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*****
*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.) *
*****
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```
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...");
```

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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