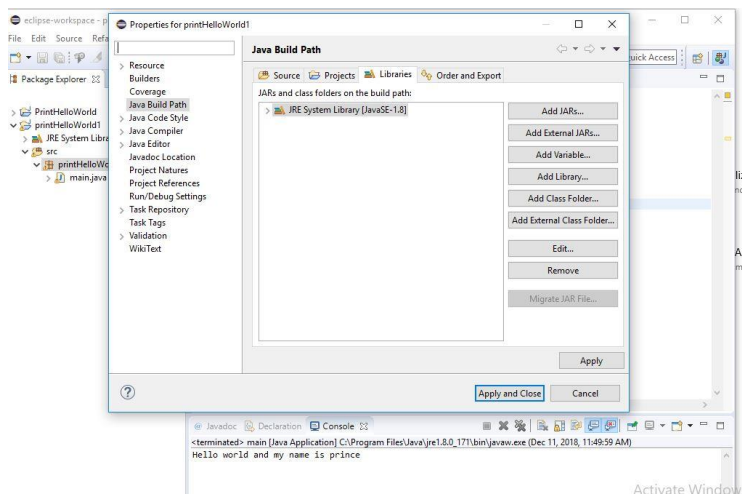# Contents

Pre-Requisite

Developing Java Applications, you need must download JDK**.** I have already JDK 1.8. So, I don't need to install this JDK. Whereas I have just set the path in eclipse
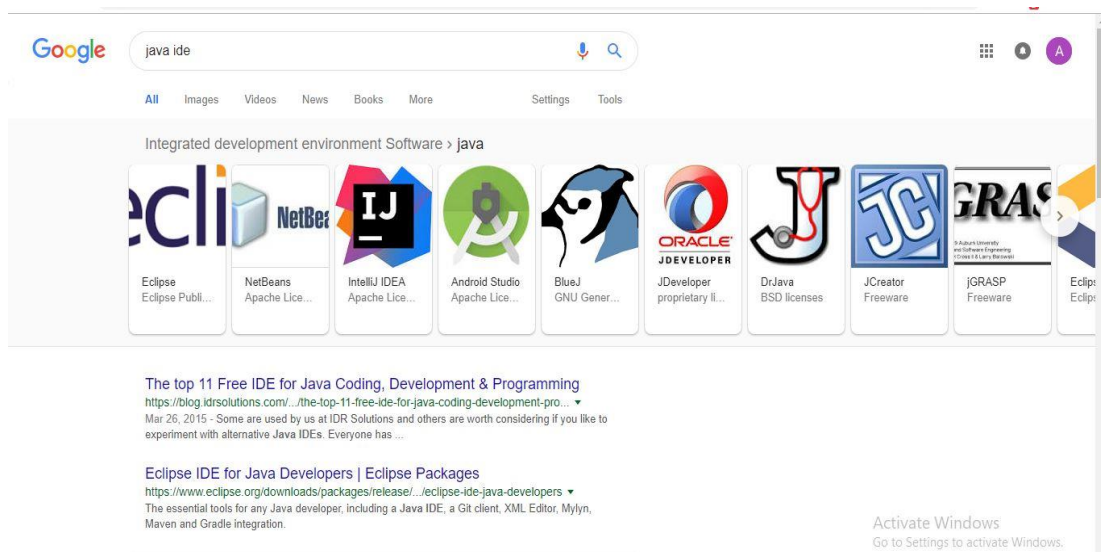
I have just set the path in the eclipse.

Download

1.Firstly, you can search in the google by writing java ide on search option.

Then, you can go to the official's sites of IDE for java coding development. And choose the eclipse options
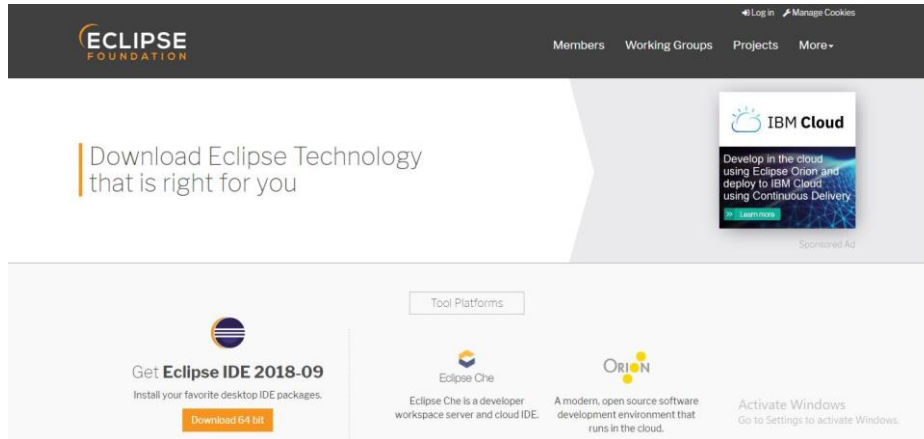
Eclipse

Eclipse is another free Java IDE for developers and programmers. It is mostly written in Java. Eclipse lets you create various cross-platform Java applications for use on mobile, web, desktop and enterprise domains.

Its main features include a Windows Builder, integration with Maven, Mylyn, XML editor, Git client, CVS client, and PyDev. It also contains a base workspace with an extensible plug-in system for customizing the IDE to suit your needs. Through plugins you can develop applications in other programming languages. These include C, C++, JavaScript,, Perl, PHP, Prolog, Python, R, Ruby (including Ruby on Rails framework), to name just a few.
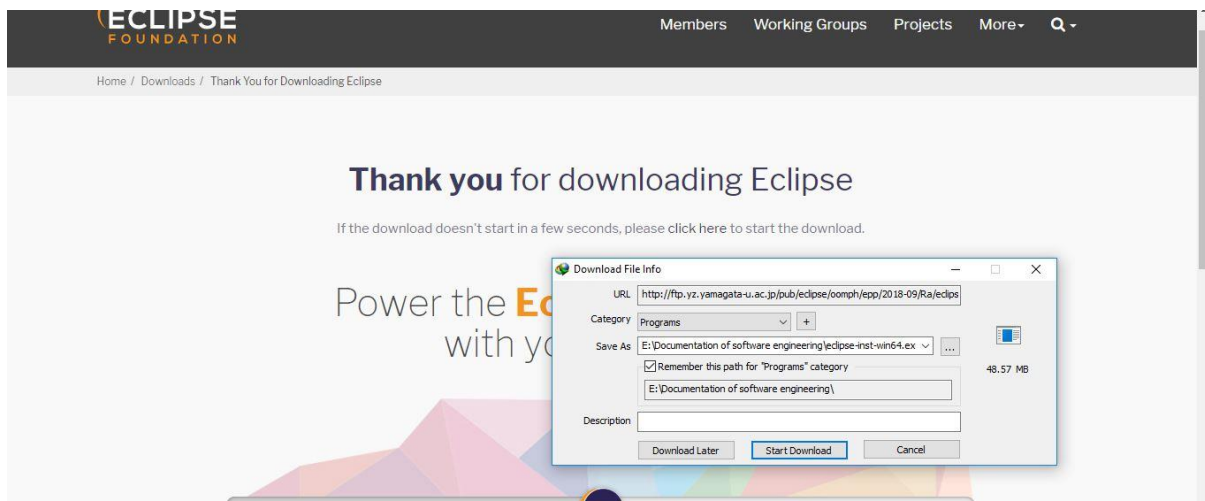
Eclipse is available under the Eclipse Public License and is available on Windows, Mac OS X and Linux.
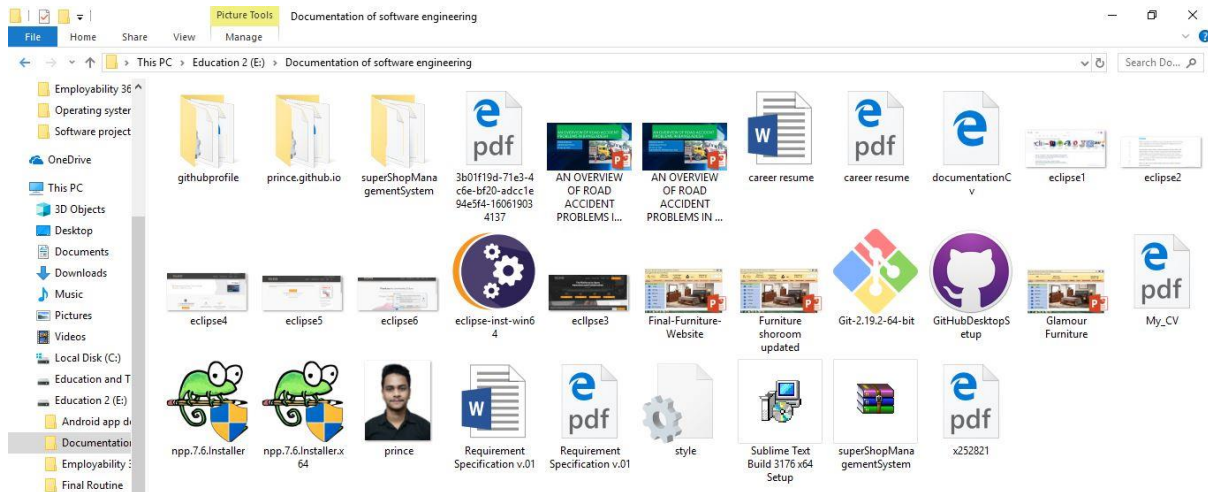
Activate Windows

After clicking the eclipse option, the download page will come like that and here you can download this based on your computer's configuration. The link of this officials Site https://www.eclipse.org/downloads/ you can download from here

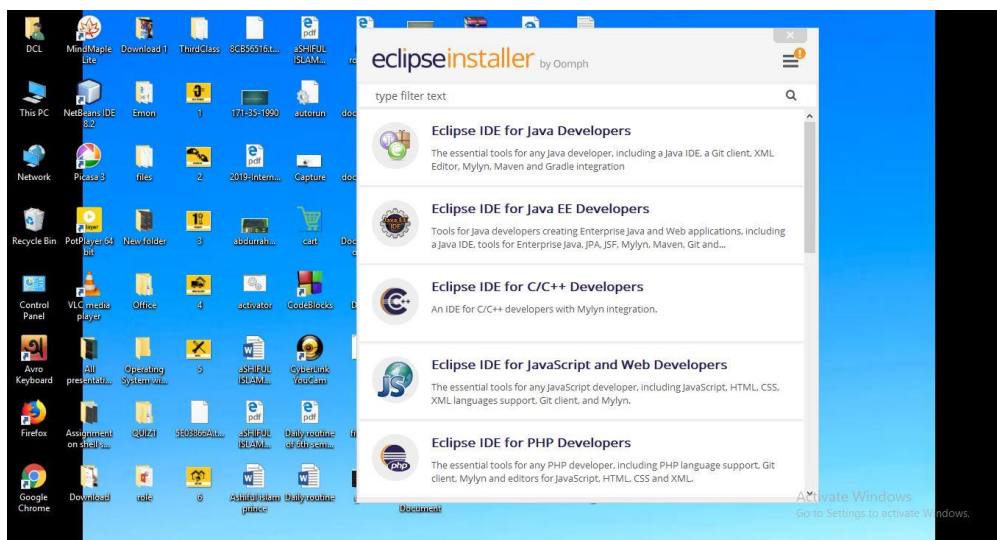Then set the path where location you want to download it.

After downloading eclipse then it can be settled in the selected folder.
Here I was choosing the folder of "Documentation of software engineering"
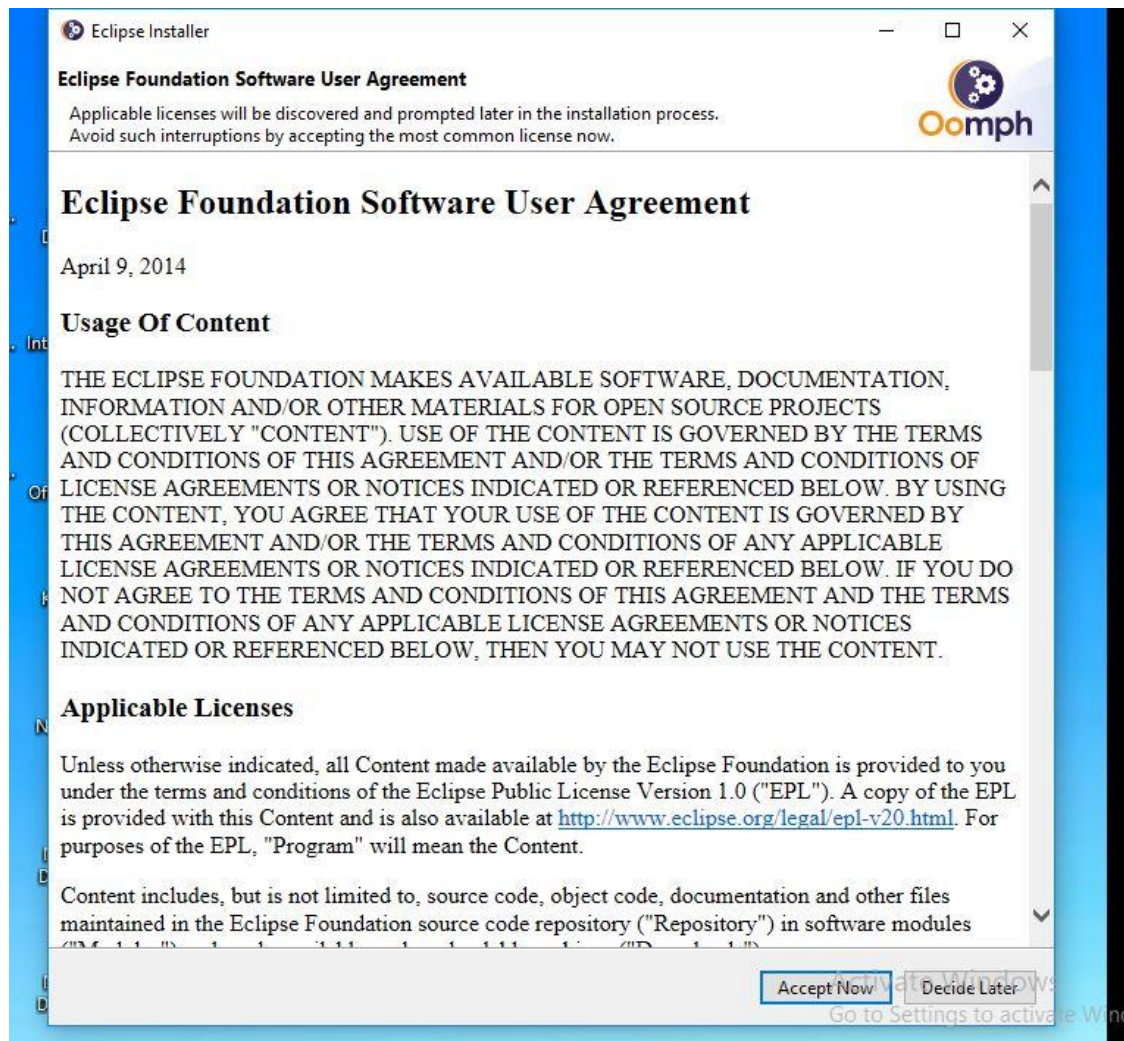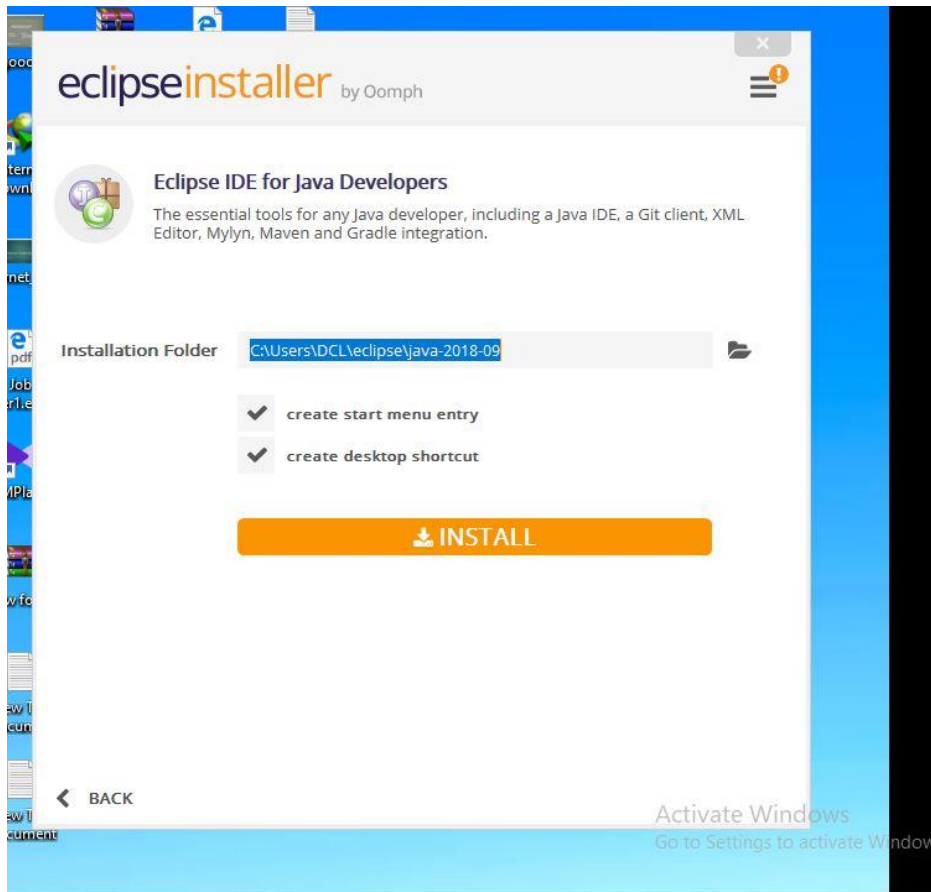So, the IDE is here now.

Install

After downloading you need to install this IDE. When you will go for install this IDE this page will come and obviously you need to select one. Since
I will develop java project. So, I select java Eclipse IDE for java developers. You can select several options from here.
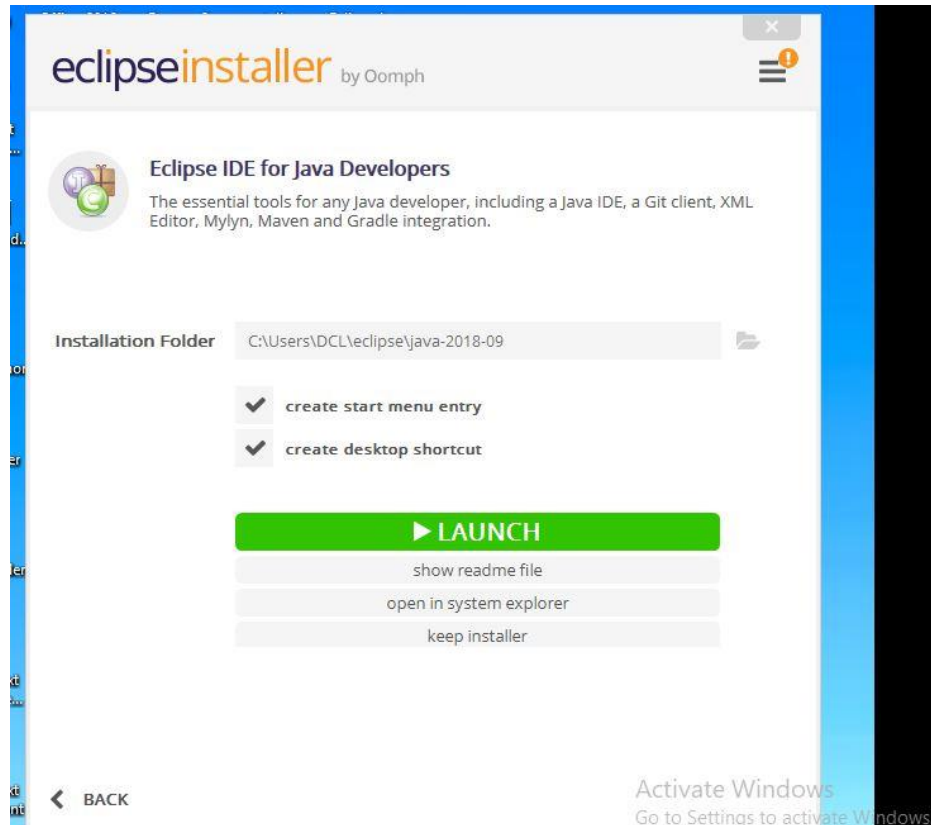
Then accept all the license agreements then click finish

Then choose the path where you want to install it. Here you can create shortcut in your computer. It is totally depending on your requirements.

Please wait couple of times. Because when you installing this IDE then some process Needs to execute or perform it's work by operating system. So, it may take couple of time. After installing please launch it.
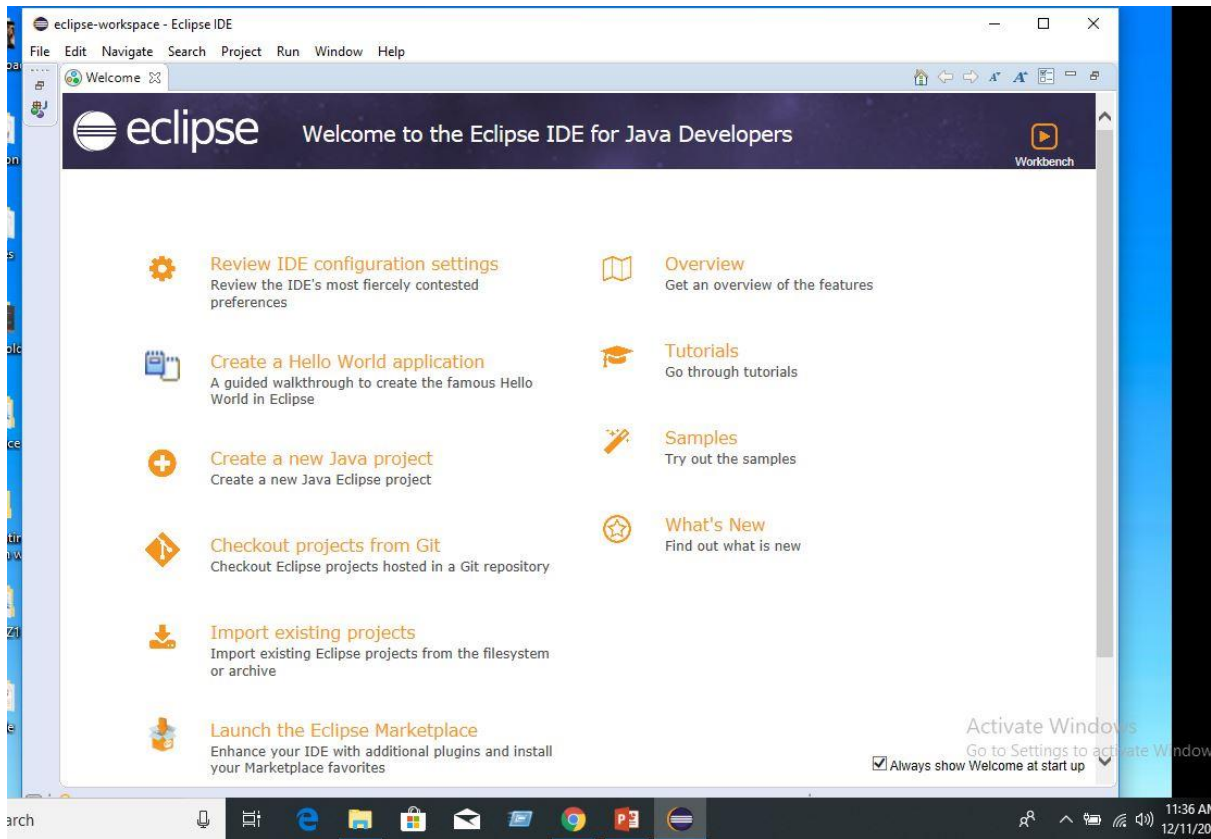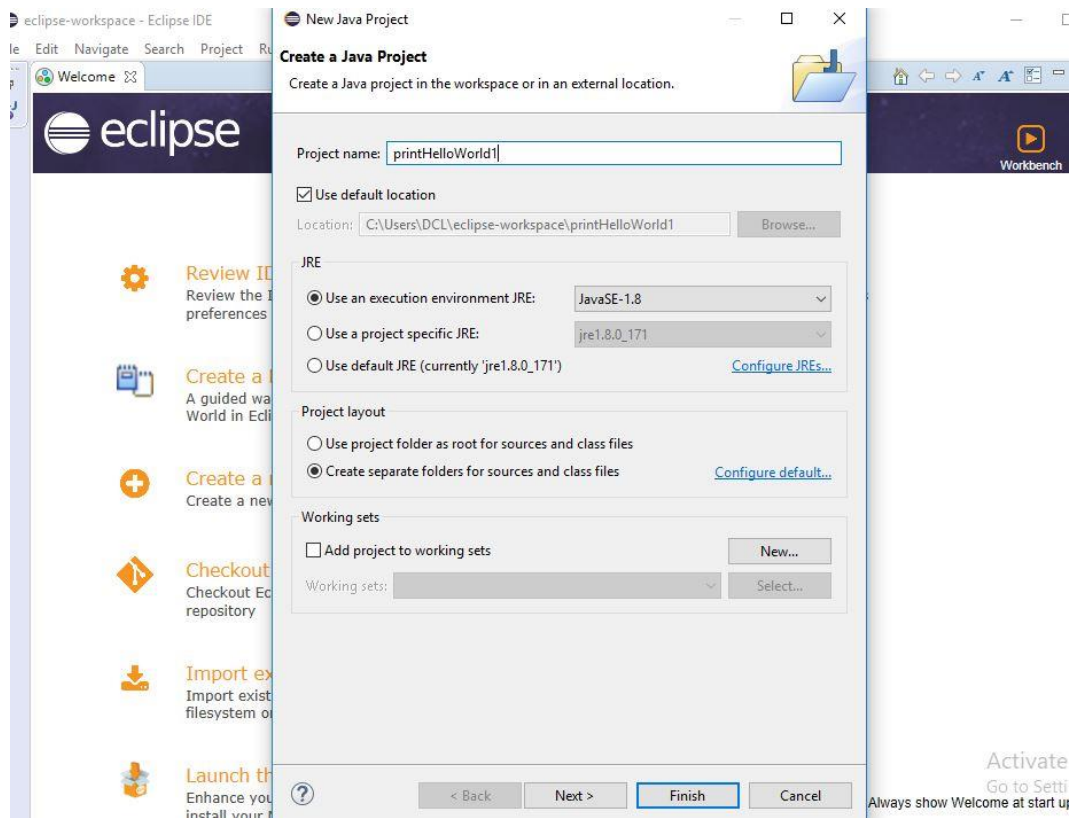
Running process

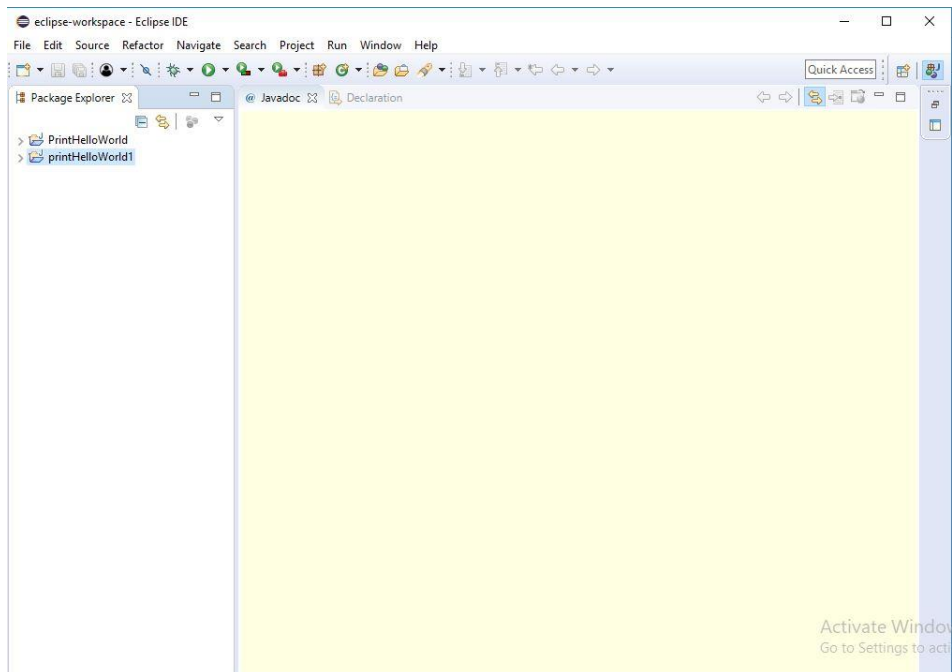Here the eclipse is running to complete its tasks.

This is the first view of your eclipse IDE. Here you can start your first project.

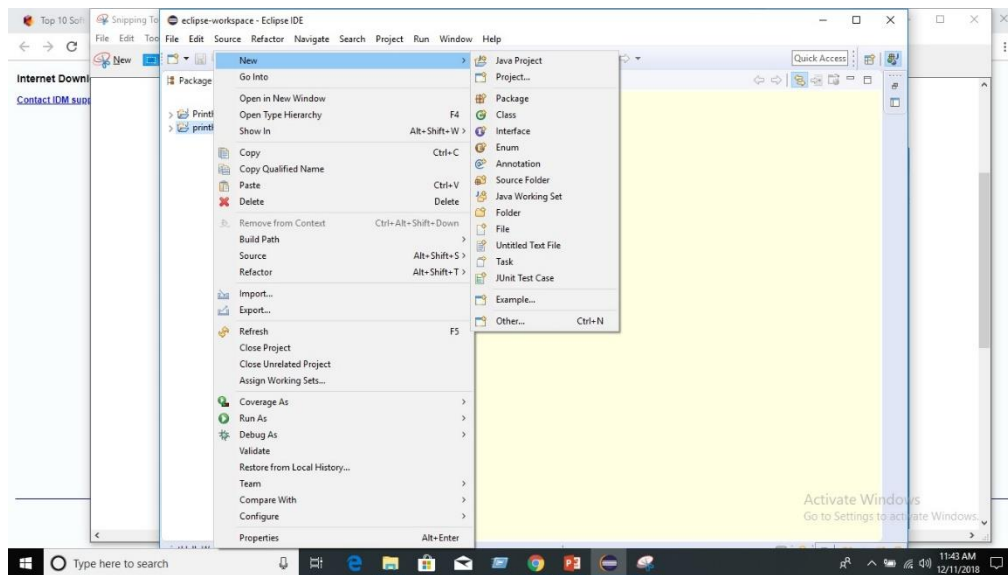So, click the option "Create a new Java Project"

After selecting the creating project option you have must give the project name. All time focus on the write naming convention that will create your project more readable.
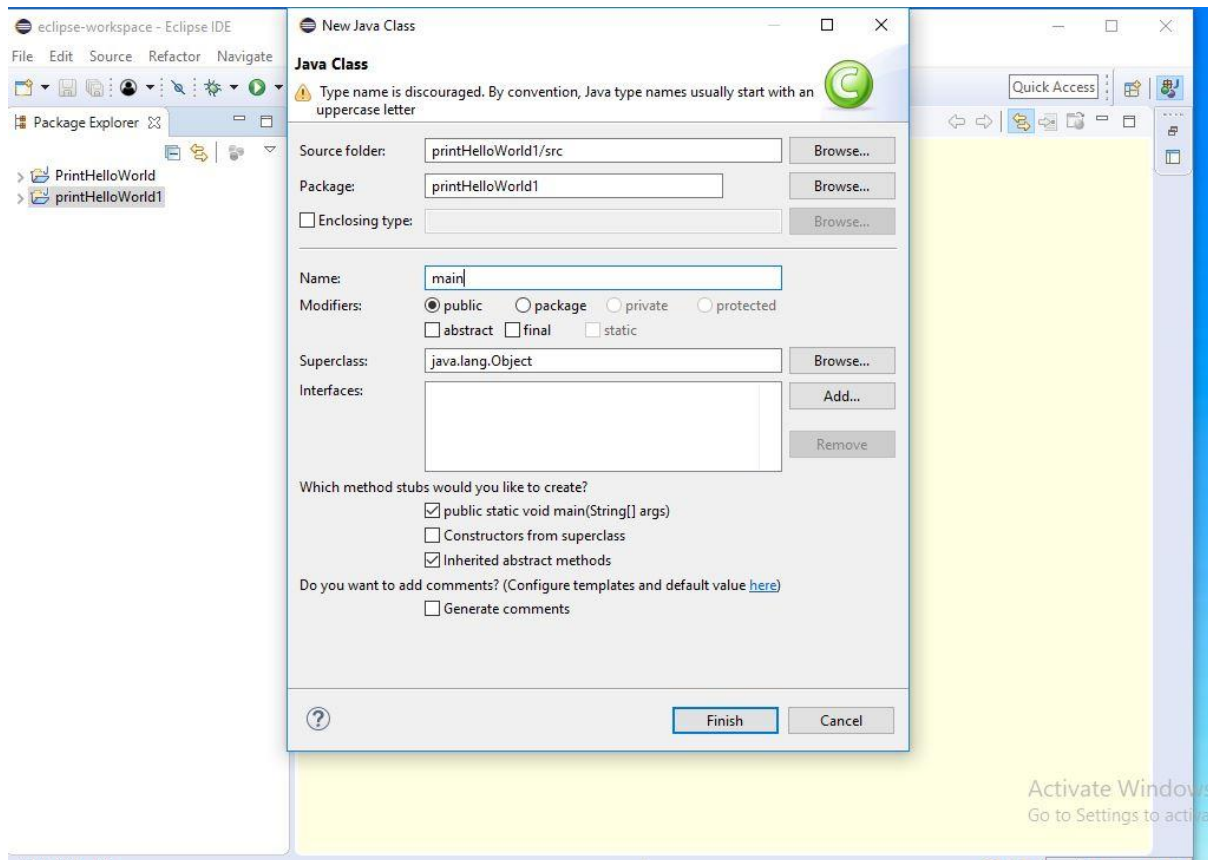
Click finish and see the home page of Eclipse IDE. Now you need to create main class. Because without creating main class you cannot run your project.
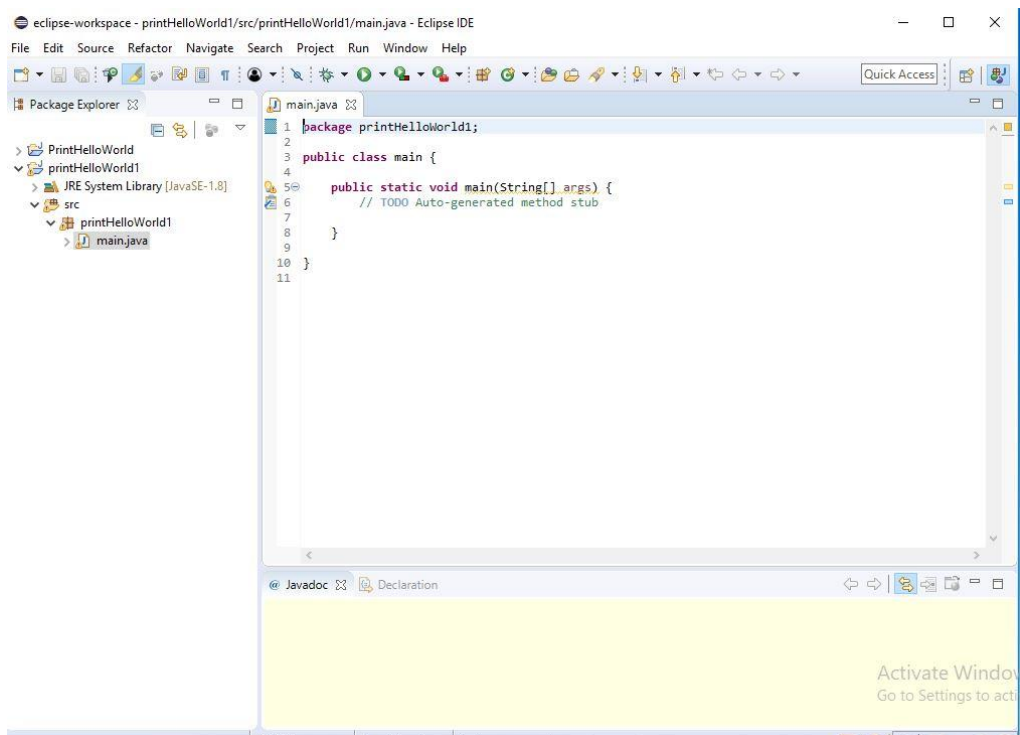
Please select your project and click the write button on mouse select new then select Class and create a main class to run your java project
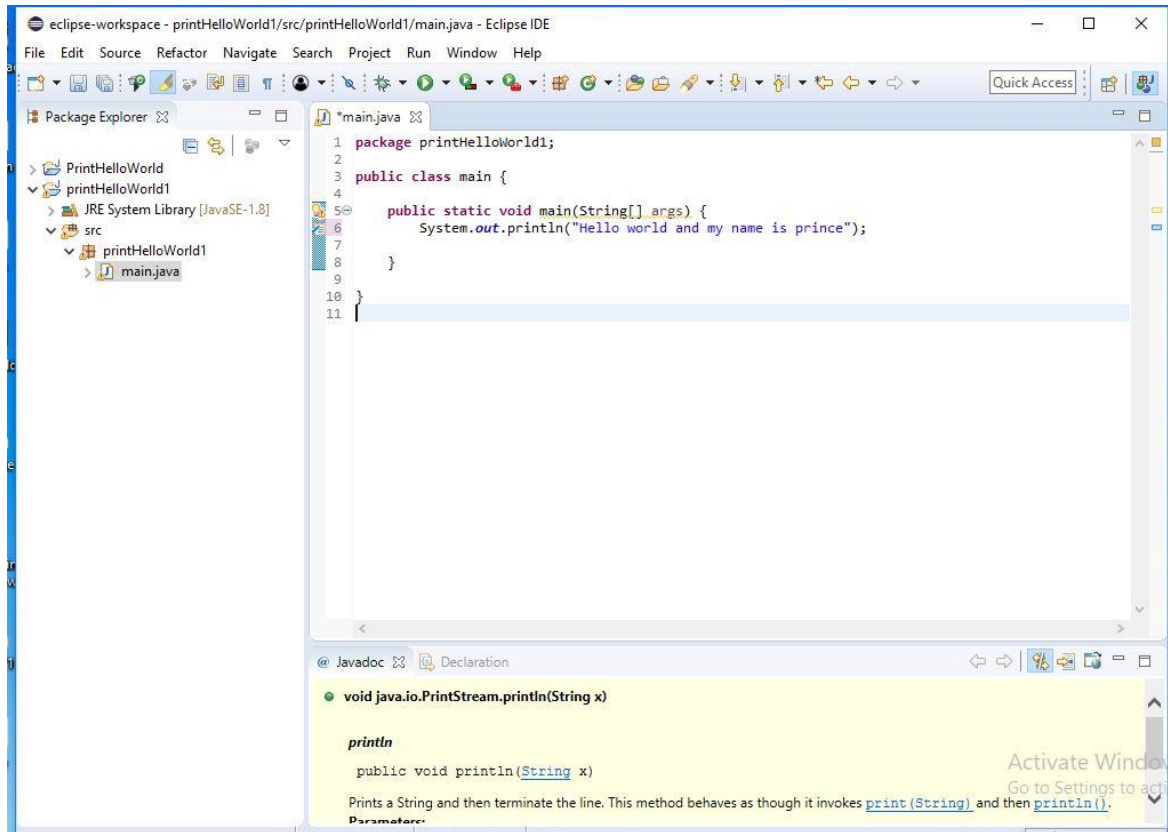
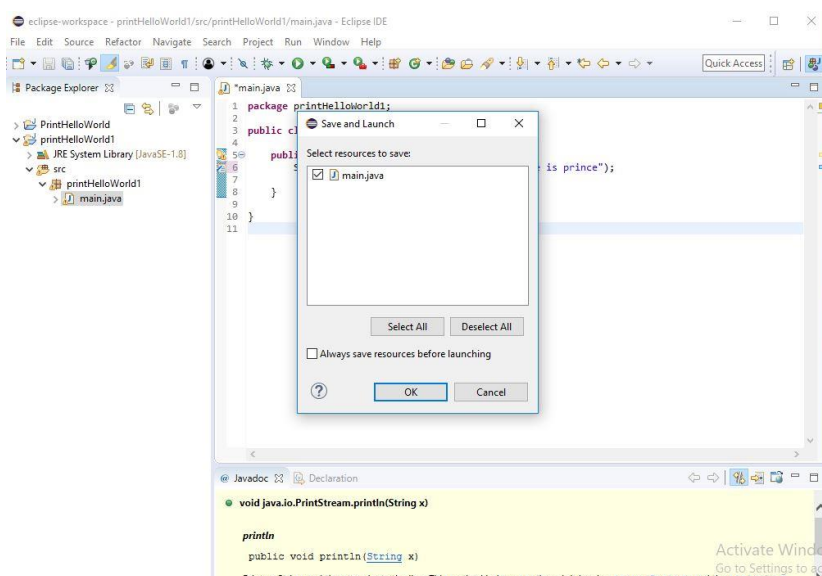Now give a proper class name depends on your project and finish this task.

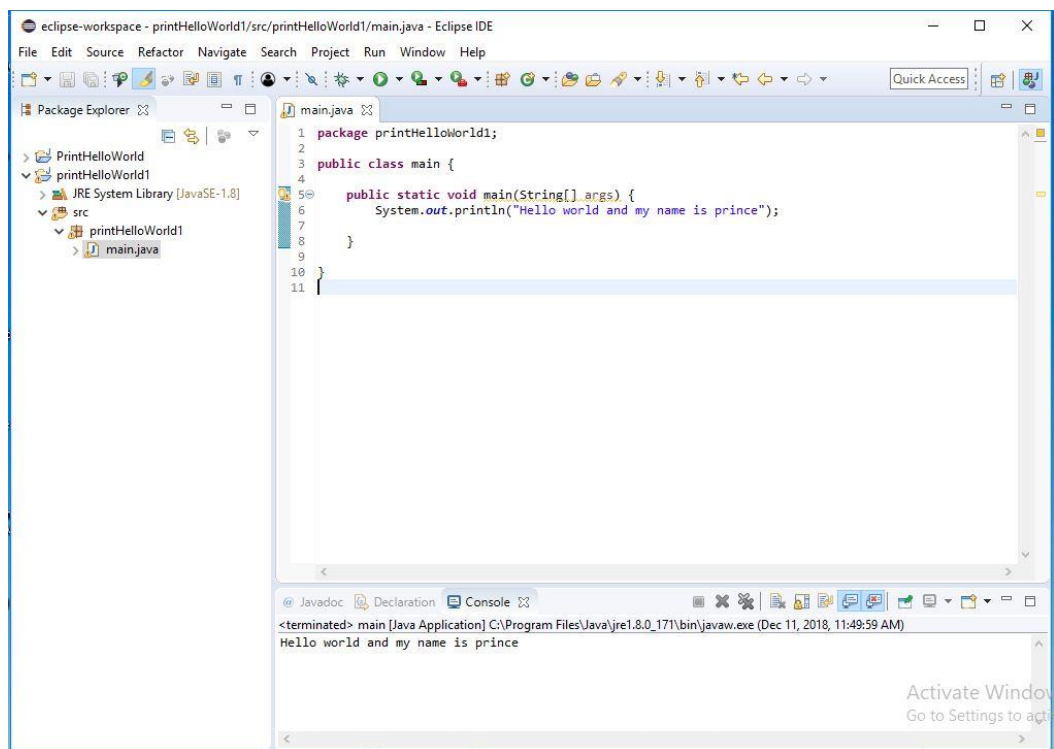Project creation is complete. Now start your first project with fun and enjoy.

This is the example of a small project like print the hello world.

Now you need build and run your project. Here I run my first project which is printing hello world as a sample
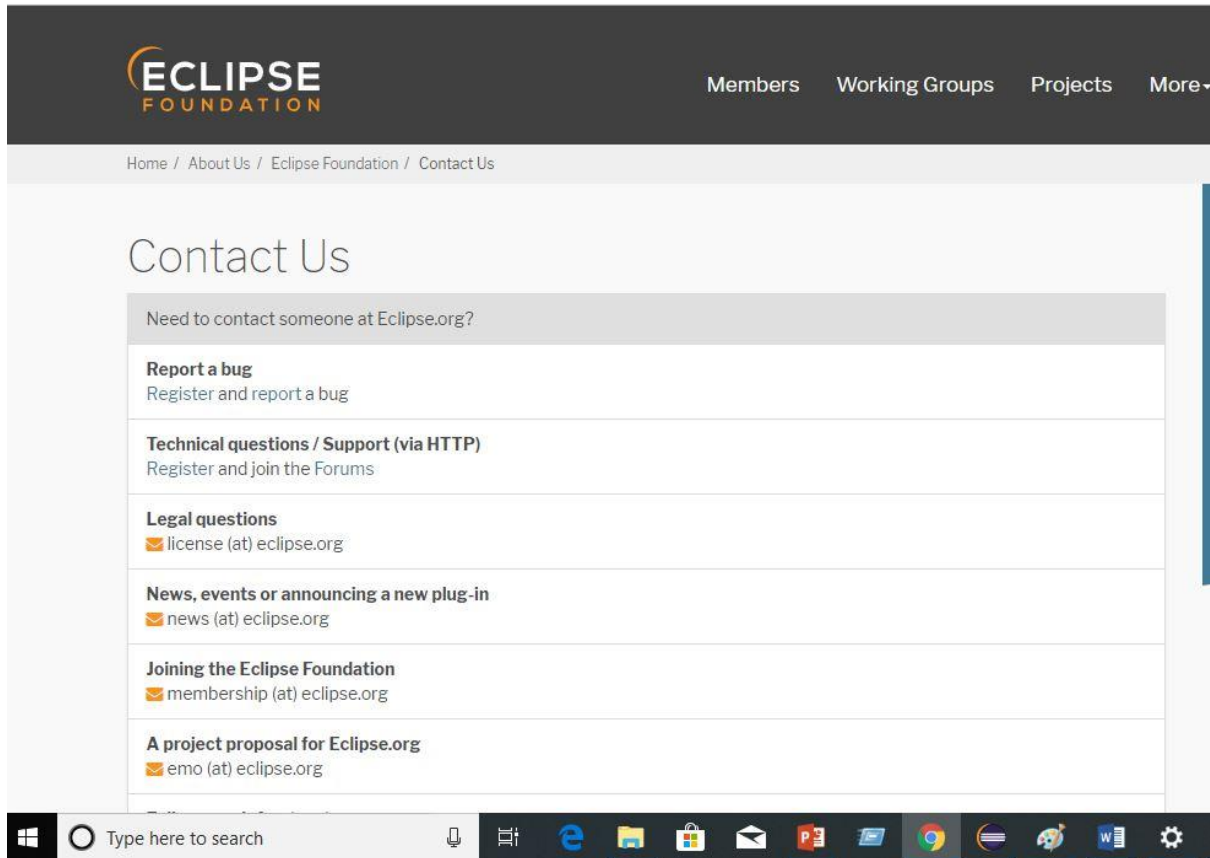
After build and run you will see the output from console and here it is

Support

For any support issue please go to
https://www.eclipse.org/org/foundation/contact.php. Here you can get your solution if you feel having trouble with this application