**Practice Project**

Validation of User login

Code:

Index file:

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

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

<h1> Login Information</h1>

Enter Email-id <input type=*"text"* name=*"txtUname"* > <br><br>

Enter Password <input type=*"password"* name=*"txtPword"*><br><br>

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

</form>

</body>

</html>

LoginValidation 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;

/\*\*

\* Servlet implementation class LoginValidation

\*/

@WebServlet("/LoginValidation")

**public** **class** LoginValidation **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** LoginValidation() {

**super**();

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

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

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

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

**if**(uname.equalsIgnoreCase("java@gmail.com") && pword.equals("eclipse@123")) {

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

rd.forward(request, response);

}

**else**

{

PrintWriter out=response.getWriter();// out object prints output on Web Browser

out.println("<h3>Invalid username and Password.</h3>");

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

rd.include(request, response);

}

}

}

WelcomeServlet 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 WelcomeServlet

\*/

@WebServlet("/WelcomeServlet")

**public** **class** WelcomeServlet **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** WelcomeServlet() {

**super**();

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

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

PrintWriter out=response.getWriter();

out.println("Welcome User!!");

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

}

}

Logout 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 Logout

\*/

@WebServlet("/Logout")

**public** **class** Logout **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** Logout() {

**super**();

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

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

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

PrintWriter out=response.getWriter();

out.println("You have logged out successfully.");

}

}

Web.xml file:

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

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"* id=*"WebApp\_ID"* version=*"3.0"*>

<display-name>UserValidation</display-name>

<welcome-file-list>

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

</welcome-file-list>

</web-app>