//creating database in MySQL

show databases;

create database vit;

use vit;

create table student(

id int,

name varchar(25),

marks int

);

insert into student values (201,'sadhvika',100),(202,'susmitha',94);

select \* from student;

//DatabaseConnection

//DBConnection.java

package connection;

import java.sql.\*;

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","Pullthemask7$");

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();

}catch(Exception e) {System.out.println("Incorrect credentials");}

}

}

//CRUD

//DB\_Connection

package crud\_operation;

import java.sql.Connection;

import java.sql.DriverManager;

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://localhost:3306/vit","root","Pullthemask7$");

}catch(Exception e) {

System.out.println(e);

}

return connection;

}

}

//CRUD\_Operation

package crud\_operation;

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);

}

}

}