```
import java.io.InputStreamReader;
import java.sql.*;
import java.util.*;
import java.io.*;
public class Vaishu
      public static void main(String arg[])
            try{
                  Class.forName("com.mysql.jdbc.Driver");
                  Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/db","Vaishu","
Vaishu@123");
                  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();
                                     String sql = "insert into student "+ "
(roll,name)" + " values (?, ?)";
                                     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
update");
                                     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);
            }
      }
}
OUTPUT
Enter Your choice
1 Insert
2 Update
3 Delete
```

```
4 Display
5 Exit
Enter Roll No
Enter Name
Vaishu
Enter Your choice
1 Insert
2 Update
3 Delete
4 Display
5 Exit
Enter Roll No
Enter Name
Amey
Enter Your choice
1 Insert
2 Update
3 Delete
4 Display
5 Exit
Enter Roll No
Enter Name
Hemant
Enter Your choice
1 Insert
2 Update
3 Delete
4 Display
5 Exit
Roll No:1 Name: Vaishu
Roll No:2 Name:Amey
Roll No:3 Name:Hemant
Enter Your choice
1 Insert
2 Update
3 Delete
4 Display
5 Exit
Enter Roll No to update
Enter Name
Mahesh
Record updated
Enter Your choice
1 Insert
2 Update
3 Delete
4 Display
```

Name :Vaishnavi Salunke Roll NO : 13321

```
5 Exit
4
Roll No:1 Name:Vaishu
Roll No:2 Name:Amey
Roll No:3 Name:Mahesh
Enter Your choice
1 Insert
2 Update
3 Delete
4 Display
5 Exit
3
Enter Roll No to delete
Record Deleted
Enter Your choice
1 Insert
2 Update
3 Delete
4 Display
5 Exit
Roll No:1 Name:Vaishu
Roll No:2 Name:Amey
Enter Your choice
1 Insert
2 Update
3 Delete
4 Display
5 Exit
Thank You
```