Validation of the User Login

**Login.java**

Sourcecode:

**package** validation;

**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;

@WebServlet("/Login")

**public** **class** Login **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**public** Login() {

// **TODO** Auto-generated constructor stub

}

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

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

String pword=request.getParameter("txtPassword");

PrintWriter out=response.getWriter();

**if**(uname.equalsIgnoreCase("sandeep") && pword.equals("12345678")){

out.println("You are Welcomed");

}

response.getWriter().append("Served at: ").append(request.getContextPath());

}

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

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

String pword=request.getParameter("txtPassword");

PrintWriter out=response.getWriter();

RequestDispatcher rd;

**if**(uname.equalsIgnoreCase("sandeep") && pword.equals("12345678")){

HttpSession session=request.getSession(**true**);

session.setAttribute("username",uname);

out.println("You are Welcomed");

rd=request.getRequestDispatcher("Welcome");

rd.forward(request, response);}

**else** {

out.println("Invalid Username or Password");

rd=request.getRequestDispatcher("<h1>Userlogin.html</h1>");

rd.include(request, response);

}

}

}

**Logout.java**

Sourcecode:

package validation;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

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;

public Logout() {

super();

}

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

response.getWriter().append("Served at: ").append(request.getContextPath());

}

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

doGet(request, response);

}

}

**Welcome.java**

Sourcecode:

**package** validation;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.util.Date;

**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;

@WebServlet("/Welcome")

**public** **class** Welcome **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**public** Welcome() {

**super**();

}

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

response.getWriter().append("Served at: ").append(request.getContextPath());

}

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

PrintWriter out=response.getWriter();

HttpSession session=request.getSession();

String uname=(String)session.getAttribute("username");

out.println("<h1>Welcome User "+ uname+" you have successfully logged into the application</h1>"+**new** Date());

out.println("<a href='Logout'>Logout</a>");

}

}

**Index.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h2>User Login application</h2>

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

UserName:<input type=*"text"* name=*"txtUname"*>

Password:<input type=*"password"* name=*"txtPassword"*>

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

<a href=*"Logout"*>Logout</a>

</form>

</body>

</html>