**Write a program to demonstrate a Session Tracking using Cookies.**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

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

<a href="Dashboard">Dashboard without cookie login</a><br>

</body>

</html>

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.Cookie;

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 {

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);

}

}