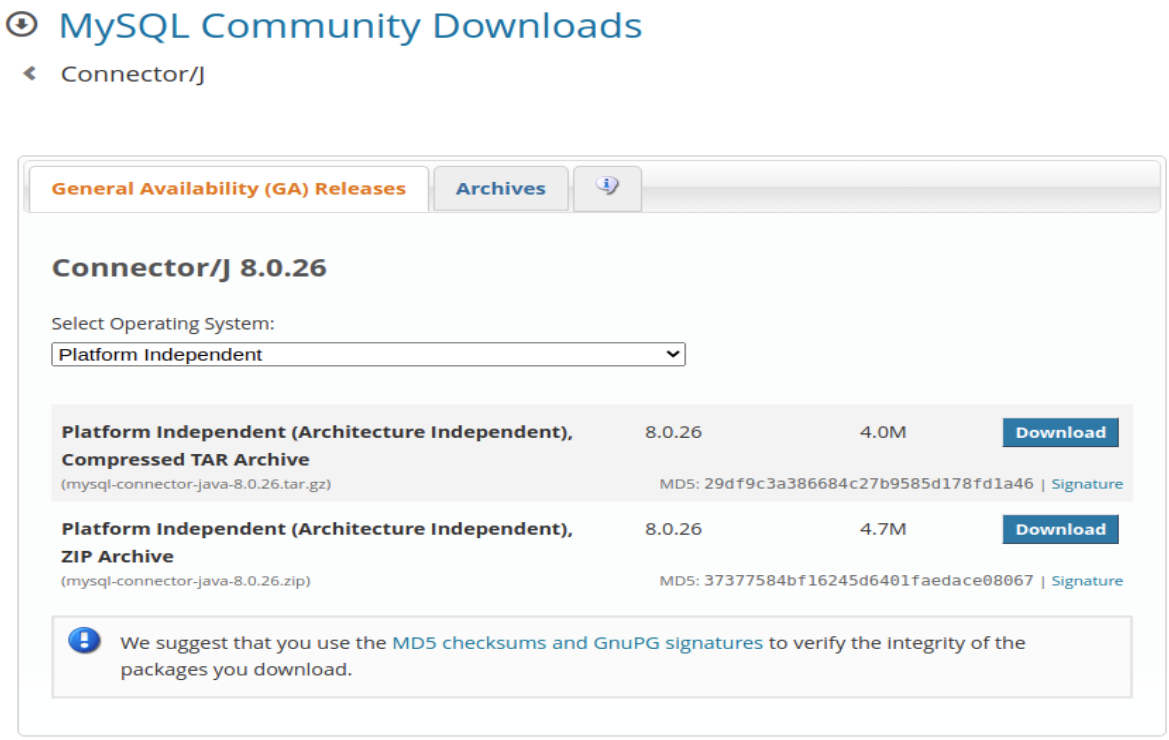
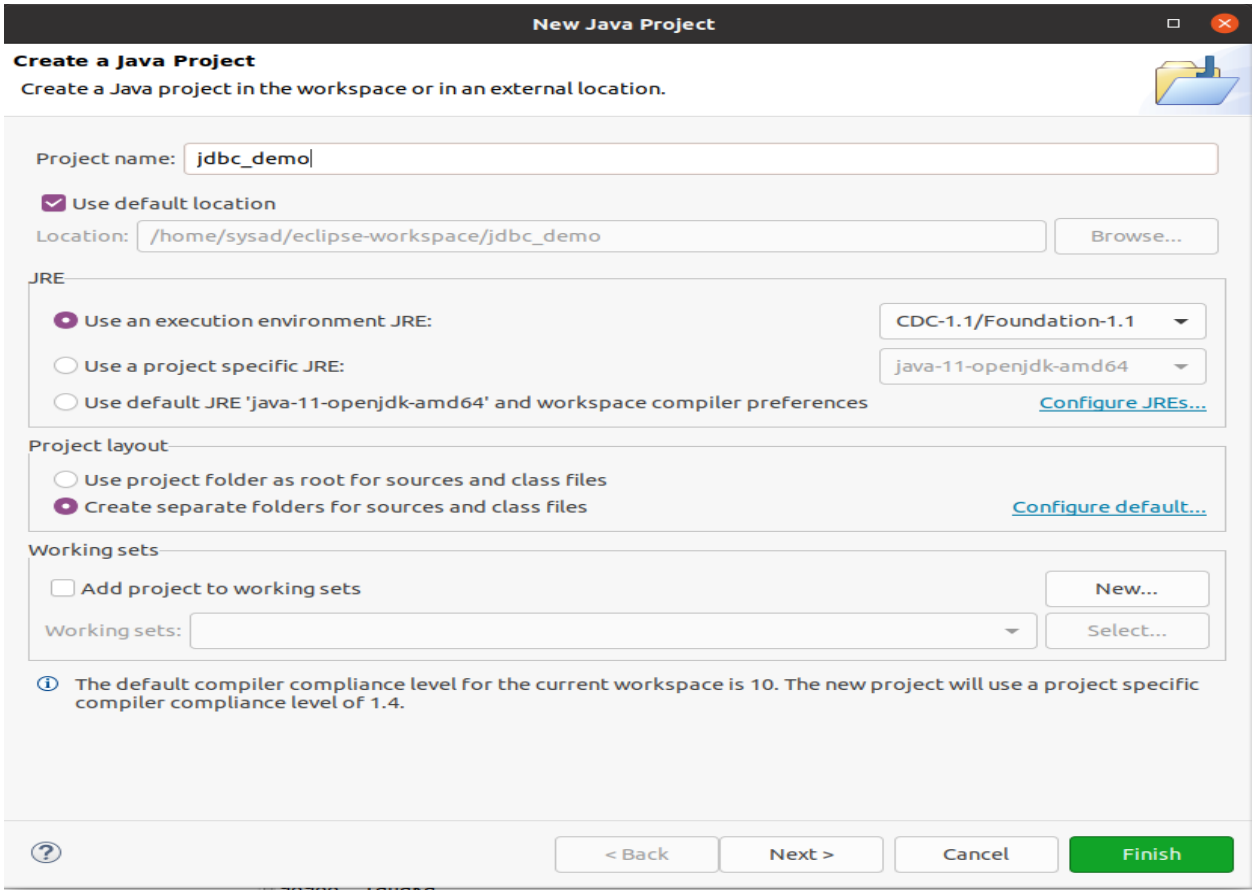
MYSQL JDBC EXAMPLE

1. Install Eclipse on your system, link for installation is given below
   https://linuxize.com/post/how-to-install-the-latest-eclipse-ide-on-ubuntu-18-04/

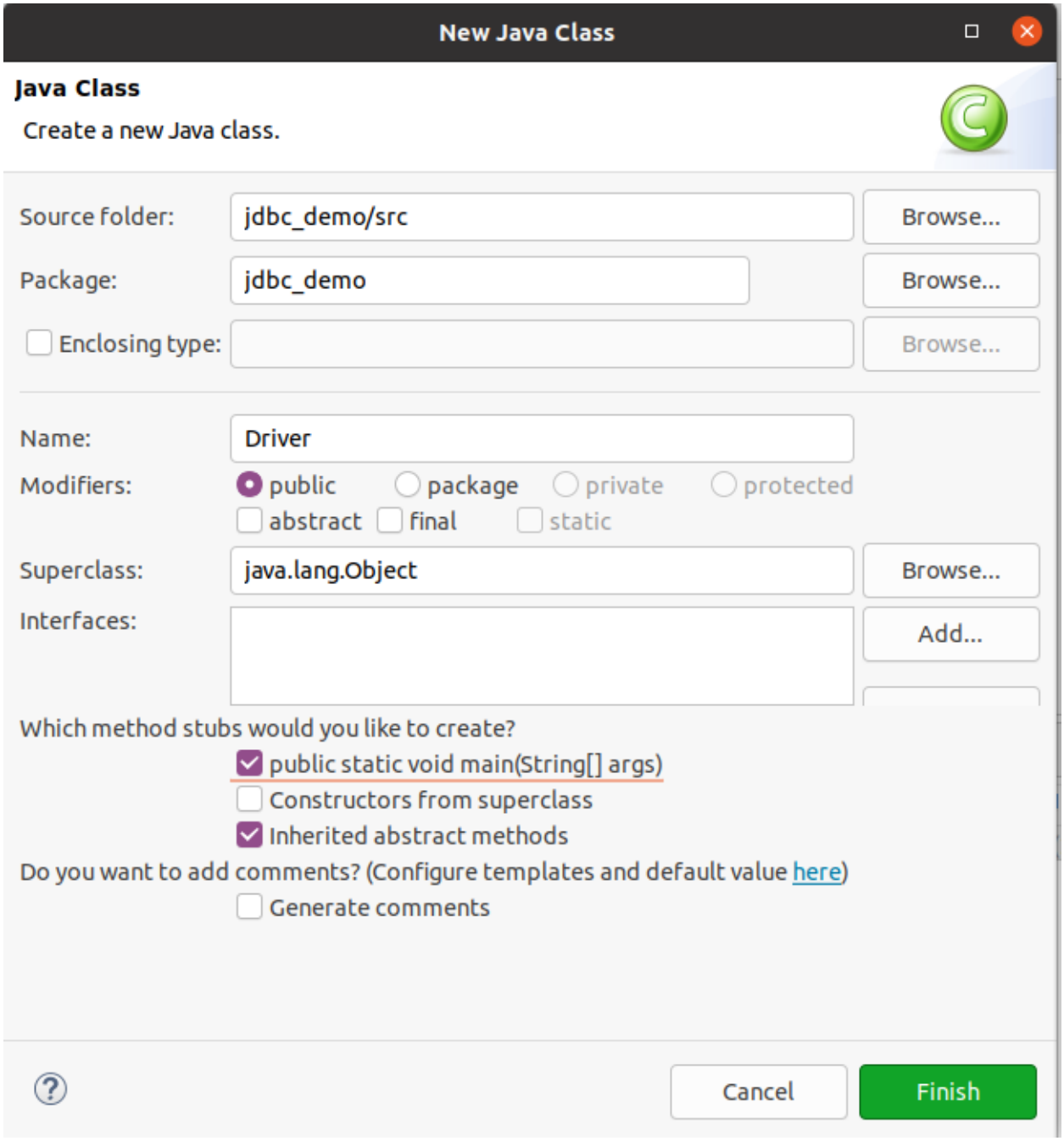
2. Visit https://dev.mysql.com/downloads/connector/j/ to download mysql .jar file



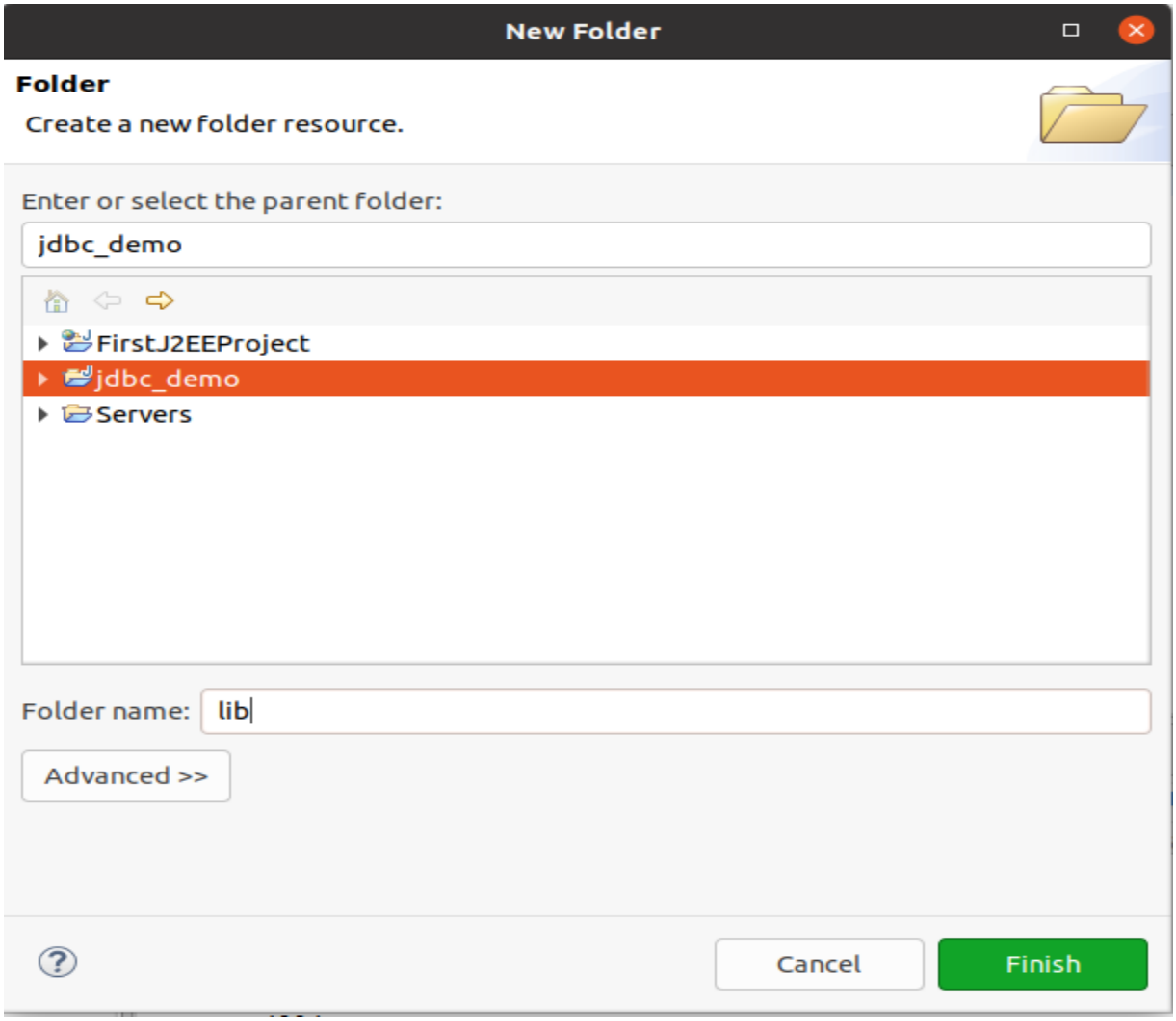
3. Open Eclipse and click File -> New-> Java project. Give the proper project name and click on Finish.



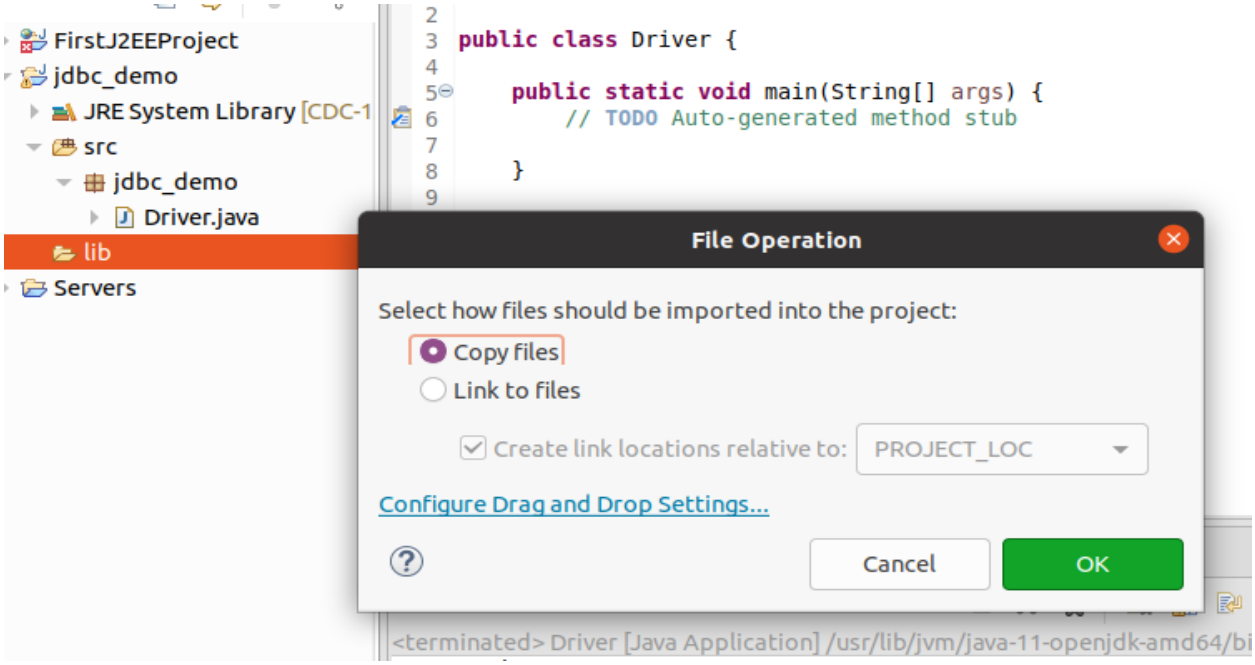
4. Create class file in class file by right click on src file new>class Enter the name if the class and check mark public static void option



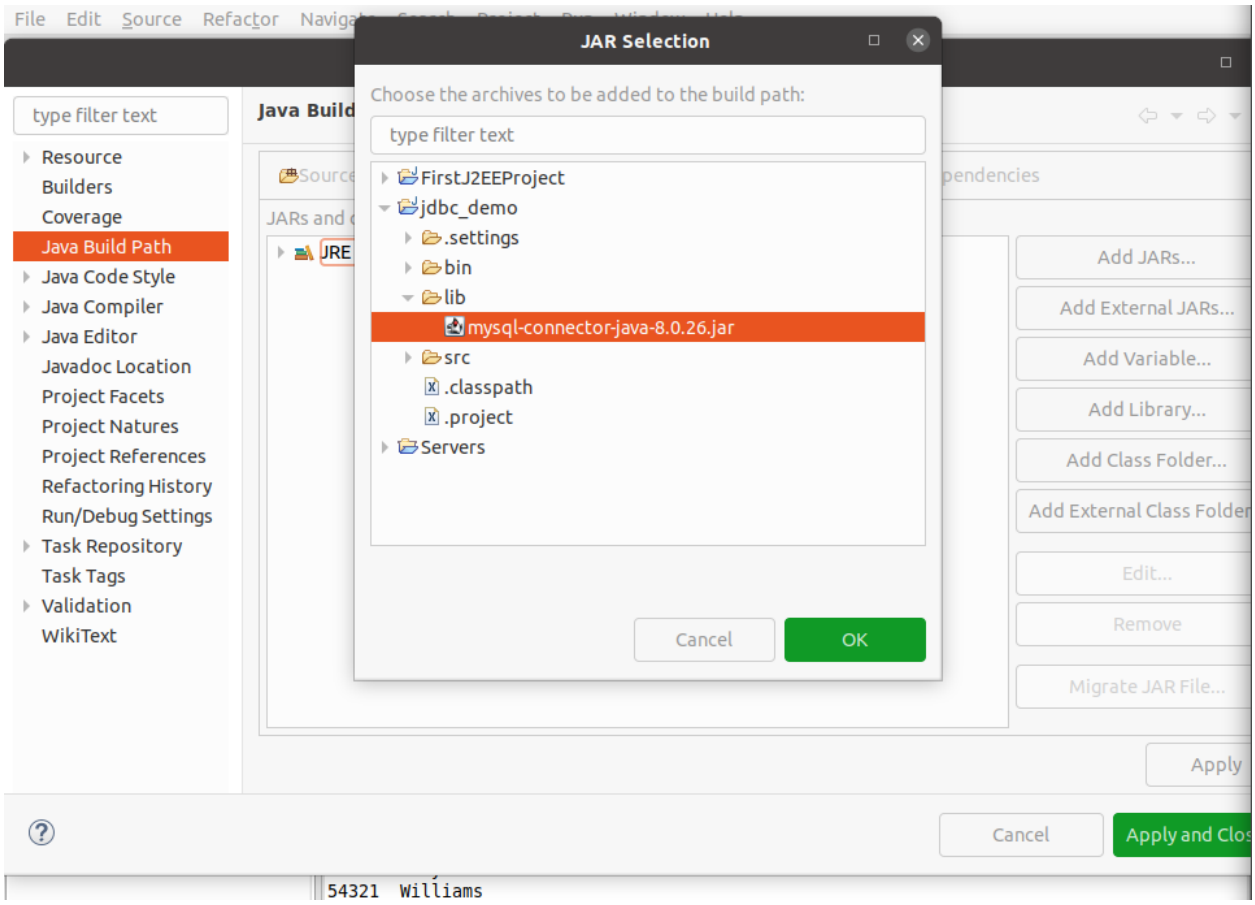
5. Create a folder lib under your project directory right click on jdbc_demo>New>folder, name it as lib



6. Add the mysql.jar file to lib (drag and drop)



7. Right click on your project in the Project Explorer, then ***Build Path>Configure Build Path*** then click on ***Add JARs***(from the dialogue box) and select ***.jar*** file from ***lib*** and click on ***Apply and close***



8. Paste the below code in ***Driver.java*** *[Same file is uploaded with this document]*

```
package jdbcdemo;
import java.sql.*;
public class Driver {

public static void main(String[] args) {
try {
      //Get connection
Connection myConn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/university","
root","123456");
Statement myS=myConn.createStatement();
                //Query
                ResultSet resultSet = myS.executeQuery("SELECT * FROM
student");
                //Display
                while(resultSet.next()) {
```

```
                        System.out.println(resultSet.getString("ID")+"
"+resultSet.getString("name"));
                  }
            }catch(Exception e) {
                  e.printStackTrace();
            }
      }



/*void listDepartments(Statement stmt)
{
      // Write the code for Q2

}

void listDepartments(PreparedStatement stmt)
{
      // Write the code for Q3

}*/

}
```

Here Database is set to ***university***, username is set to ***root*** and password is ***123456***
[Use your created database and username and password]