

```

package suna;

import java.sql.*;
import java.util.*;
import java.io.*;

public class DeptDB {

    public static void main(String arg[])
    {
        try{

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

            Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/student","root","root");

            PreparedStatement stm=null;

            Statement stmt=conn.createStatement();

            int ch;

            Scanner sc=new Scanner(System.in);

            BufferedReader br=new BufferedReader(new
InputStreamReader(System.in));

            do{

                int r;

                String n = null;

                System.out.println("Enter Your choice \n1 Insert\n2 Update\n3
Delete\n4 Display\n5 Exit");

                ch=sc.nextInt();

                switch(ch)
                {

                    case 1:

                        System.out.println("Enter Roll No");

                        r=Integer.parseInt(br.readLine());

                        System.out.println("Enter Name");

                        n=br.readLine();

```

values (?, ?)";

```
String sql = "insert into student "+ " (roll,name)" + "
```

```
stm = conn.prepareStatement(sql);
```

```
// set param values
```

```
stm.setInt(1, r);
```

```
stm.setString(2, n);
```

```
// 3. Execute SQL query
```

```
stm.executeUpdate();
```

```
break;
```

case 2:

```
System.out.println("Enter Roll No to update");
```

```
r=Integer.parseInt(br.readLine());
```

```
System.out.println("Enter Name");
```

```
n=br.readLine();
```

```
String query = "update student set name=? where
```

roll=? ";

```
stm = conn.prepareStatement(query);
```

```
stm.setString(1, n);
```

```
stm.setInt(2, r);
```

```
stm.executeUpdate();
```

```
System.out.println("Record updated");
```

```
break;
```

case 3:

```
System.out.println("Enter Roll No to Deleted");
```

```
r=Integer.parseInt(br.readLine());
```

```
String sql1="DELETE FROM student WHERE roll=?";
```

```
stm= conn.prepareStatement(sql1);
```

```
stm.setInt(1, r);
```

```
stm.execute();
```

```

        System.out.println("Record Deleted");

        break;

    case 4:

        String qr= "SELECT * FROM student ORDER BY roll";
        ResultSet rs=stmt.executeQuery(qr);
        while(rs.next())
        {
            r=rs.getInt("roll");
            n=rs.getString("name");
            System.out.println("Roll No:"+r+
"\tName:"+n);
        }
        break;

    case 5: System.out.println("Thank You");

        break;

    default: System.out.println("Invalid Choice");

        }
    }while(ch!=5);
    stmt.close();
    conn.close();
}
catch(Exception e)
{
    System.out.println(e);
}
}
}

```