

Exp No: 4
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HELLO WORLD IN SERVLET

AIM:

To create a web form that accepts a user's name and age and to write a servlet to process the form data and display it back on the browser

PROGRAM:

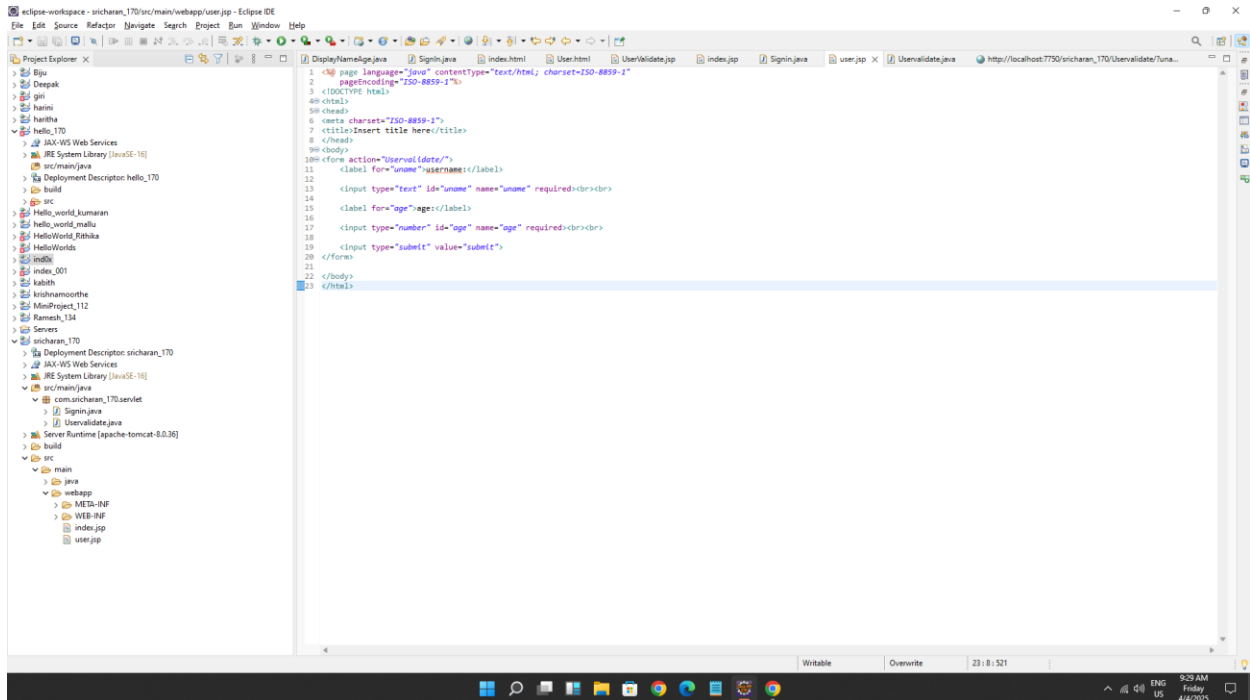
User.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>LOGIN</title>
</head>
<body>
<h1>Hello User!!</h1>
<form method="GET" action="/ROHIT_191/user_validate.jsp">
<p>
<label>Name:</label>
<input type="text" name = "name"/>
</p>
<p>
<label>Age:</label>
<input type="number" name = "age"/>
</p>
<input type="submit" value="submit"/>
</body>
</html>
```

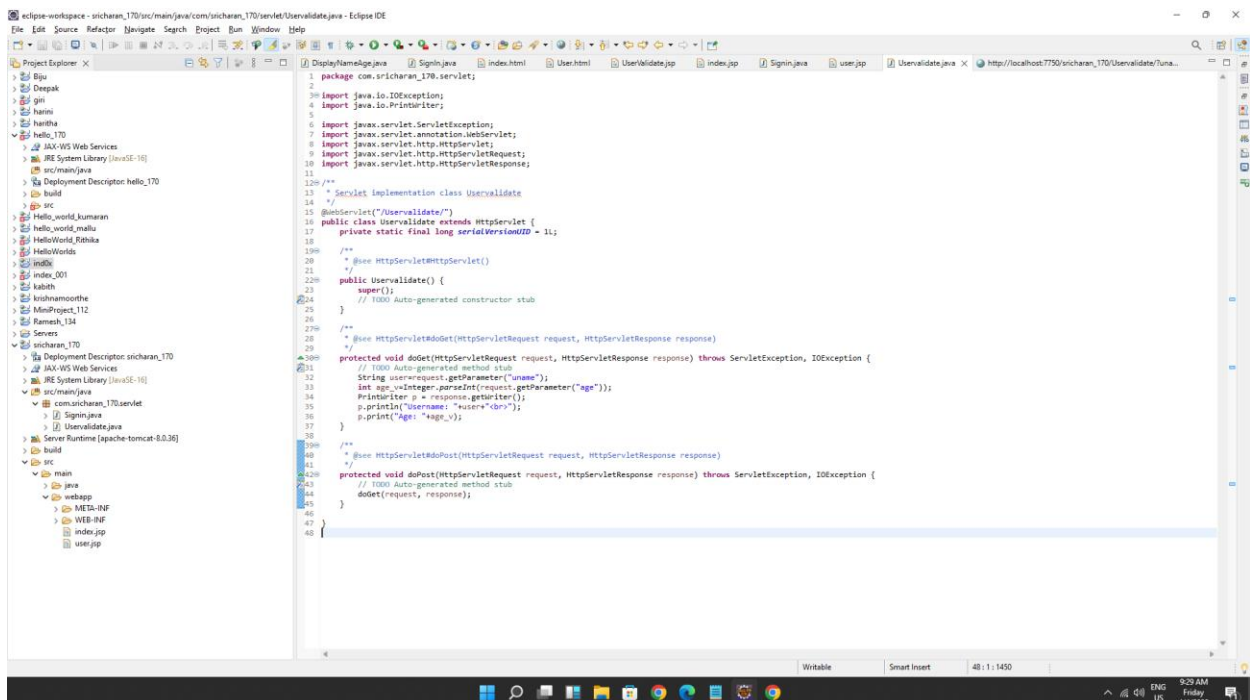
User_validate.jsp

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>DETAILS</title>
</head>
<body>
<%
String a = request.getParameter("name");
int b = Integer.parseInt(request.getParameter("age"));
```

```
%>
<h1>Find your details</h1>
<p>Username:<%=a%></p>
<p>Age:<%=b%><p>
</body>
</html>
```

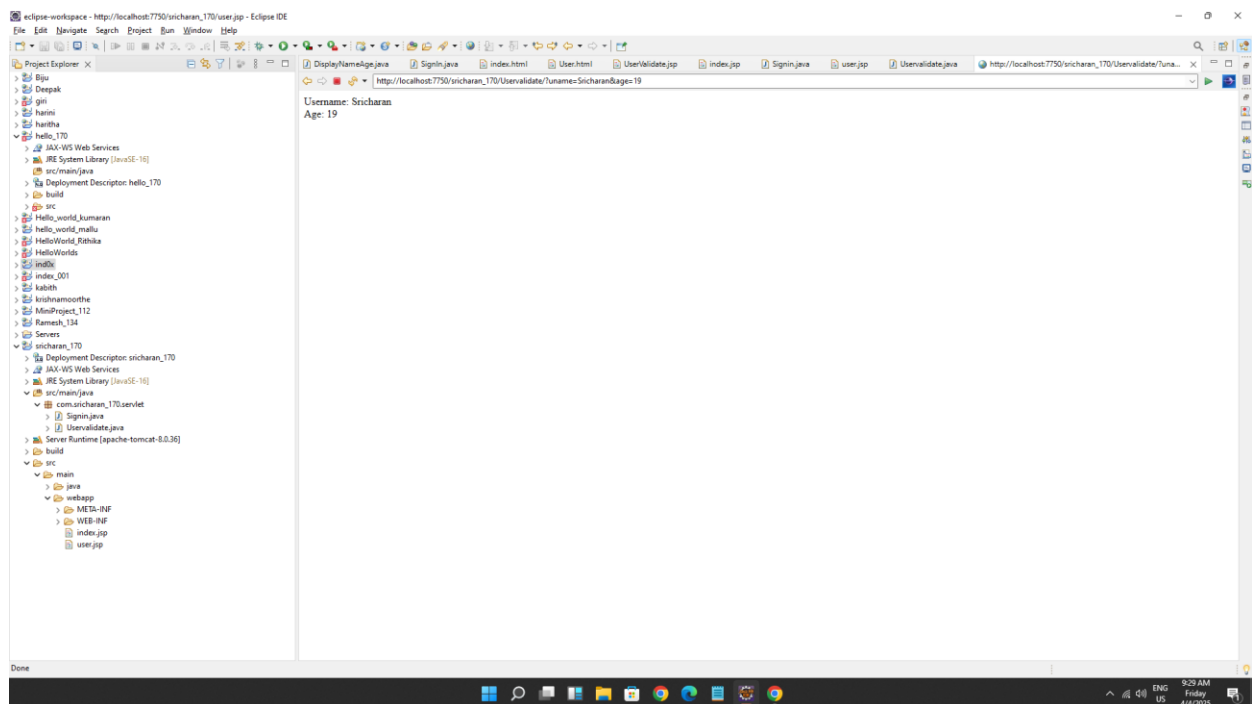
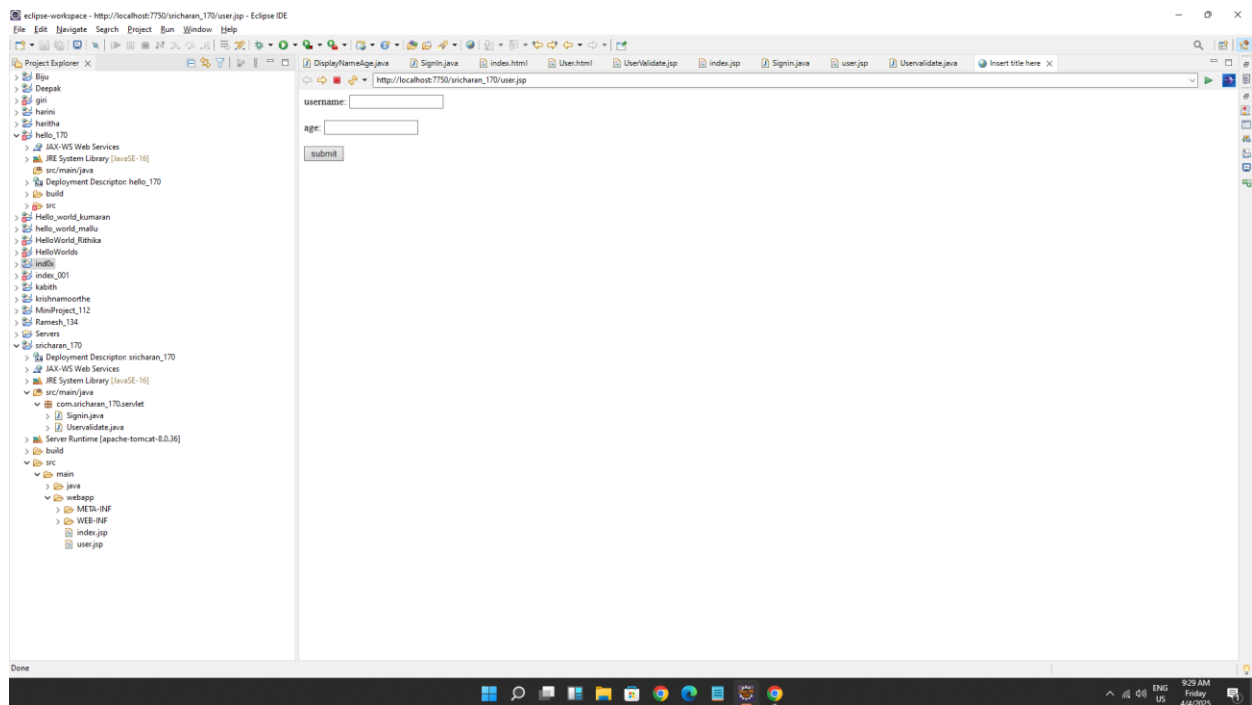


```
1 <% page language="java" contentType="text/html; charset="ISO-8859-1" %>
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <meta charset="ISO-8859-1" %>
6 <title>Insert title here</title>
7 </head>
8 <body>
9 <form action="UserValidate.do" %>
10 <input type="text" id="uname" name="uname" required</input>
11 <input type="text" id="age" name="age" required</input>
12 <input type="submit" value="Submit" %>
13 </form>
14 </body>
15 </html>
```



```
1 package com.sricharan_170.servlet;
2
3 import java.io.IOException;
4 import java.io.PrintWriter;
5 import javax.servlet.ServletException;
6 import javax.servlet.annotation.WebServlet;
7 import javax.servlet.http.HttpServlet;
8 import javax.servlet.http.HttpServletRequest;
9 import javax.servlet.http.HttpServletResponse;
10
11 /**
12  * Servlet implementation class UserValidate
13  */
14 @WebServlet("/UserValidate")
15 public class UserValidate extends HttpServlet {
16     private static final long serialVersionUID = 1L;
17
18     /**
19      * @see HttpServlet#HttpServlet()
20      */
21     public UserValidate() {
22         super();
23         // Auto-generated constructor stub
24     }
25
26     /**
27      * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
28      */
29     protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
30         // Auto-generated method stub
31         String username = request.getParameter("uname");
32         int age = Integer.parseInt(request.getParameter("age"));
33         PrintWriter p = response.getWriter();
34         p.println("Username: " + username + "<br>");
35         p.println("Age: " + age + "<br>");
36     }
37
38     /**
39      * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
40      */
41     protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
42         // Auto-generated method stub
43         doGet(request, response);
44     }
45 }
```

OUTPUT:



RESULT :

Thus the create a web form that accepts a user's name and age and to write a servlet to process the form data and display it back on the browser has been implemented and verified successfully.