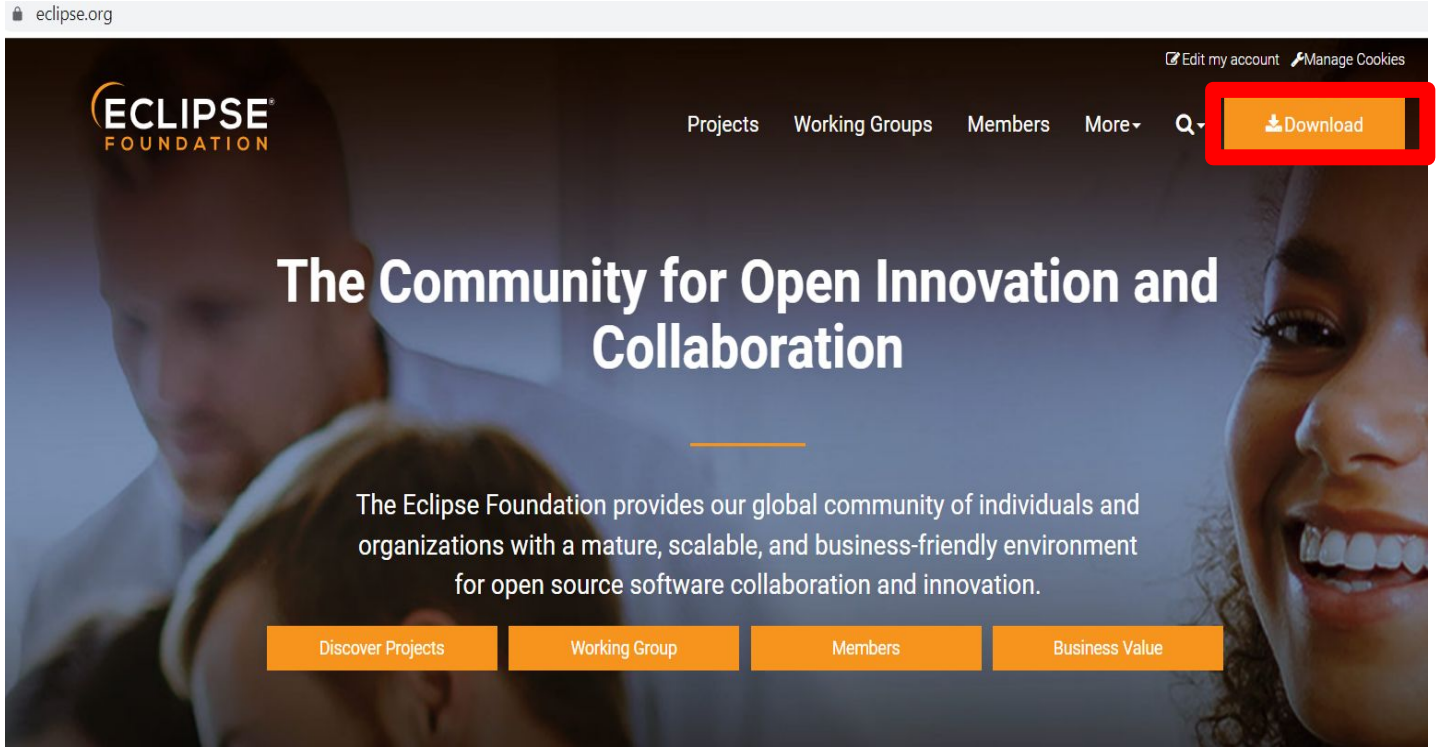
Tutorial 1

How to Download and Install Eclipse to Run Java

Step 1) Installing Eclipse

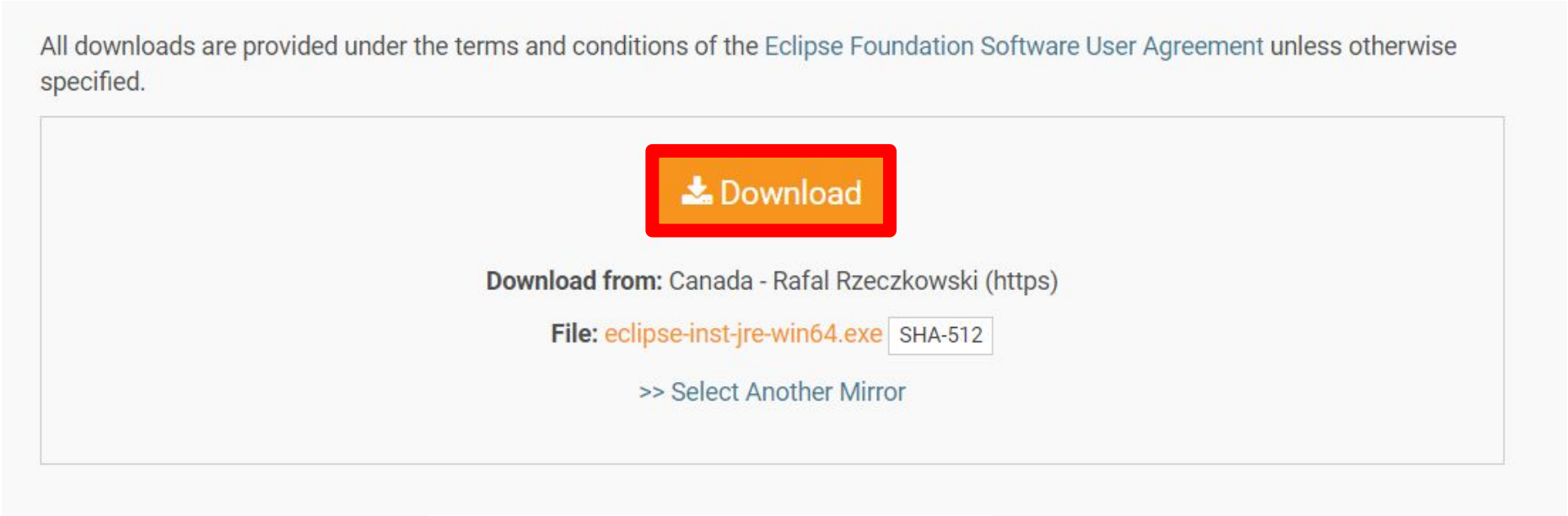
Open your browser and type
https://www.eclipse.org/

Step 2) Click on 'Download' button.



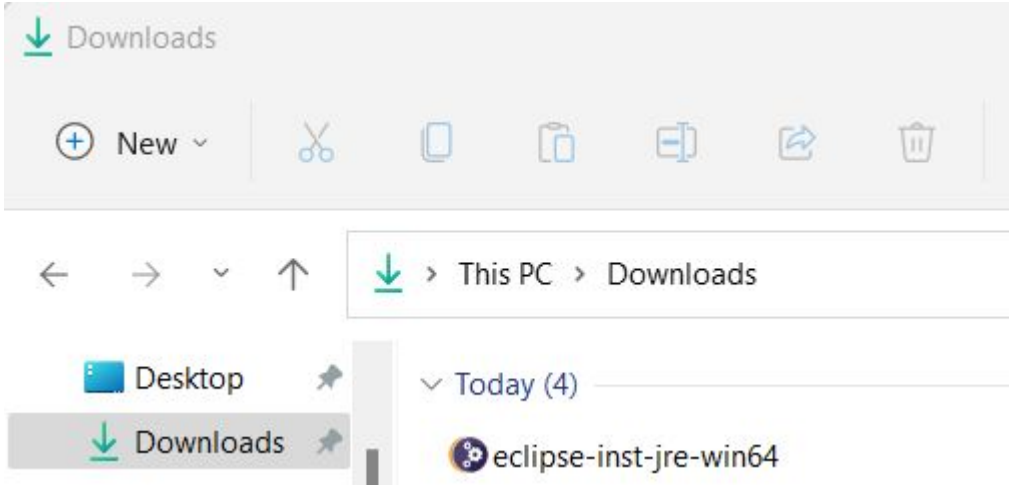
Step 3) Click on Download 64 bit button

Step 4) Click on Download button

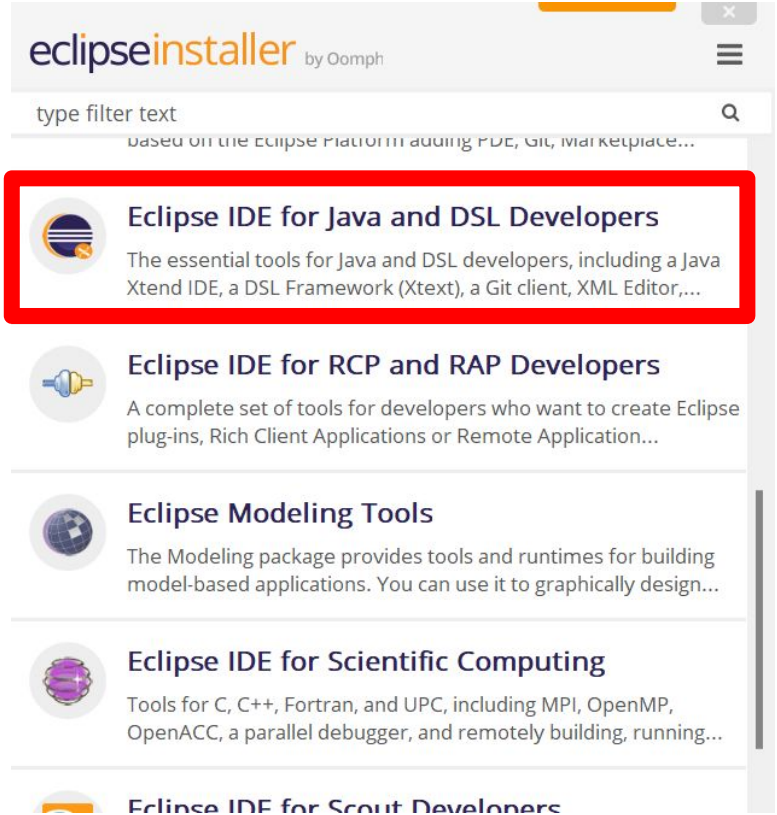


Sep 4) Install Eclipse.

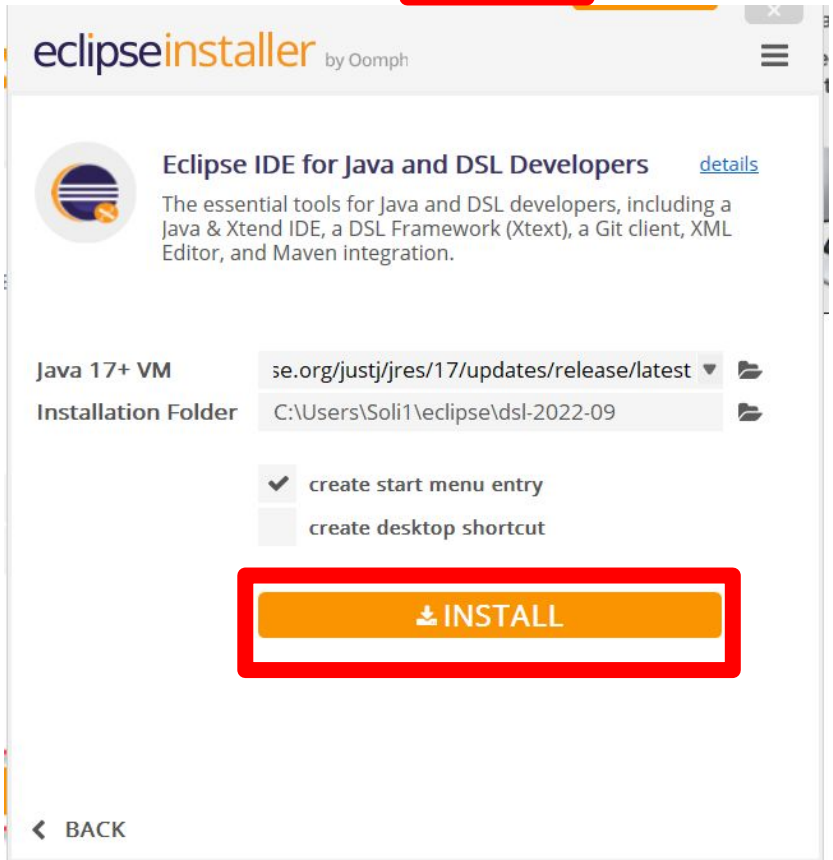
1. Click on downloads folder in Windows
2. Click on eclipse-inst-win64.exe file



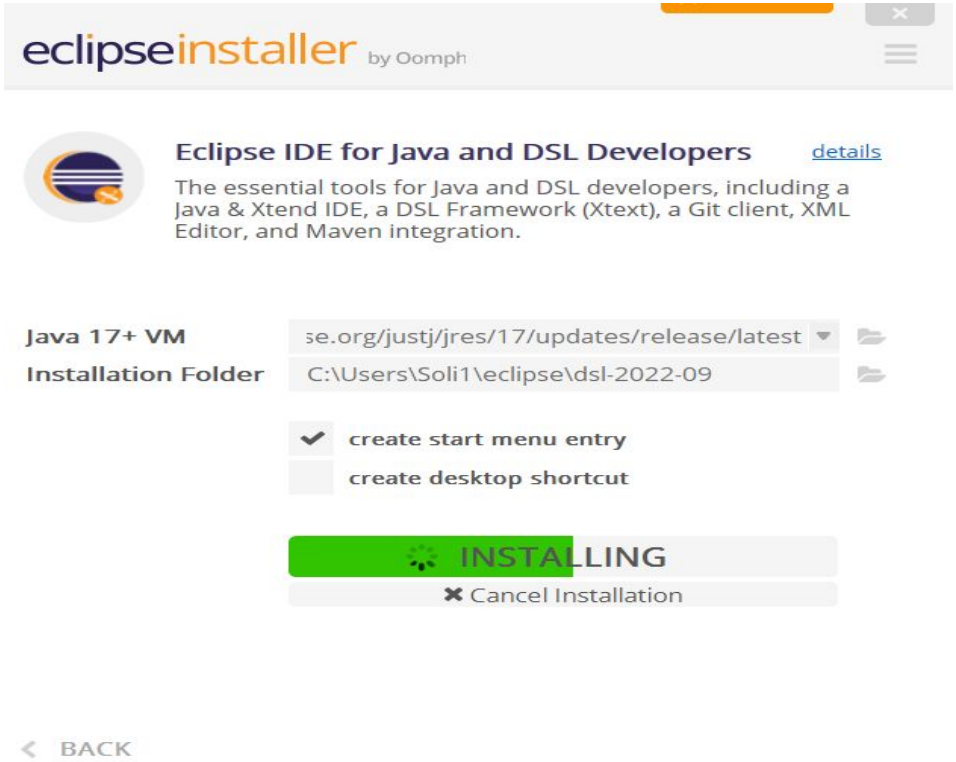
Step 6) Click on Eclipse IDE for Java and DSL Developers

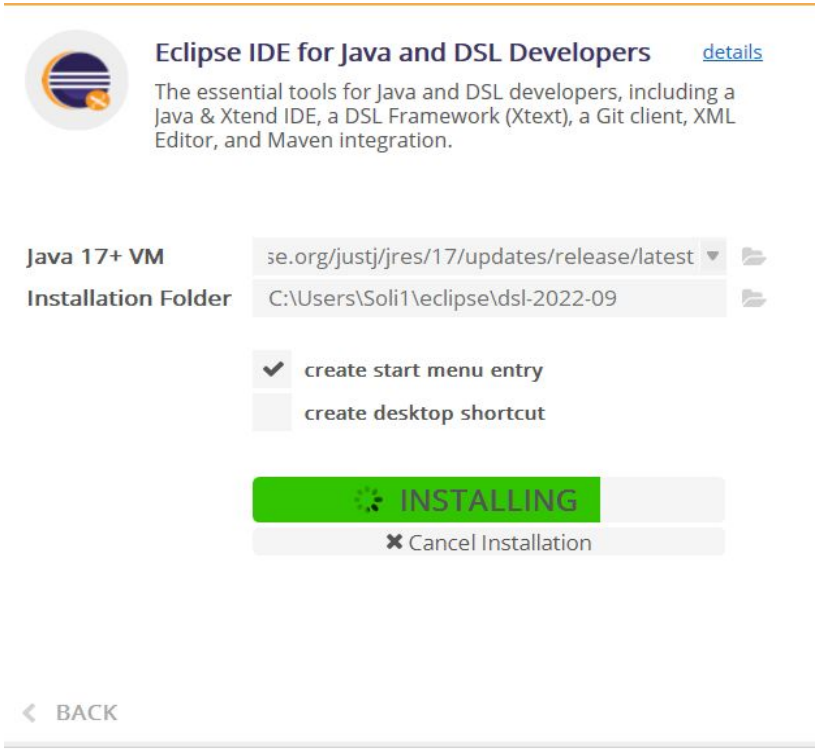


Step 7) Click on INSTALL button

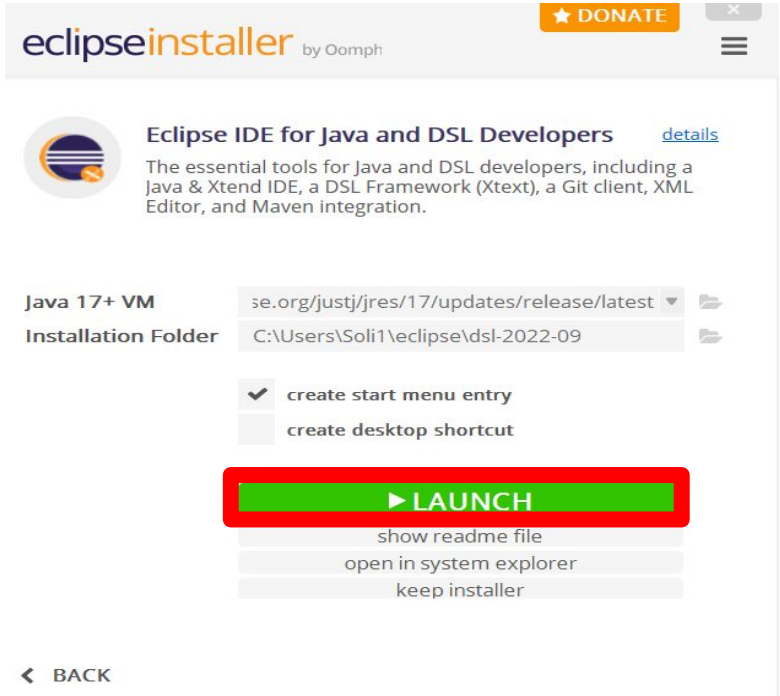


Eclipse IDE for Java and DSL Developers

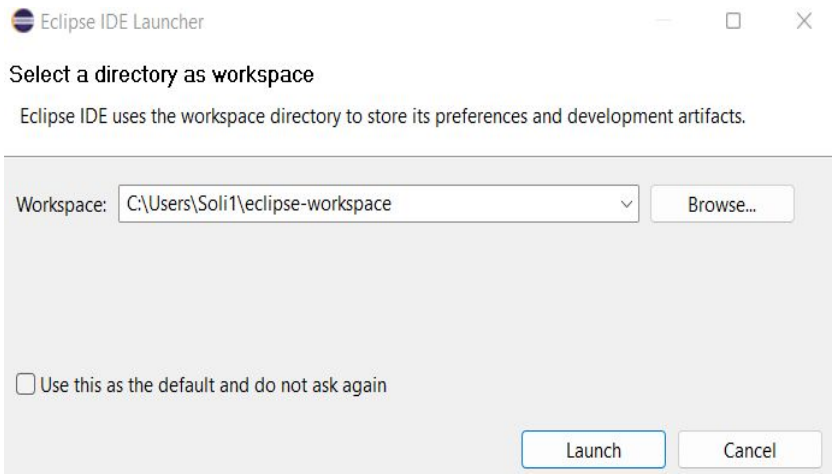




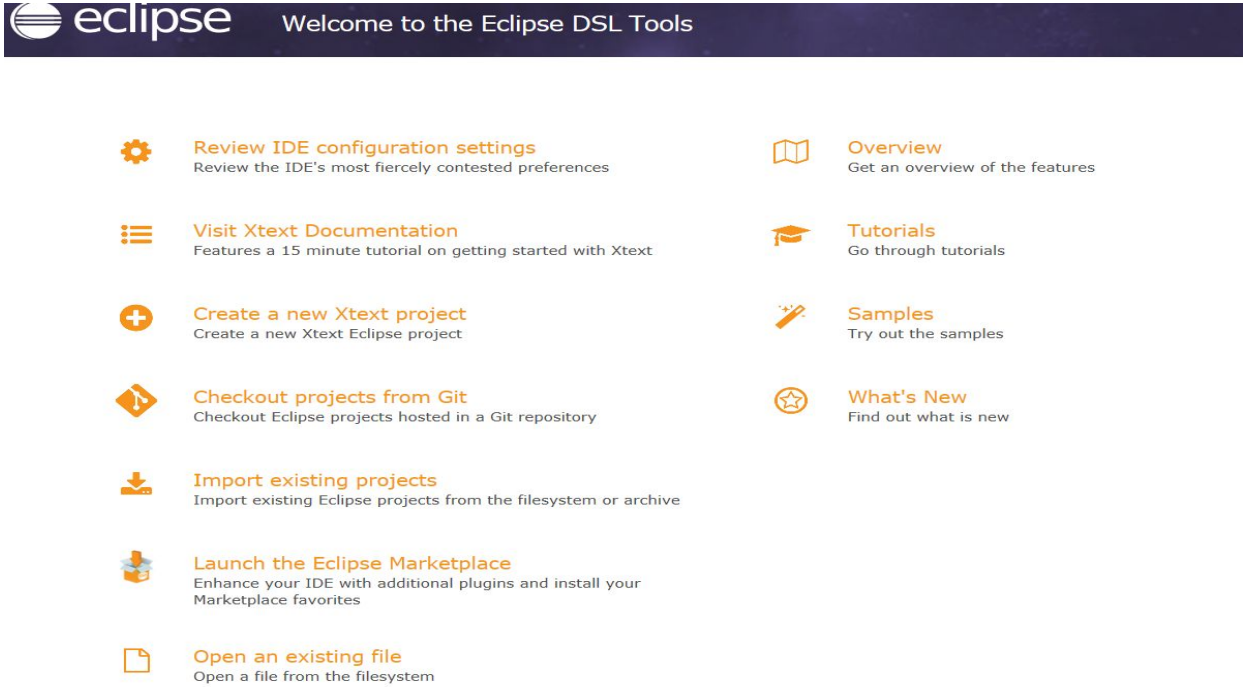
Step 8) Click on LAUNCH button



Step 9) Click on Launch button

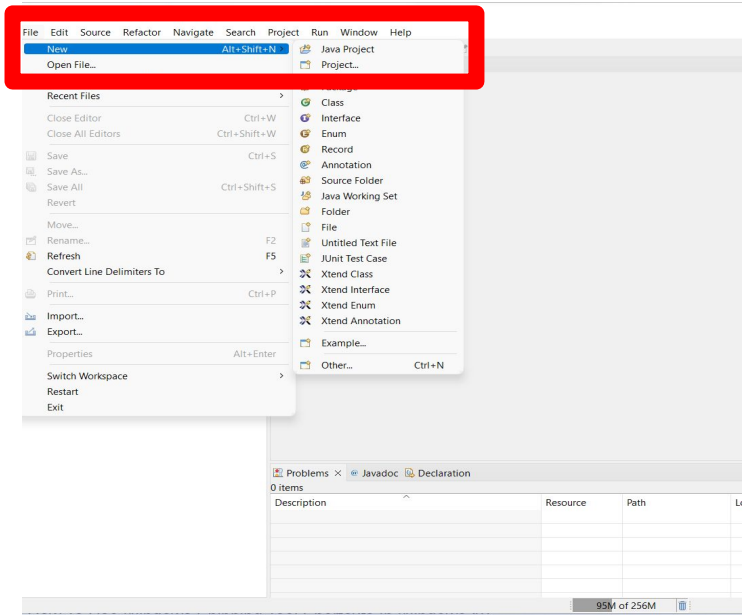


Step 10) Click on Create a new project link



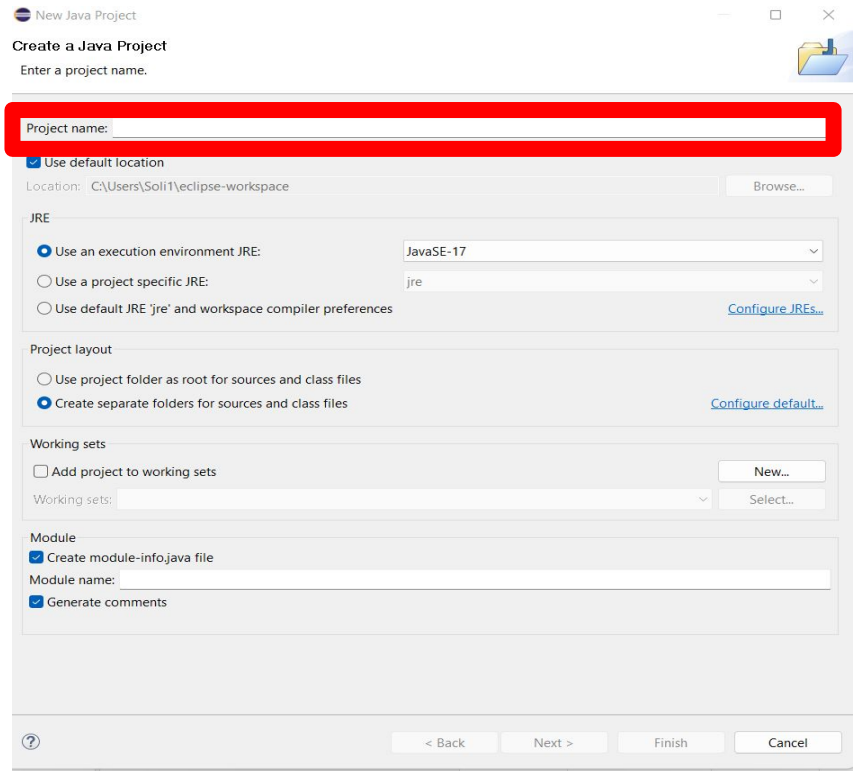
Step 11) Create a new Java Project

File->new->Java Project



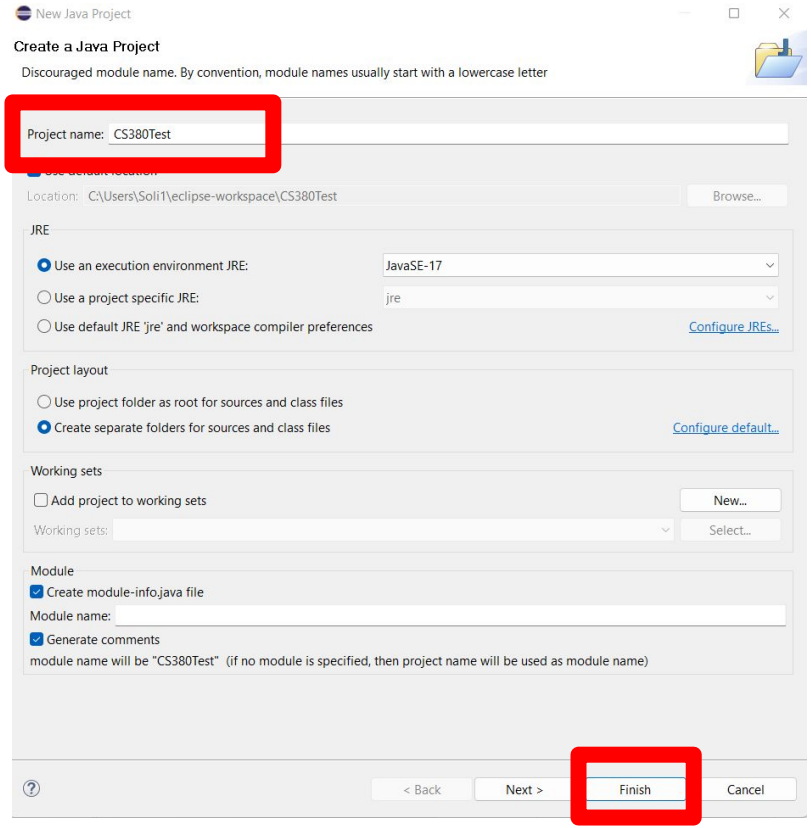
Step 12) Create a new Java Project

1. Write project name
2. Click on Finish button



Step 12) Create a new Java Project

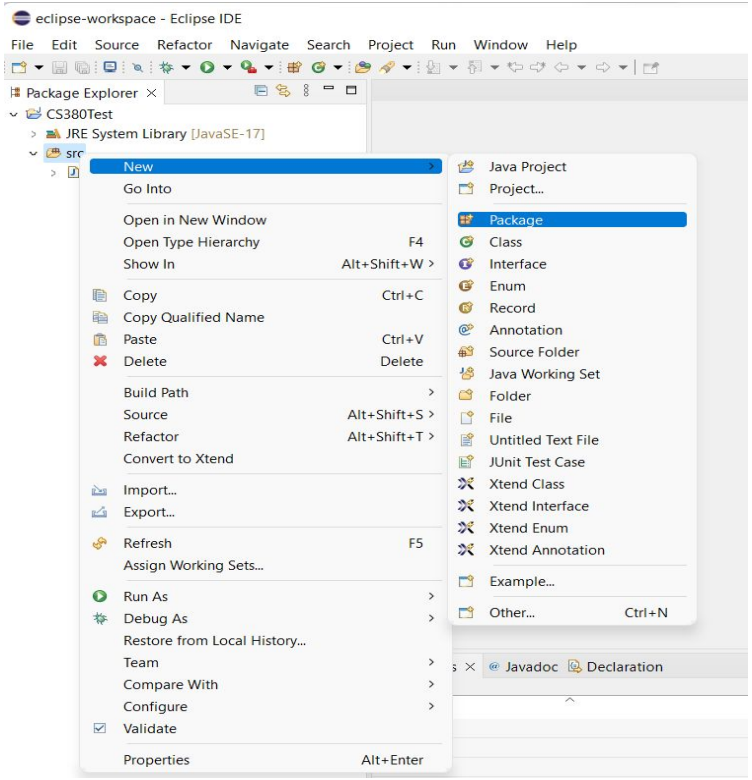
1. Write **project name** (I write **CS380Test**)
2. Click on **Finish** button



Step 13) Create Java **Package**

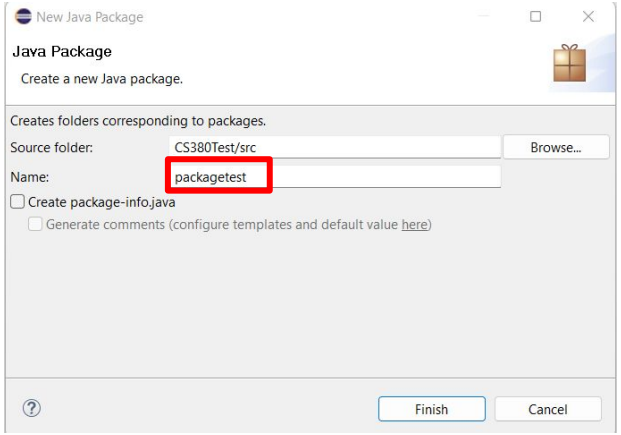
Right click on src

1. Goto **src**
2. Click on **New**
3. Click on **Package**

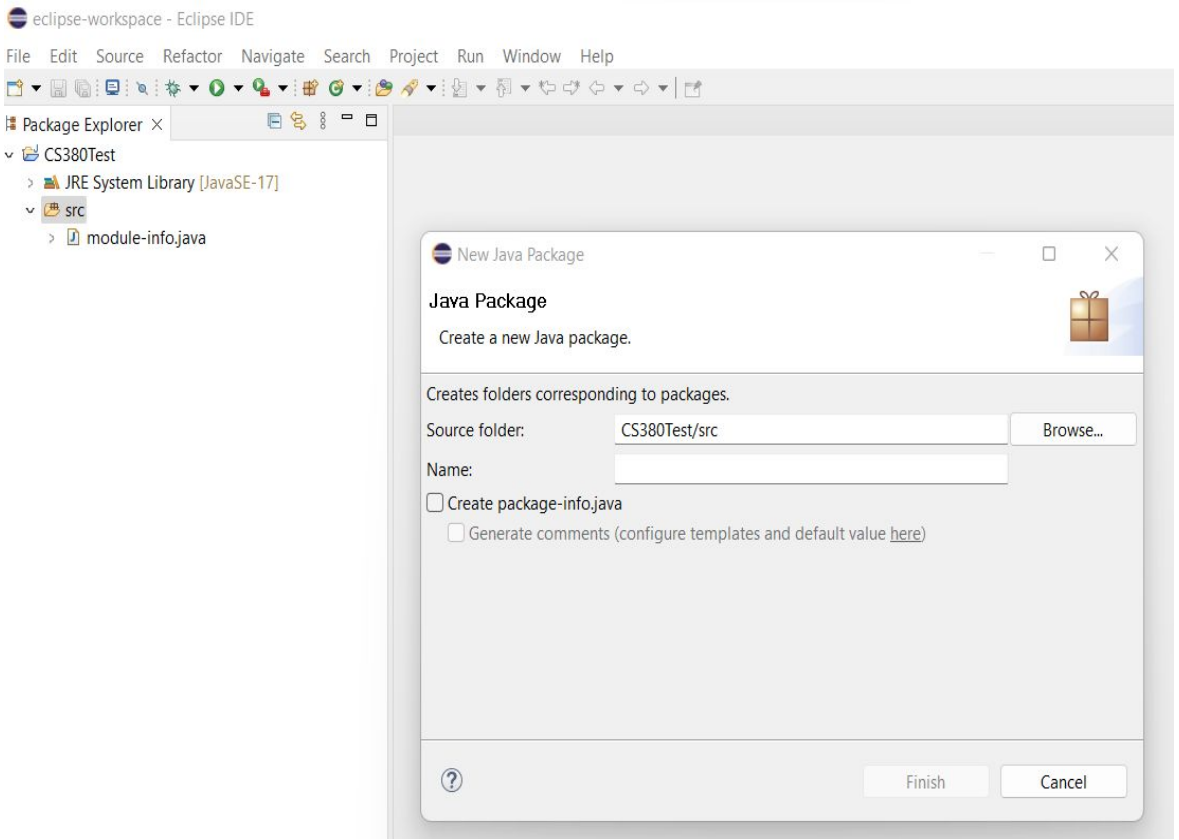


Step 14) Writing package name

1. Write name of the package
2. Click on Finish button

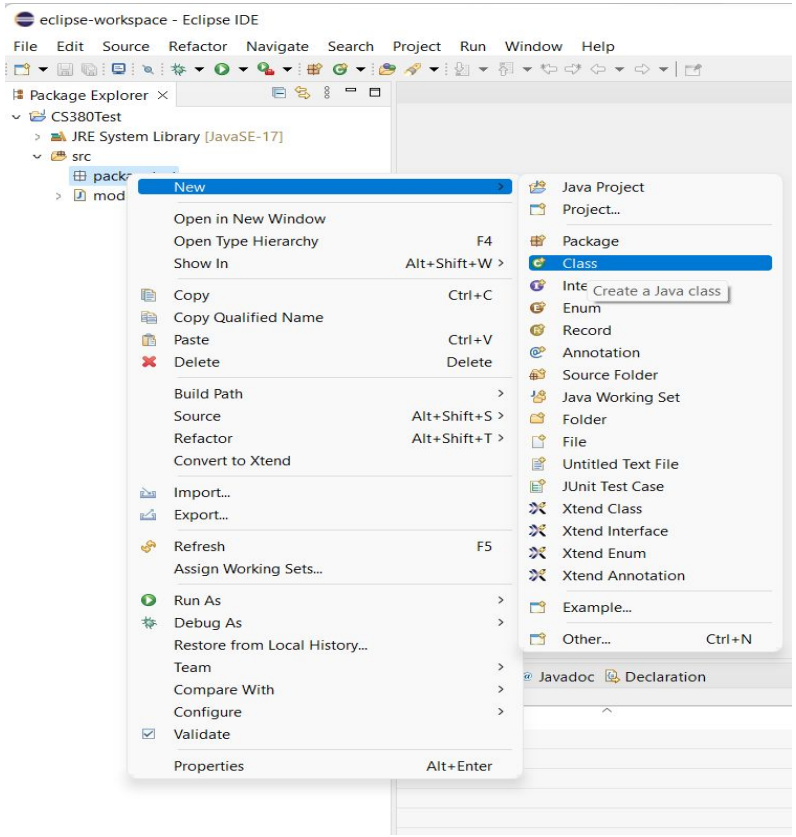


I write
pachagetest



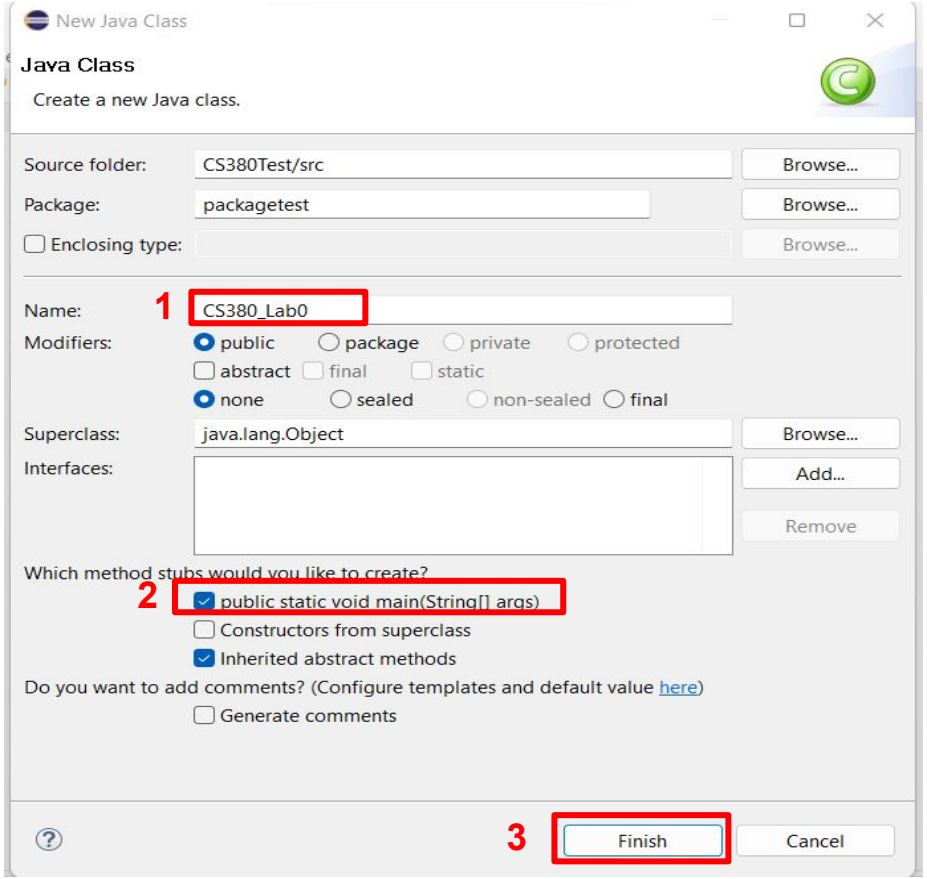
Step 15) Creating Java Class

1. Click on package you have created.
2. Click on **New**
3. Click on **Class**

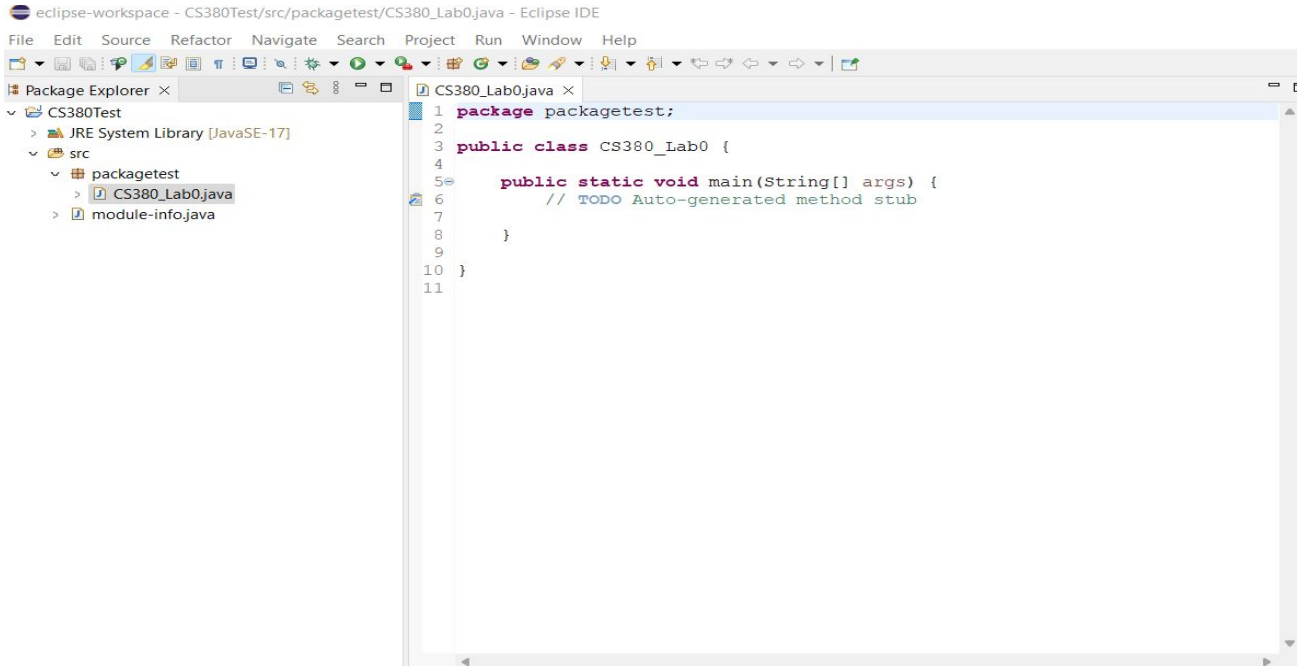


Step 16) Defining Java Class

1. Write class name: **CS380_lab0**
2. Click on public static void main (String[] args) checkbox
3. Click on **Finish** button.



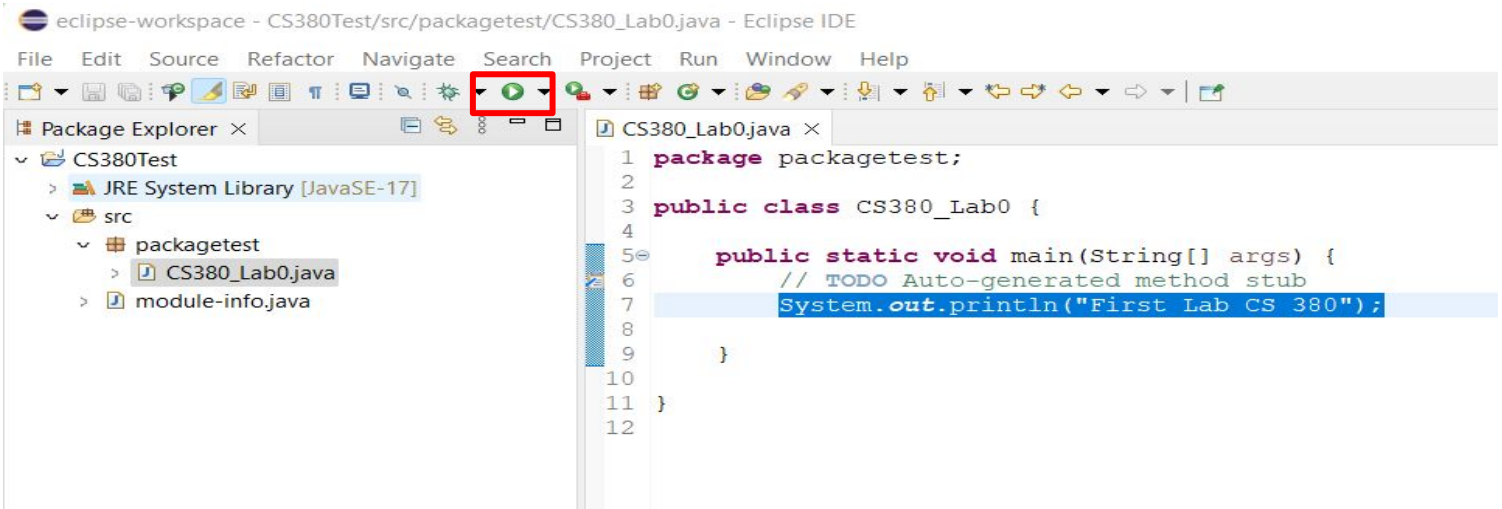
CS380_lab0.java file will be created as shown below



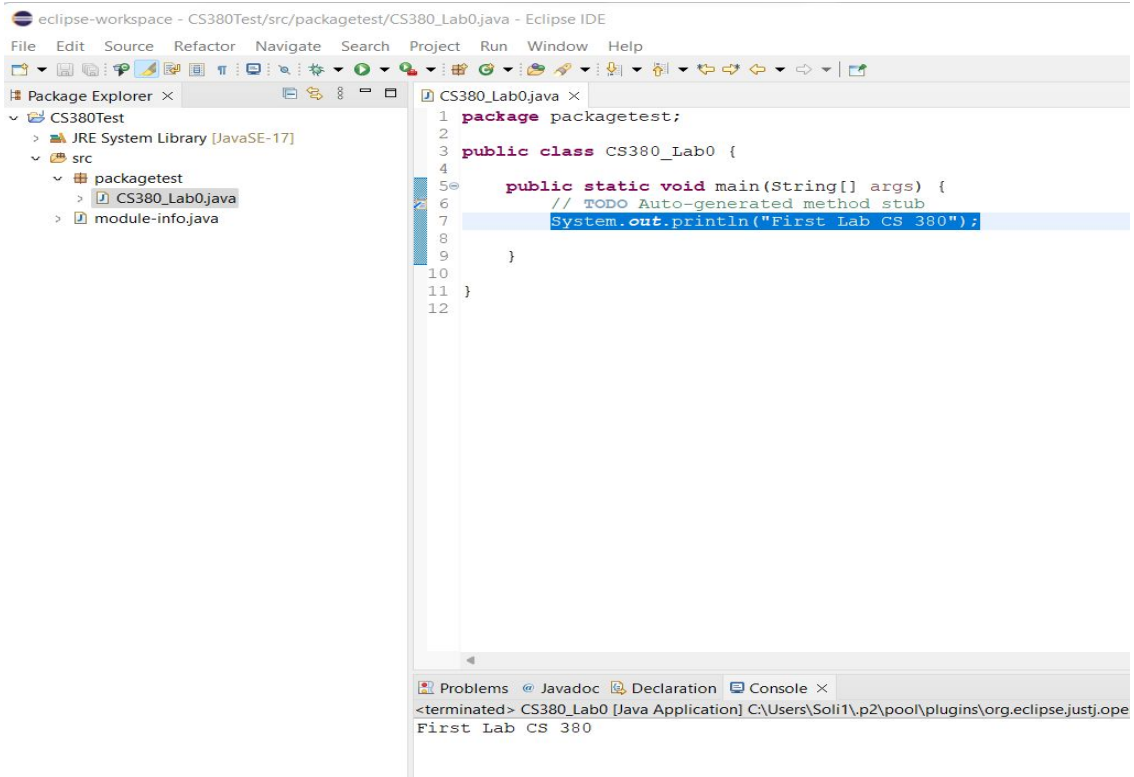
Add this line code:

System.out.println("First Lab CS 380");

Step 17) Click on **Run** button



Output will be displayed as shown below



Exercise 1:

Reverse a Number in Java

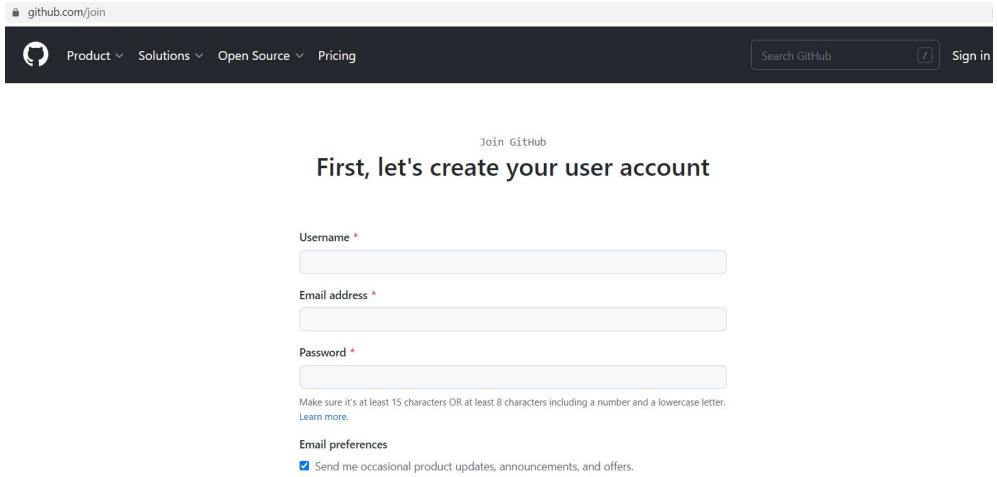
GIven Number	Reverse Number
12345	**54321**

To send your exercise create a github account

What Is the Process for Uploading Eclipse Projects to GitHub?

First things first, download git from http://git-scm.com/.
Then go to http://github.com/ and create an account and repository.

https://github.com/join



What Is the Process for Uploading Eclipse Projects to GitHub?

On your machine, first you will need to navigate to the project folder using git bash.
When you get there you do:

```
git init
```

which initiates a new git repository in that directory.
When you've done that, you need to register that new repo with a remote (where you'll upload -- push -- your files to), which in this case will be github. This assumes you have already created a github repository. You'll get the correct URL from your repo in GitHub.

```
git remote add origin https://github.com/[username]/[reponame].git
```

What Is the Process for Uploading Eclipse Projects to GitHub?

You need to add you existing files to your local commit:

```
git add .   # this adds all the files
```

Then you need to make an initial commit, so you do:

```
git commit -a -m "Initial commit" # this stages your files locally for commit.
                                  # they haven't actually been pushed yet
```

Now you've created a commit in your local repo, but not in the remote one. To put it on the remote, you do the second line you posted:

```
git push -u origin --all
```