Session Tracking Using Hidden Form Fields

Index HTML

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action="LoginServlet" method="post">

<input type=hidden name="userid" id="userid" value="admin">

<button>Dashboard with hidden form fields login</button>

</form>

<br><br>

<a href="Dashboard">Dashboard without hidden form fields login</a>

</body>

</html>

Login Servlet

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;

/\*\*

\* Servlet implementation class LoginServlet

\*/

*@WebServlet*("/LoginServlet")

public class LoginServlet extends HttpServlet {

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

/\*\*

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

\*/

public LoginServlet() {

super();

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

}

/\*\*

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

\*/

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

PrintWriter out = response.getWriter();

out.println("<html><body>");

String userId = request.getParameter("userid");

//creating a new hidden form field

out.println("<form action='Dashboard' method='post'>");

out.println("<input type='hidden' name='userid' id='userid' value='"+userId+"'>");

out.println("<input type='submit' value='submit' >");

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

out.println("<script>document.forms[0].submit();</script>");

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

doGet(request, response);

}

}

Dashboard Servlet

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;

/\*\*

\* Servlet implementation class Dashboard

\*/

*@WebServlet*("/Dashboard")

public class Dashboard extends HttpServlet {

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

/\*\*

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

\*/

public Dashboard() {

super();

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

}

/\*\*

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

\*/

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

PrintWriter out = response.getWriter();

out.println("<html><body>");

String userId = request.getParameter("userid");

if (userId == null) {

out.println("No UserId was found in hidden form field.<br>");

} else {

out.println("UserId found in hidden form field: " + userId + "<br>");

}

out.println("</body></html>");

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

doGet(request, response);

}

}