**URL REWriting**

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"FirstServ"*>

<input type=*"text"* name=*"name"*/>

<input type=*"password"* name=*"pass"*/>

<input type=*"text"* name=*"loc"*/>

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

</form>

</body>

</html>

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

String name=request.getParameter("name");

String pass=request.getParameter("pass");

String loc=request.getParameter("loc");

**if**((name.equals("uma"))&&(pass.equals("uma")))

{

response.sendRedirect("Inbox?name="+name+"&loc="+loc);

}

}

}

**public** **class** Inbox **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

String name=request.getParameter("name");

System.*out*.println(name);

String loc=request.getParameter("loc");

PrintWriter ps=response.getWriter();

ps.println("<html>");

ps.println("<body>");

ps.println("welcome "+name);

ps.println("welcome to "+loc);

ps.println("<a href='SentItems?name"+name+"&loc="+loc+"'/>sent items</a>");

ps.println("</body>");

ps.println("</html>");

}

}

**public** **class** SentItems **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

String name=request.getParameter("name");

String loc=request.getParameter("loc");

PrintWriter ps=response.getWriter();

ps.println("<html>");

ps.println("<body>");

ps.println("welcome "+name);

ps.println("welcome to "+loc);

//ps.println("<a href='Inbox?name'+name+'&location='+loc/>sent items</a>");

ps.println("<a href='Inbox?name="+name+"&loc="+loc+"'/>sent items</a>");

ps.println("</body>");

ps.println("</html>");

}

}

Hidden

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"Register"*>

Enter the userName:<input type=*"text"* name=*"name"*/>

Enter the Location:<input type=*"text"* name=*"loc"*/>

Enter the password:<input type=*"password"* name=*"pass"*/>

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

</form>

</body>

</html>

**import** java.io.\*;

**import** javax.servlet.ServletException;

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

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

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

**public** **class** Register **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

PrintWriter ps=response.getWriter();

String name=request.getParameter("name");

String pass=request.getParameter("pass");

String loc=request.getParameter("loc");

ps.println("<html>");

ps.println("<body>");

ps.println("<form action='Inbox'>");

ps.println("<input type='hidden' name='name' value='"+name+"'/>");

ps.println("<input type='hidden' name='loc' value='"+loc+"'/>");

ps.println("Enter the Mobile No<input type='text' name='pn'/>");

ps.println("Enter the Car No<input type='text' name='cn'/>");

ps.println("<input type='submit' value='ReEnter'/>");

ps.println("</form>");

ps.println("</body>");

ps.println("</html>");

}

}

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class Inbox extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException

{

PrintWriter ps=response.getWriter();

String name=request.getParameter("name");

String loc=request.getParameter("loc");

String pn=request.getParameter("pn");

String cn=request.getParameter("cn");

ps.println("welcome "+name);

ps.println("welcome to "+loc);

ps.println("Yours Mobile no is"+pn);

ps.println("Yours Car no is"+cn);

}

}

Cookies

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"FirstServ"*>

<input type=*"text"* name=*"name"*/>

<input type=*"password"* name=*"pass"*/>

<input type=*"text"* name=*"loc"*/>

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

</form>

</body>

</html>

**public** **class** FirstServ **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

String name=request.getParameter("name");

String pass=request.getParameter("pass");

String loc=request.getParameter("loc");

**if**((name.equals("uma"))&&(pass.equals("uma")))

{

Cookie c=**new** Cookie("user",name);

Cookie c1=**new** Cookie("loc",loc);

response.addCookie(c);

response.addCookie(c1);

response.sendRedirect("Inbox");

}

}

}

**public** **class** Inbox **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

PrintWriter ps=response.getWriter();

String name=**null**;

String loc=**null**;

Cookie [] cook=request.getCookies();

**for**(Cookie c:cook)

{

**if**(c.getName().equals("user"))

{

name=c.getValue();

}

**else** **if**(c.getName().equals("loc"))

{

loc=c.getValue();

}

}

ps.println("welcome "+name);

ps.println("welcome to "+loc);

ps.println("<a href='SentItems'/>sent items</a>");

}

}

**public** **class** SentItems **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

PrintWriter ps=response.getWriter();

String name=**null**;

String loc=**null**;

Cookie [] cook=request.getCookies();

**for**(Cookie c:cook)

{

**if**(c.getName().equals("user"))

{

name=c.getValue();

}

**else** **if**(c.getName().equals("loc"))

{

loc=c.getValue();

}

}

ps.println("welcome "+name);

ps.println("welcome to "+loc);

ps.println("<a href='InBox'/>Inbox</a>");

}

}

Session

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"FirstServ"*>

<input type=*"text"* name=*"name"*/>

<input type=*"password"* name=*"pass"*/>

<input type=*"text"* name=*"loc"*/>

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

</form>

</body>

</html>

**Session Tracking**

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"FirstServ"*>

<input type=*"text"* name=*"name"*/>

<input type=*"password"* name=*"pass"*/>

<input type=*"text"* name=*"loc"*/>

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

</form>

</body>

</html>

**public** **class** FirstServ **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

String name=request.getParameter("name");

String pass=request.getParameter("pass");

String loc=request.getParameter("loc");

**if**((name.equals("uma"))&&(pass.equals("uma")))

{

HttpSession session=request.getSession();

session.setAttribute("name",name);

session.setAttribute("loc",loc);

response.sendRedirect("Inbox");

}

}

}

**public** **class** Inbox **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

PrintWriter ps=response.getWriter();

HttpSession session=request.getSession();

String name=(String)session.getAttribute("name");

String loc=(String)session.getAttribute("loc");

ps.println("welcome "+name);

ps.println("welcome to "+loc);

ps.println("<a href='SentItems'/>sent items</a>");

ps.println("<a href='LogOut'/>LogOut</a>");

}

}

**public** **class** SentItems **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

PrintWriter ps=response.getWriter();

HttpSession session=request.getSession();

String name=(String)session.getAttribute("name");

String loc=(String)session.getAttribute("loc");

ps.println("welcome "+name);

ps.println("welcome to "+loc);

ps.println("<a href='Inbox'/>Inbox</a>");

ps.println("<a href='LogOut'/>LogOut</a>");

}

}

**public** **class** LogOut **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException

{

HttpSession hs=request.getSession();

hs.invalidate();

response.sendRedirect("Form.html");

}

}

Session tracking

**package** view;

**import** java.io.\*;

**import** javax.servlet.\*;

**import** javax.servlet.http.\*;

**public** **class** SessionTracker **extends** HttpServlet {

**public** **void** doGet(HttpServletRequest req, HttpServletResponse res)

**throws** ServletException, IOException {

res.setContentType("text/html");

PrintWriter out = res.getWriter();

// Get the current session object, create one if necessary

HttpSession session = req.getSession(**true**);

// Increment the hit count for this page. The value is saved

// in this client's session under the name "tracker.count".

Integer count = (Integer)session.~~getValue~~("tracker.count");

**if** (count == **null**)

count = **new** Integer(1);

**else**

count = **new** Integer(count.intValue() + 1);

session.~~putValue~~("tracker.count", count);

out.println("<HTML><HEAD><TITLE>SessionTracker</TITLE></HEAD>");

out.println("<BODY><H1>Session Tracking Demo</H1>");

// Display the hit count for this page

out.println("You've visited this page " + count +

((count.intValue() == 1) ? " time." : " times."));

out.println("<P>");

out.println("<H2>Here is your session data:</H2>");

String[] names = session.~~getValueNames~~();

**for** (**int** i = 0; i < names.length; i++) {

out.println(names[i] + ": " + session.~~getValue~~(names[i]) + "<BR>");

}

out.println("</BODY></HTML>");

}

}