

**Ex.no:4**

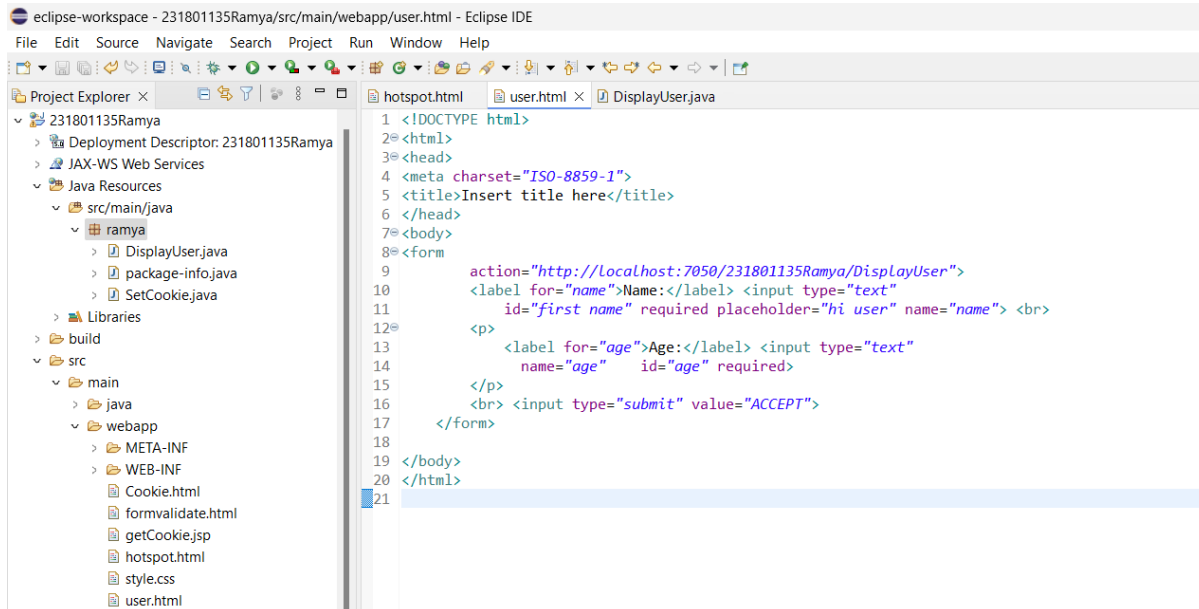
**Date:30/3/25**

**4. Create web form that accepts a user's name and age. Write a servlet to process the form data and display it back on the browser.**

**User.html**

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form
    action="http://localhost:7050/231801135Ramya/DisplayUser">
    <label for="name">Name:</label> <input type="text"
        id="first name" required placeholder="hi user" name="name"> <br>
    <p>
        <label for="age">Age:</label> <input type="text"
            name="age" id="age" required>
    </p>
    <br> <input type="submit" value="ACCEPT">
</form>

</body>
</html>
```



## DisplayUser.java

package ramya;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

/\*\*

\* Servlet implementation class DisplayUser

\*/

@WebServlet("/DisplayUser")

public class DisplayUser extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

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```

*/
public DisplayUser() {
    super();
    // TODO Auto-generated constructor stub
}

/**
 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
 */
protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
    String a=request.getParameter("name");
    int b = Integer.parseInt(request.getParameter("age"));
    PrintWriter p=response.getWriter();
    if (b > 0 && a!=null) {

        p.println(a);
        p.println(b);
    }
    else {
        p.println("Enter valid age");
    }

}

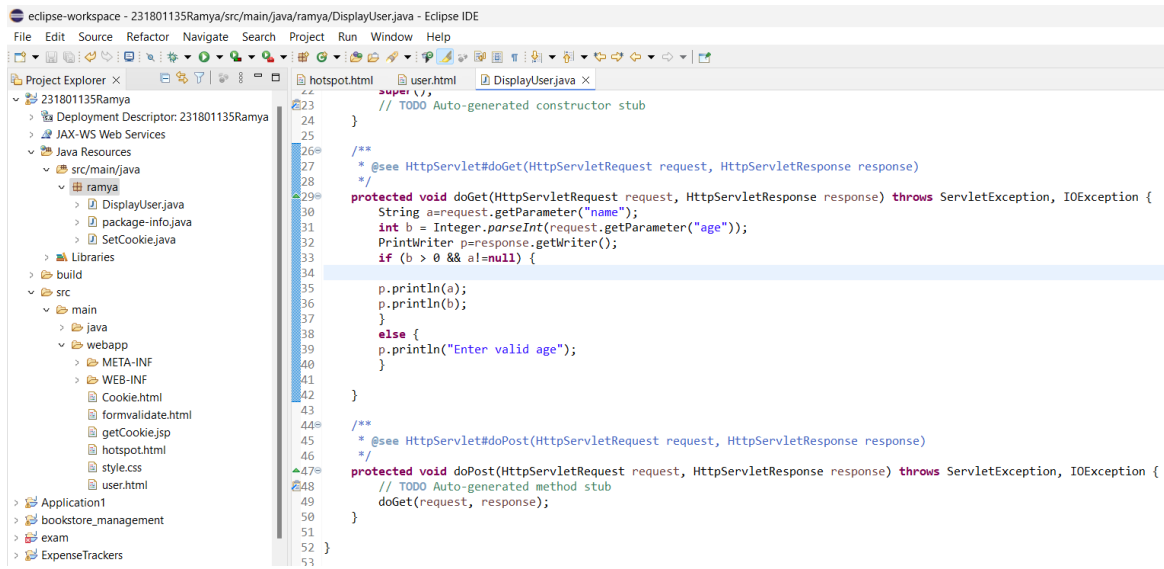
/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
    // TODO Auto-generated method stub

```

doGet(request, response);

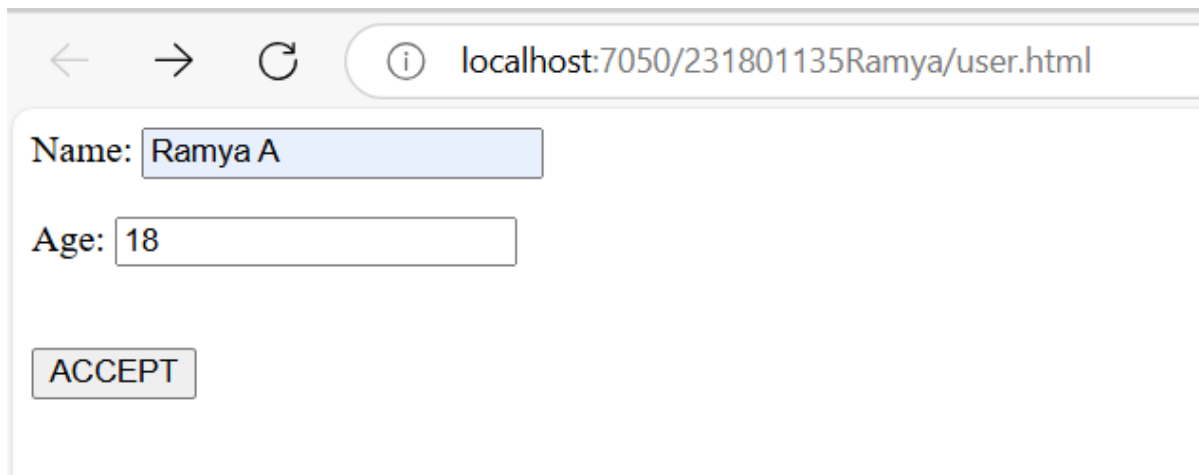
}

}



```
23 // TODO 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     String a=request.getParameter("name");
31     int b = Integer.parseInt(request.getParameter("age"));
32     PrintWriter p=response.getWriter();
33     if (b > 0 && a!=null) {
34
35         p.println(a);
36         p.println(b);
37     }
38     else {
39         p.println("Enter valid age");
40     }
41 }
42
43 /**
44  * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
45  */
46 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
47     // TODO Auto-generated method stub
48     doGet(request, response);
49 }
50
51 }
52
53 }
```

## OUTPUT:



A screenshot of a web browser window. The address bar shows the URL `localhost:7050/231801135Ramya/user.html`. The page content includes a form with two input fields: "Name:" with the value "Ramya A" and "Age:" with the value "18". Below the fields is a button labeled "ACCEPT".



A screenshot of a web browser window showing the result of the form submission. The address bar shows the URL `localhost:7050/231801135Ramya/DisplayUser?name=Ramya+A&age=18`. The page content displays the submitted values: "Ramya A" and "18".

## Result:

Thus the program was successfully executed.