```
****************************************************************
*Database Connectivity: Write a program to implement MySQL/Oracle database *
*connectivity with any front end language to implement Database navigation *
*operations (add, delete, edit etc.) *
****************************************************************
package comp;

import java.sql.*;

import java.util.Scanner;

public class DeptDB {

public static void main(String[] args) {

try{

Scanner input=new Scanner(System.in);

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

Connection c =

DriverManager.getConnection("jdbc:mysql://localhost: 3306/practical","student",

"Student@123");

Statement sm = c.createStatement();

System.out.println("Database Connected...");

int ch;

do {

System.out.println("Enter Choice \n 1.Insert \n 2.Select \n 3.Update \n 4.Delete

\n 5.Exit ");

ch=input.nextInt();

switch (ch) {

case 1: String sql = "insert into Student values(8,1010,'Ram','Deore',18,

'Nashik');";

sm.executeUpdate(sql);

System.out.println("Record is Inserted...");

break;

case 2: sql = "SELECT first_name, last_name, age,city FROM Student";
```

```java
ResultSet rs = sm.executeQuery(sql);

while(rs.next())

{

String fname = rs.getString("first_name");

String lname = rs.getString("last_name");

int age = rs.getInt("age");

String city = rs.getString("city");

System.out.println("First Name: " + fname);

System.out.println("Last Name: " + lname);

System.out.println("Age: " + age);

System.out.println("City: " + city);

}

break;

case 3: sql = "update Student set first_name='Manoj' where id =5;";

sm.executeUpdate(sql);

System.out.println("Record is Updated...");


break;

case 4: sql = "delete from Student where id = 8;";

sm.executeUpdate(sql);

System.out.println("Record is deleted...");

break;

} }while(ch<5);

}

catch(Exception e){

e.printStackTrace();

}

}

}
```

****

* OUTPUT *

****

Database Connected...

Enter Choice

1.Insert

2.Select

3.Update

4.Delete

5.Exit

1

Record is Inserted...

Enter Choice

1.Insert

2.Select

3.Update

4.Delete

5.Exit

2

First Name: Shyam

Last Name: Kumar

Age: 18

City: Pune

First Name: Vedant

Last Name: More

Age: 19

City: Nashik

First Name: Ajay

Last Name: Singh

Age: 18

City: Mumbai

First Name: Manoj

Last Name: Patil

Age: 19

City: Nagpur

First Name: Alok

Last Name: Pandit

Age: 18

City: Jalgaon

First Name: Sanju

Last Name: Samson

Age: 18

City: Indore

First Name: Ram

Last Name: Deore

Age: 18

City: Nashik

Enter Choice

1.Insert

2.Select

3.Update

4.Delete

5.Exit

3

Record is Updated...

Enter Choice

1.Insert

2.Select

3.Update

4.Delete

5.Exit

4

Record is deleted...

Enter Choice

1.Insert

2.Select

3.Update

4.Delete

5.Exit

5