WEEK-3
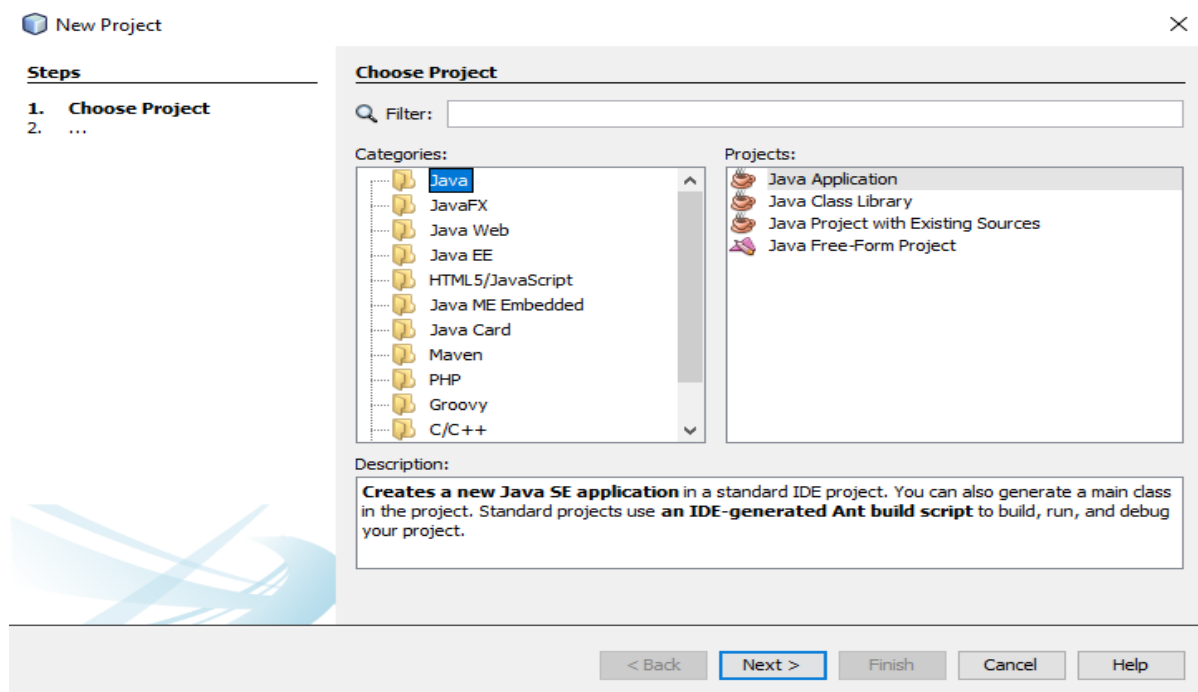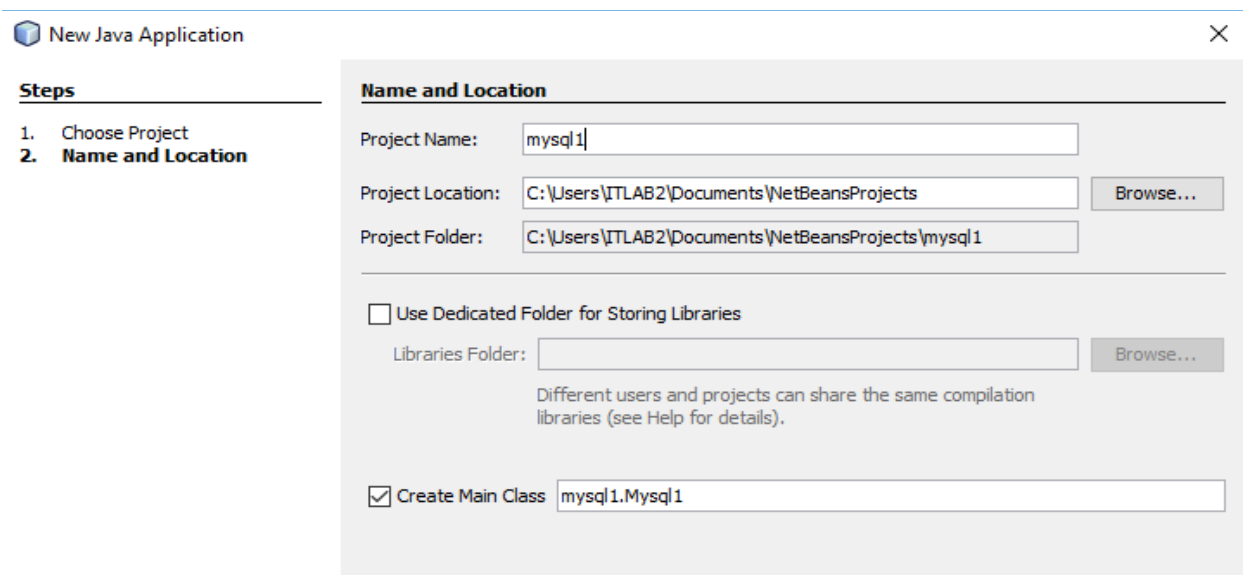
AIM: JDBC-MYSQL CONNECTION
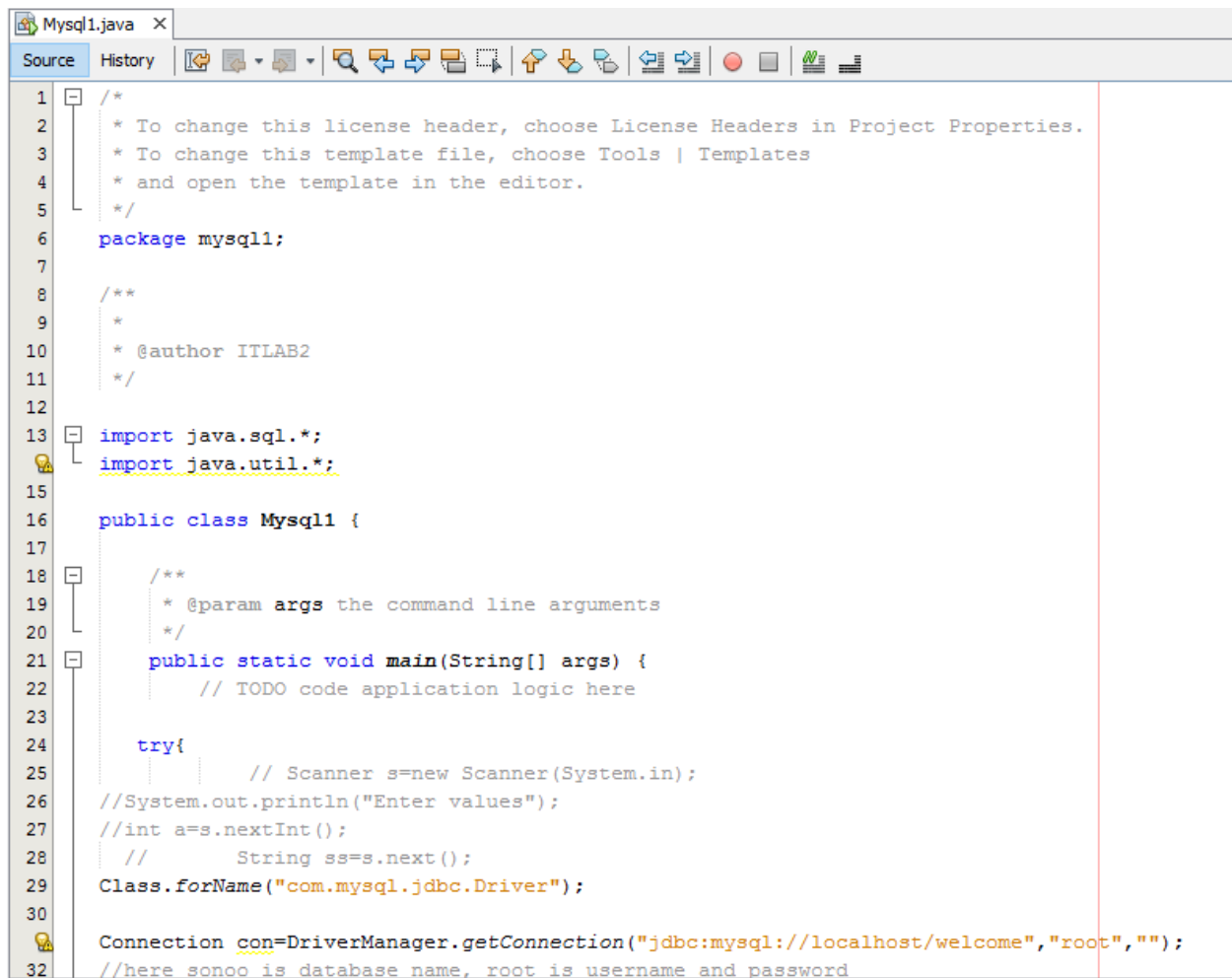
Procedure:

1.Click the category as java and in projects java application and click on next.

2.Enter file name and click finish now your file is setup is completed.
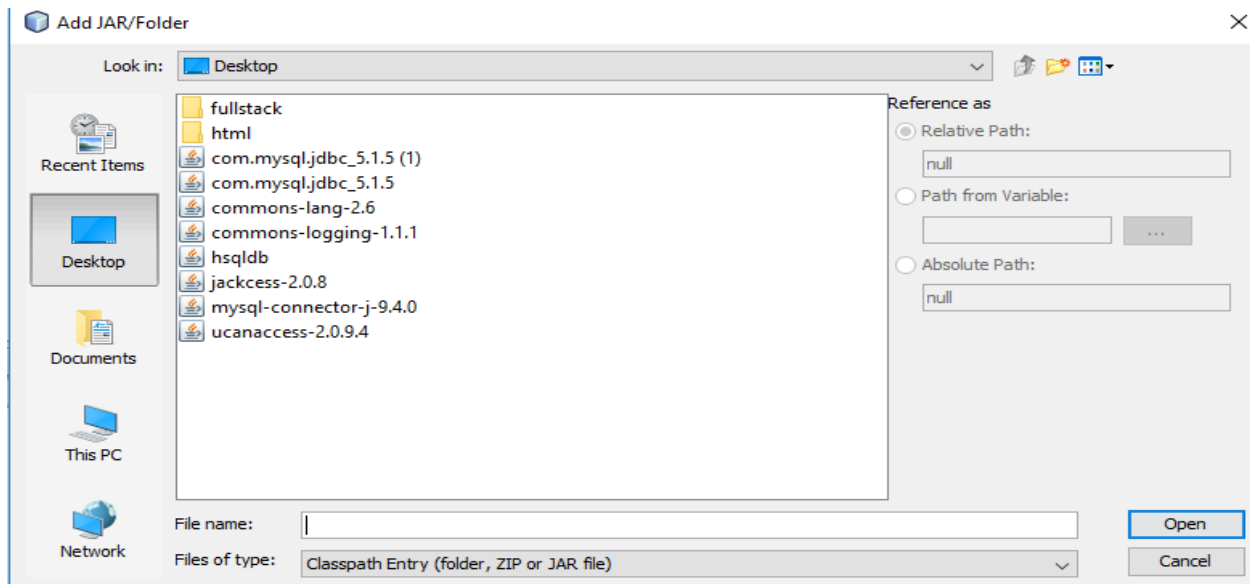
3.Code of the Mysql1 of the project and running the code after adding the data.

```java
Mysql1.java  ×

Source    History

1   /*
2    * To change this license header, choose License Headers in Project Properties.
3    * To change this template file, choose Tools | Templates
4    * and open the template in the editor.
5    */
6   package mysql1;
7
8   /**
9    *
10   * @author ITLAB2
11   */
12
13  import java.sql.*;
    import java.util.*;
15
16  public class Mysql1 {
17
18      /**
19       * @param args the command line arguments
20       */
21      public static void main(String[] args) {
22          // TODO code application logic here
23
24      try{
25              // Scanner s=new Scanner(System.in);
26  //System.out.println("Enter values");
27  //int a=s.nextInt();
28  //          String ss=s.next();
29  Class.forName("com.mysql.jdbc.Driver");
30
        Connection con=DriverManager.getConnection("jdbc:mysql://localhost/welcome","root","");
32  //here sonoo is database name, root is username and password
```

4.In your project libraries add the JAR/Folder and choose all drivers that are required and add them

mysql1
 └ Source Packages
      └ mysql1
           └ Mysql1.java
 └ Libraries
      └ com.mysql.jdbc_5.1.5.jar
      └ JDK 1.8 (Default)

5. Open mysql server and create a database welcome. After creation of database, change the database into welcome database. Insert the table with data of some students and run the server.

```
mysql> use welcome;
Database changed
mysql> create table student(rollnumber varchar(30),name varchar(50));
Query OK, 0 rows affected (0.01 sec)

mysql> insert into student values("238w1a1281","varsha");
Query OK, 1 row affected (0.00 sec)

mysql> insert into student values("238w1a1282","mounika");
Query OK, 1 row affected (0.00 sec)

mysql> select * from student;
+------------+---------+
| rollnumber | name    |
+------------+---------+
| 238w1a1281 | varsha  |
| 238w1a1282 | mounika |
+------------+---------+
2 rows in set (0.00 sec)
```

6. After running of the mysql server and return to the project mysql1 ,run the program and the output is displayed which are added in the table.

```
Output - mysql1 (run)
run:
238w1a1281   varsha
238w1a1282   mounika
BUILD SUCCESSFUL (total time: 0 seconds)
```