validation of user login

Step-1:

* 1. Create a dynamic web project .
  2. Enter project name ValidationOfUserLogin
  3. Expand the project go to source>>java>>webapp>>Right click on webapp>>New>>Select HTML file.
  4. Give the file name as index.html
  5. Enter the below code.

Index.html:

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"servlet1"* method=*"post"*>

Name:<input type=*"text"* name=*"username"*/><br/><br/>

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

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

</form>

</body>

</html>

Step-2: Taking a servlet

2.1 Right click on src/java/main>>New>>servlet

2.2 Give name as FirstServlet

2.3 Enter the following code

FirstServlet.java

import java.io.IOException;

import java.io.PrintWriter;

import jakarta.servlet.RequestDispatcher;

import jakarta.servlet.ServletException;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class FirstServlet

\*/

public class FirstServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

public FirstServlet() {

super();

// TODO Auto-generated constructor stub

}

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

// TODO Auto-generated method stub

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String n=request.getParameter("username");

String p=request.getParameter("userpass");

if(LoginDemo.validate(n,p)){

RequestDispatcher rd=request.getRequestDispatcher("servlet2");

rd.forward(request,response);

}

else{

out.print("Sorry username or password error");

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

rd.include(request,response);

}

out.close();

}

}

Step-3:

3.1 Right click on src/java/main>>New>>servlet

3.2 Give name as WelcomServlet

3.3 Enter the following code

WelcomServlet.java

import java.io.IOException;

import java.io.PrintWriter;

import jakarta.servlet.ServletException;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class WelcomeServlet

\*/

public class WelcomeServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

public WelcomeServlet() {

super();

// TODO Auto-generated constructor stub

}

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

// TODO Auto-generated method stub

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String n=request.getParameter("username");

out.print("Welcome "+n);

out.close();

}

}

Step-4

4.1 Right click on src/java/main>>New>>class

4.2 Give class name as LoginDemo

4.3 Enter the below code

LoginDemo.java

**public** **class** LoginDemo {

**public** **static** **boolean** validate(String name,String pass){

**boolean** status=**false**;

**if**(name.equals("pavan")&& pass.equals("123"))

{

status=**true**;

}

**else**

{

status=**false**;

}

**return** status;

Step-5 Web.xml file

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"https://jakarta.ee/xml/ns/jakartaee"* xmlns:web=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"https://jakarta.ee/xml/ns/jakartaee https://jakarta.ee/xml/ns/jakartaee/web-app\_5\_0.xsd"* id=*"WebApp\_ID"* version=*"5.0"*>

<display-name>ValidationOfUserLogin</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.jsp</welcome-file>

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

<servlet>

<description></description>

<display-name>FirstServlet</display-name>

<servlet-name>FirstServlet</servlet-name>

<servlet-class>FirstServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>FirstServlet</servlet-name>

<url-pattern>/servlet1</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>WelcomeServlet</display-name>

<servlet-name>WelcomeServlet</servlet-name>

<servlet-class>WelcomeServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>WelcomeServlet</servlet-name>

<url-pattern>/servlet2</url-pattern>

</servlet-mapping>

</web-app>