**Write Up:**

Step 1: Created a dynamic web project.

Step 2:Created a servlet in src and expand project add servlet jar file.

Step 3: Created an HTML page named index.html. In index.html file I have created a login page.

Step 4: I have created another HTML file named Welcome.html if user credentials are correct it will display the message.

Step 5: I have created another HTML file named LoginError.html If user credentials are wrong it will display the invalid user credentials.

Step 6: In the servlet file from doget() validation of user credentials is done.

Step 7: Configuring web.xml.

Step 8: Click on save icon.

Step 9: Add server named tomcat 7.

Step 10: Run the server.

Step 11: In the web browser we can see the login page. Enter the user credentials in the login page.

**Source Code:**

//MyServlet.java

**import** java.io.IOException;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.RequestDispatcher;

/\*\*

\* Servlet implementation class MyServlet

\*/

**public** **class** MyServlet **extends** HttpServlet {

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

/\*\*

\* Default constructor.

\*/

**public** MyServlet() {

// **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

RequestDispatcher rd;

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

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

**if** ("admin".equalsIgnoreCase(userName) && "asdf22".equals(password)){

rd=getServletContext().getRequestDispatcher("/Welcome.html");

System.***out***.println("Valid user");

rd.forward(request,response);

}**else** {

rd=getServletContext().getRequestDispatcher("/LoginError.html");

System.***out***.println("Invalid user");

rd.forward(request,response);

}

response.getWriter().append("Response from doGet()");

}

/\*\*

\* **@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);

}

}

//index.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h2 align=*"center"*> Login</h2>

<hr>

<form action=*"displayPage"*>

<div align=*"center"*>

<table>

<tr>

<td>User Name:</td>

<td>

<td><input type=*"text"* name=*"userName"*></td>

</td>

<td>Password:</td>

<td><input type =*"password"* name=*"password"*></td>

<td><input type=*"reset"* value=*"Clear"*></td>

<td align=*"center"*><input type=*"Submit"* value=*"Login"*></td>

</tr>

</table>

</div>

</form>

</body>

</html>

//Web.xml

<?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\_2\_5.xsd"* id=*"WebApp\_ID"* version=*"2.5"*>

<display-name>project2\_1</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>

<servlet-name>MyServlet</servlet-name>

<servlet-class>MyServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>MyServlet</servlet-name>

<url-pattern>/displayPage</url-pattern>

</servlet-mapping>

</web-app>

//Welcome.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h2>Welcome User!!!</h2>

</body>

</html>

//LoginError.html

!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h3 style="color: *red*">Invalid credentials </h3>

Click here to

<a href=*"http://localhost:8080/project2\_1/index.html"*>login</a>

</body>

</html>

**Output:**







