###For Login Servlet

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("Yogesh") && userPassword.trim().equals("Yogesh@9211")) {

//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);

}

}

## For Logout Servlet

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);

}

}

## For Dashboard

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);

}

}