```
****************************************************************************
*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 matoshri;

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 Chioce \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,'Pooja','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";
  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 Chioce
 1.Insert
 2.Select
 3.Update
 4.Delete
 5.Exit
1
Record is Inserted...
Enter Chioce
 1.Insert
 2.Select
 3.Update
 4.Delete
 5.Exit
2
First Name: Shital
Last Name: Gayke
Age: 18
City: Sinnar
First Name: Sakshi
Last Name: More
Age: 19
City: Nashik
First Name: Ajay
Last Name: Mendade
Age: 18
City: Satpur
First Name: Manoj
Last Name: More
Age: 19
City: Wani
First Name: Alok
Last Name: Pandit
Age: 18
City: Nashik
First Name: Sanju
Last Name: Banka
```

```
Age: 18
City: Bhagur
First Name: Pooja
Last Name: Deore
Age: 18
City: Nashik
Enter Chioce
 1.Insert
 2.Select
 3.Update
 4.Delete
 5.Exit
3
Record is Updated...
Enter Chioce
 1.Insert
 2.Select
 3.Update
 4.Delete
 5.Exit
4
Record is deleted...
Enter Chioce
 1.Insert
 2.Select
 3.Update
 4.Delete
 5.Exit
5
```

```
Microsoft Windows [Version 10.0.26200.6725]
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C:\Users\Lavange>cd /d C:\Users\Lavange\java

C:\Users\Lavange\java>javac -cp ".;mysql-connector-j-9.4.0.jar" DeptDB.java

C:\Users\Lavange\java>java -cp ".;mysql-connector-j-9.4.0.jar" DeptDB
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: Pooja
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
Exiting...

C:\Users\Lavange\java>
```