Ứng dụng danh bạ điện thoại:

Viết một InputForm servlet để tạo một HTML form nhập để tra cứu danh bạ điện thoại.

Viết một SearchAccount servlet để tra cứu thông tin danh bạ.

Bài 1: Viết servlet InputForm

```
1. import javax.servlet.*; import javax.servlet.http.*;
2. import java.io.IOException;
3. public class InputForm extends HttpServlet {
4.        static final private String CONTENT_TYPE = "text/html";
5.        //Initialize global variables
6.        public void init() throws ServletException {
7.              // TO DO ...
8.        }
9.        public void doGet (HttpServletRequest request,
10.                              HttpServletResponse
   response)
11.                    throws ServletException, IOException {
12.              // TO DO ...
13.        }
14. }
```

```
1. //Process the HTTP Get request
2. public void doGet ( HttpServletRequest request,
   HttpServletResponse response)
3.              throws ServletException, IOException {
4.    response.setContentType(CONTENT_TYPE);
5.    PrintWriter out = response.getWriter(); // Write to client
6.    out.println("<html><head><title>InputForm</title></head>");
7.    out.println("<body>");
8.    out.println("<h1>Trang Web demo viec tra danh ba dien
   thoai.</h1>");
9.    out.println("<form action="searchaccount" method='post'>");
10.       out.println("Nhap ten thue bao: <INPUT
   NAME="ttbao"><br>");
11.       out.println("Nhap so dien thoai: <INPUT
   NAME="sodthoai"><br>");
12.       out.println("Nhap dia chi: <INPUT NAME="diachi"> <br>");
13.       out.println("<input type='submit' name='Submit' value='Bat
   dau tra'>");
14.       out.println("</form>");   out.println("</body></html>");
15.    }
```

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Address | http://localhost:8080/ServletDB/inputform

Trang Web demo viec tra danh ba dien thoai.

Nhap ten thue bao : [_____]
Nhap so dien thoai : [848_____]
Nhap dia chi : [_____]
[Bat dau tra]

<html>

<head><title>InputForm</title></head>

<body> <h1>Trang Web demo viec tra danh ba dien thoai.</h1>

<form action=searchaccount method='post'>

Nhap ten thue bao : <input name='**ttbao**' >

Nhap so dien thoai : <input name='**sodthoai**' >

Nhap dia chi   : <input name='**diachi**' >

<input type='**submit**' name='Submit' value='Bat dau tra'>

</form>

</body></html>

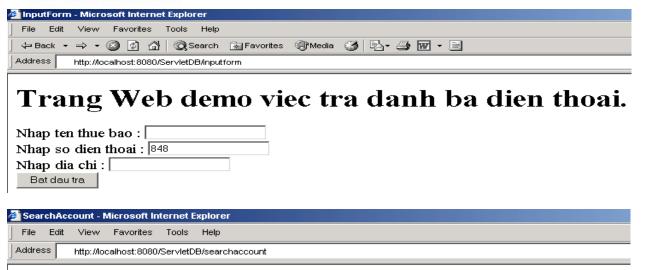**Bài 2: Viết servlet SearchAccount**

```
1.  import javax.servlet.*; import javax.servlet.http.*;
2.  import java.io.*; import java.util.*; import java.sql.*;
3.  public class SearchAccount extends HttpServlet {
4.      static final private String CONTENT_TYPE = "text/html";
5.
6.      // Process the HTTP Post request
7.      public void doPost (HttpServletRequest request,
8.                    HttpServletResponse response)
9.        throws ServletException, IOException
10.     {
11.           // TODO…
12.           // Lay gia tri tu cac textbox tren InputForm
13.     }
14.  }
```

```java
1.  //Process the HTTP Post request
2.  public void doPost (HttpServletRequest request, HttpServletResponse
    response)
3.        throws  ServletException, IOException  {
4.     response.setContentType(CONTENT_TYPE);
5.     PrintWriter out = response.getWriter();
6.     out.println("<html><head><title>SearchAccount</title></head>");
7.     out.println("<body><h1>Ket qua tra dien thoai theo yeu cau cua ban
    :</h1>");
8.     out.println("<table border=1 cellPadding=1 cellSpacing=1>");
9.     String tentbao = request.getParameter("ttbao");
10.        // xay dung lenh SQL
11.        String newSQL = "SELECT * FROM CUSTOMER";
12.        if (tentbao != null && tentbao.length() != 0) {
13.            newSQL = newSQL + " where tentbao like '%" + tentbao + "%'";
14.        }
15.        String conStr = "jdbc:odbc:DanhBaDT";
16.        Statement stmt = null;    ResultSet rs = null;
17.        ……
```

```java
1.  try {   Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
2.     con = DriverManager.getConnection(conStr, "", "");
3.     stmt = con.createStatement();
4.     rs = stmt.executeQuery(newSQL);
5.
6.     out.println("<tr><th>So thu tu</th><th>Ten thue bao</th><th>So dien" +
7.           " thoai</th><th>Dia chi</th></tr>\n");
8.     if (rs != null) {
9.        for ( int i = 1; rs.next();  ) {
10.            out.println("<tr><td>" + i +"</td><td>" + rs.getString(2) +
11.               "</td><td>" + rs.getString(3) + "</td><td>" +
12.               rs.getString(4) + "</td></tr>\n");
13.         } // end for
14.       } // end if
15.        out.println("</table>");
16.        rs.close();      stmt.close();      con.close();
17.     } catch (Exception e) {    System.out.println("Error : " + e);  }
18.        …
19.     } // End doPost()
```

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Address | http://localhost:8080/ServletDB/inputform

Trang Web demo viec tra danh ba dien thoai.

Nhap ten thue bao : [＿＿＿＿＿＿]
Nhap so dien thoai : [848＿＿＿＿]
Nhap dia chi : [＿＿＿＿＿＿]

[Bat dau tra]

SearchAccount - Microsoft Internet Explorer

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Address | http://localhost:8080/ServletDB/searchaccount

Ket qua tra dien thoai theo yeu cau cua ban :

So thu tu	Ten thue bao	So dien thoai	Dia chi
1	Xi Muoi	08-8481234	123 Ly Thuong Kiet
2	Nguyen Quang Hung	84-8481235	234 Lac Long Quan

Quay ve trang chu