Example for Cookies

package com.sssit.sessiont.servlets;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.Cookie;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class FirstServlet

\*/

public class FirstServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public FirstServlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter pw = response.getWriter();

response.setContentType("text/html");

/\* How to retreive the cookies from request \*/

Cookie ck[] = request.getCookies();

int i = 1;

if(ck==null || ck.length==0) {

pw.println("<h1> Wecome to MyApp </h1>");

/\* How to create a cookie\*/

Cookie ckie = new Cookie("count", String.valueOf(i));

/\* How to add the Cookie to response \*/

response.addCookie(ckie);

} else {

/\* How to retrieve the cookies from request \*/

for(Cookie c : ck) {

i = Integer.parseInt(c.getValue()) + 1;

pw.println("<h2> Welcome Back..." + i + "</h2>");

Cookie ckie = new Cookie("count", String.valueOf(i));

response.addCookie(ckie);

}

}

}

}

Example for URL rewriting

**package** com.sssit.sessiont.servlets;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

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

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

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

/\*\*

\* Servlet implementation class SecondServlet

\*/

**public** **class** SecondServlet **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** SecondServlet() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter pw = response.getWriter();

response.setContentType("text/html");

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

**if**(uname==**null**) {

RequestDispatcher rd = request.getRequestDispatcher("displayname?name=guest");

rd.include(request, response);

}

**else**

{

RequestDispatcher rd = request.getRequestDispatcher("displayname?name="+uname);

rd.include(request, response);

}

}

}

**package** com.sssit.sessiont.servlets;

**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;

/\*\*

\* Servlet implementation class DisplayNameServlet

\*/

**public** **class** DisplayNameServlet **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** DisplayNameServlet() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter pw = response.getWriter();

response.setContentType("text/html");

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

pw.println("<h1> Welcome......" + uname + "</h1>");

}

}

HiddenFormFields

**package** com.sssit.sessiont.servlets;

**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;

/\*\*

\* Servlet implementation class ThirdServlet

\*/

**public** **class** ThirdServlet **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** ThirdServlet() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter pw = response.getWriter();

response.setContentType("text/html");

pw.println("<h1> click submit </h1>\r\n" +

"<form action=fourth method=\"post\">\r\n" +

"\r\n" +

"<input type=hidden name=loginstatus value=true />\r\n" +

"<input type=submit value=submit>\r\n" +

"</form>");

}

}

**package** com.sssit.sessiont.servlets;

**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;

/\*\*

\* Servlet implementation class FourthServlet

\*/

**public** **class** FourthServlet **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** FourthServlet() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter pw = response.getWriter();

response.setContentType("text/html");

**boolean** loginStatus = Boolean.*parseBoolean*(request.getParameter("loginstatus"));

pw.println("Login status....." + loginStatus);

**if**(loginStatus)

pw.println("Credentias are validated.....");

**else**

pw.println("Please validate your Credentias.....");

pw.println("<h1> click submit </h1>\r\n" +

"<form action=fifth method=\"post\">\r\n" +

"\r\n" +

"<input type=hidden name=loginstatus value=false />\r\n" +

"<input type=submit value=submit>\r\n" +

"</form>");

}

}

**package** com.sssit.sessiont.servlets;

**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;

/\*\*

\* Servlet implementation class FifthServlet

\*/

**public** **class** FifthServlet **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** FifthServlet() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter pw = response.getWriter();

response.setContentType("text/html");

**boolean** loginStatus = Boolean.*parseBoolean*(request.getParameter("loginstatus"));

pw.println("Login status....." + loginStatus);

**if**(loginStatus)

pw.println("Credentias are validated.....");

**else**

pw.println("Please validate your Credentias.....");

}

}

HttpSession

* getCreationTime()
* getId()
* getLastAccessedTime()
* getMaxInactiveInterval()
* getServletContext()
* getSessionContext()
* invalidate()
* isNew()
* setMaxInactiveInterval(int)