Practical 13(login logout)

* login.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"Login"* method=*"post"*>

User name : <input type=*"text"* name=*"uname"*><br><br>

Password : <input type=*"password"* name=*"pass"*><br><br>

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

</form>

</body>

</html>

* logout.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

Your had successfully logged out, to login again click here <a href=*"login.html"*> Login </a>

</body>

</html>

* session.html

<!DOCTYPE html>

<html>

<head>

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

<title>Login Servlet Demo</title>

</head>

<body>

Session expired please click here to <a href=*"login.html"*> Login again</a>

</body>

</html>

* home.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!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>

<%

Cookie[] cks = request.getCookies();

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

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

String name = cks[i].getName();

String value = cks[i].getValue();

**if** (name.equals("auth")) {

**break**; // exit the loop and continue the page

}

**if** (i == (cks.length - 1)) // if all cookie are not valid redirect to error page

{

response.sendRedirect("sessionExpired.html");

**return**; // to stop further execution

}

i++;

}

} **else** {

response.sendRedirect("sessionExpired.html");

**return**; // to stop further execution

}

%>

<h3>You had successfully logged in.</h3><br>

your session is set to expire in 10min<br>

try reloading after 10 min <br>

<form action=*"Logout"* method=*"post"*>

<input type=*"submit"* value=*"Logout"*>

</form>

</body>

</html>

* Login.java

//package com.pvgcoet.servlet.cookie;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.RequestDispatcher;

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;

@WebServlet("/Login")

public class Login extends HttpServlet {

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

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

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

PrintWriter out=response.getWriter();

Cookie ck=new Cookie("auth", un);

ck.setMaxAge(600);

if(un.equals("java")&pw.equals("pvg"))

{

response.addCookie(ck);

response.sendRedirect("home.jsp");

return;

}

else

{

RequestDispatcher rd = request.getRequestDispatcher("login.html");

out.println("<font color=red>Either user name or password is wrong.</font>");

rd.include(request, response);

}

}

}

* Logout.java

//package com.candidjava.servlet.cookie;

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;

@WebServlet("/Logout")

public class Logout extends HttpServlet {

private static final long serialVersionUID = 1L;

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

Cookie ck=new Cookie("auth","un");

ck.setMaxAge(0);

response.addCookie(ck);

response.sendRedirect("logout.html");

}

}