**Lab Assignment 4**

Write a servlet that displays the values of the firstName, lastName, and emailAddress request parameters. But, remember what users told you in the past, and use the old values if the current values are missing. So, if a parameter is missing and the client is a first-time visitor, have the servlet list “Unknown” for the missing values. If a parameter is missing and the client is a repeat visitor, have the servlet use previously entered values for the missing values. This should  
definitely be easier than a version that uses cookies explicitly.

Answer:

Index.html

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Register</title>

</head>

<body>

<form action=*"RegisterServlet"* method=*"post"*>

First Name: <input type=*"text"* name=*"fname"*/><br>

Last Name: <input type=*"text"* name=*"lname"*/><br>

Email ID: <input type=*"text"* name=*"email"*/><br>

<input type=*"submit"* value=*"OK"*/>

</form>

</body>

</html>

RegisterServlet.java

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class RegisterServlet

\*/

@WebServlet("/RegisterServlet")

**public** **class** RegisterServlet **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String firstName = request.getParameter("fname");

String lastName = request.getParameter("lname");

String emailAddr = request.getParameter("email");

HttpSession session;

**if** (request.getSession(**false**) == **null**) {

session = request.getSession();

**if** (firstName.equals("0"))

session.setAttribute("fname", "Unknown");

**else**

session.setAttribute("fname", firstName);

**if** (lastName.equals("0"))

session.setAttribute("lname", "Unknown");

**else**

session.setAttribute("lname", lastName);

**if** (emailAddr.equals("0"))

session.setAttribute("email", "Unknown");

**else**

session.setAttribute("email", emailAddr);

out.println("FirstName: " + (String) session.getAttribute("fname") + "<br>LastName: "

+ (String) session.getAttribute("lname") + "<br>Email: " + (String) session.getAttribute("email"));

} **else** {

session = request.getSession(**false**);

**if** (firstName.equals("0"))

firstName = (String) session.getAttribute("fname");

**if** (lastName.equals("0"))

lastName = (String) session.getAttribute("lname");

**if** (emailAddr.equals("0"))

emailAddr = (String) session.getAttribute("email");

out.println("FirstName: " + firstName + "<br>LastName: " + lastName + "<br>Email: " + emailAddr);

}

}

}



