<!DOCTYPE html>

<**html**>

<**head**>

<**meta** charset="UTF-8">

<**title**>Insert title here</**title**>

</**head**>

<**body**>

<**a** href="login?userid=admin">Dashboard with cookie login</**a**><**br**>

<**a** href="dashboard">Dashboard without cookie login</**a**>

</**body**>

</**html**>

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

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

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

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

/\*\*

**\*** 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** {

// TODO Auto-generated method stub

Cookie userId = **new** Cookie("userid", request.getParameter("userid"));

response.addCookie(userId);

response.sendRedirect("dashboard");

}

/\*\*

**\*** **@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);

}

}

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

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

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

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

/\*\*

**\*** 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** {

// TODO Auto-generated method stub

Cookie cookie = **null**;

Cookie[] cookies = **null**;

boolean found = **false**;

**PrintWriter** out = response.getWriter();

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

cookies = request.getCookies();

**if** (cookies != **null**) {

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

cookie = cookies[i];

**if** (cookie.getName().contentEquals("userid") && cookie.getValue() != **null**) {

out.println("UserId read from cookie:" + cookie.getValue() + "<br>");

found = **true**;

}

}

}

**if** (!found) {

out.println("No UserId was found in cookie.<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);

}

}

<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://xmlns.jcp.org/xml/ns/javaee" xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd" id="WebApp\_ID" version="4.0">

<display-name>CookieTrackingDemo</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<servlet>

<servlet-name>LoginServlet</servlet-name>

<servlet-class>LoginServlet</servlet-class>

</servlet>

<servlet>

<servlet-name>Dashboard</servlet-name>

<servlet-class>Dashboard</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Dashboard</servlet-name>

<url-pattern>/dashboard</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>LoginServlet</servlet-name>

<url-pattern>/login</url-pattern>

</servlet-mapping>

</web-app>