**show databases;**

**drop database vit;**

**create database vit;**

**use vit;**

**create table student(**

**id int ,**

**name varchar(25),**

**marks int);**

**insert into student values**

**(101,'jayanth',99),**

**(102,'tamilarasan',100);**

**select \* from student;**

**drop table student;**

**package** databaseconnection;

**import** java.sql.\*;

**import** java.sql.DriverManager;

**public** **class** dbconnection {

**public** **static** **void** main(String[] args) {

**try**{

Class.*forName*("com.mysql.cj.jdbc.Driver");

Connection con=DriverManager.*getConnection*(

"jdbc:mysql://localhost:3306/vit","root","Steve#2772");

Statement stmt =con.createStatement();

ResultSet rs=stmt.executeQuery("select \*from student");

**while**(rs.next())

System.***out***.println(rs.getInt(1)+" "+rs.getString(2) + " "+rs.getInt(3));

con.close();

//System.out.println(con);

}

**catch**(Exception e){

System.***out***.println("sorry for inconvience's please check the credentials");

}

}

}

Output :

101 jayanth 99

102 tamilarasan 100

**package** crud;

**import** java.sql.DriverManager;

**import** java.sql.\*;

**public** **class** DB\_Connection {

**public** **static** **void** main(String[] args) {

DB\_Connection obj\_DB\_Connection= **new** DB\_Connection();

System.***out***.println(obj\_DB\_Connection.get\_connection());

}

**public** Connection get\_connection(){

Connection connection=**null**;

**try**{

Class.*forName*("com.mysql.cj.jdbc.Driver");

connection =DriverManager.*getConnection*("jdbc:mysql://localjost:3306/vit","root","Steve#2772");

}

**catch**(Exception e){

System.***out***.println(e);

}

**return** connection;

}

}

**package** crud;

**import** java.sql.Connection;

**import** java.sql.PreparedStatement;

**public** **class** CRUD\_Operation {

**public** **static** **void** main(String[] args) {

CRUD\_Operation objTest=**new** CRUD\_Operation();

objTest.create\_data("103", "manoj", 55);

objTest.create\_data("104", "karthick", 65);

}

**public** **void** create\_data(String sl\_no,String name,**int** mark){

DB\_Connection obj\_DB\_Connection=**new** DB\_Connection();

Connection connection=obj\_DB\_Connection.get\_connection();

PreparedStatement ps=**null**;

**try** {

String query="insert into student values (?,?,?)";

ps=connection.prepareStatement(query);

ps.setString(1, sl\_no);

ps.setString(2, name);

ps.setInt(3, mark);

System.***out***.println(ps);

ps.executeUpdate();

} **catch** (Exception e) {

System.***out***.println(e);

}

}

}