# Source code for validation of the User Login: Index.html :

<!DOCTYPE html>

<html>

<head>

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

<title>User Login</title>

</head>

<body>

<h1>User Login</h1>

<form action=*"Login"*>

<input type=*"text"* name=*"userName"* placeholder=*"Your username"*>

<br> <br>

<input type=*"password"* name=*"userPassword"* placeholder=*"Password"*/>

<br><br>

<input type=*"submit"* value=*"LOGIN"*/>

</form>

</body>

</html>

# LoginServlet :

package com.simpli.servlet; 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.HttpServlet;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse; import javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class LoginServlet

\*/ @WebServlet("/Login")

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 {

//Set the content type response.setContentType("text/html");

//Get the writer

PrintWriter out = response.getWriter();

//Get the userName from the request

String uName = request.getParameter("userName");

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

//Get a reference to the HttpSession object HttpSession theSession = request.getSession();

//Validate the username if(uName.trim().equals("Pratiksha") &&

userPassword.trim().equals("Pratiksha@123")) {

//Save the username in the session theSession.setAttribute("userName", uName); theSession.setAttribute("userPassword", userPassword);

//Redirect to the Dashboard response.sendRedirect("dashboard");

}

else {

out.println("<font color='red'>Invalid username or password...</font>");

RequestDispatcher dispatcher = request.getRequestDispatcher("index.html");

dispatcher.include(request, response);

}

}

# LogoutServlet :

package com.simpli.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 LogOutServlet

\*/ @WebServlet("/logout")

public class LogOutServlet extends HttpServlet { private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public LogOutServlet() { super();

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

//Invalidate the session here request.getSession().invalidate();

out.println("<h2>You are now logged out...<br>");

out.println("<a href='index.html'>Login again</a>");

}

/\*\*

\* @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);

}

}

# DashboardServlet :

package com.simpli.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; import javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class DashboardServlet

\*/ @WebServlet("/dashboard")

public class DashboardServlet extends HttpServlet { private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public DashboardServlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

response.setContentType("text/html");

HttpSession session = request.getSession();

PrintWriter out = response.getWriter();

//Check whether the session already exists

if (session.getAttribute("userName") != null) {

out.println("<h3>Welcome " + session.getAttribute("userName"));

out.println("<br> You are now logged in...</h3>");

out.println("<p><h4><a href='logout'>LOGOUT</a></h4>");

}

else {

response.sendRedirect("index.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);

}

}