

EXP NO: 4

Web Form with Servlet to Capture and Display User's Name and Age

AIM:

Create a 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.

CODE:

Userdetails.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="/UserValidate">
  <label for="name">User Name</label>
  <input type="text" id="name" name="name" placeholder="Enter Your Name" required><br><br>

  <label for="age">Age</label>
  <input type="number" id="age" name="age" placeholder="Enter Your Age"><br><br>

  <button type="submit">Submit</button>
</form>
</body>
</html>
```

UserValidate.Java

```
package com.karthick.servlet;
```

```
import java.io.IOException;
```

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```

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 UserValidate
 */
@WebServlet("/UserValidate")
public class UserValidate extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public UserValidate() {
        super();
        // TODO Auto-generated constructor stub
    }

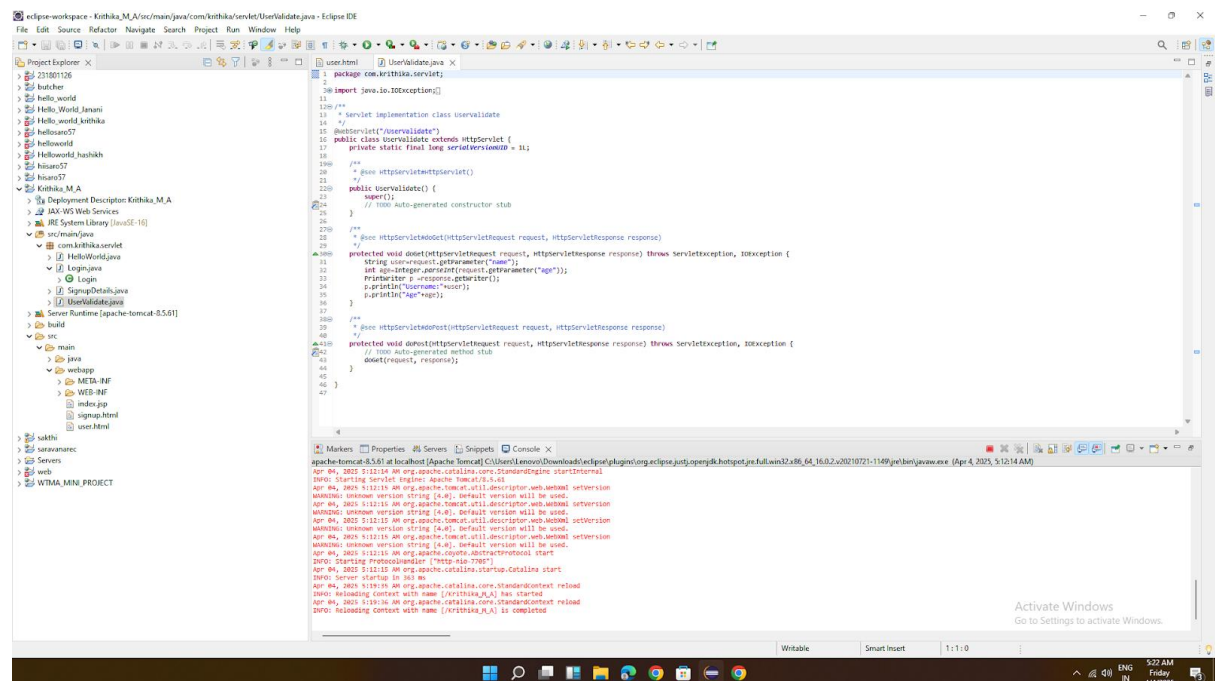
    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
        String user=request.getParameter("name");
        int age=Integer.parseInt(request.getParameter("age"));

        PrintWriter pw=response.getWriter();
        pw.println("User Name: "+ user);
        pw.println("Age: "+ age);
    }

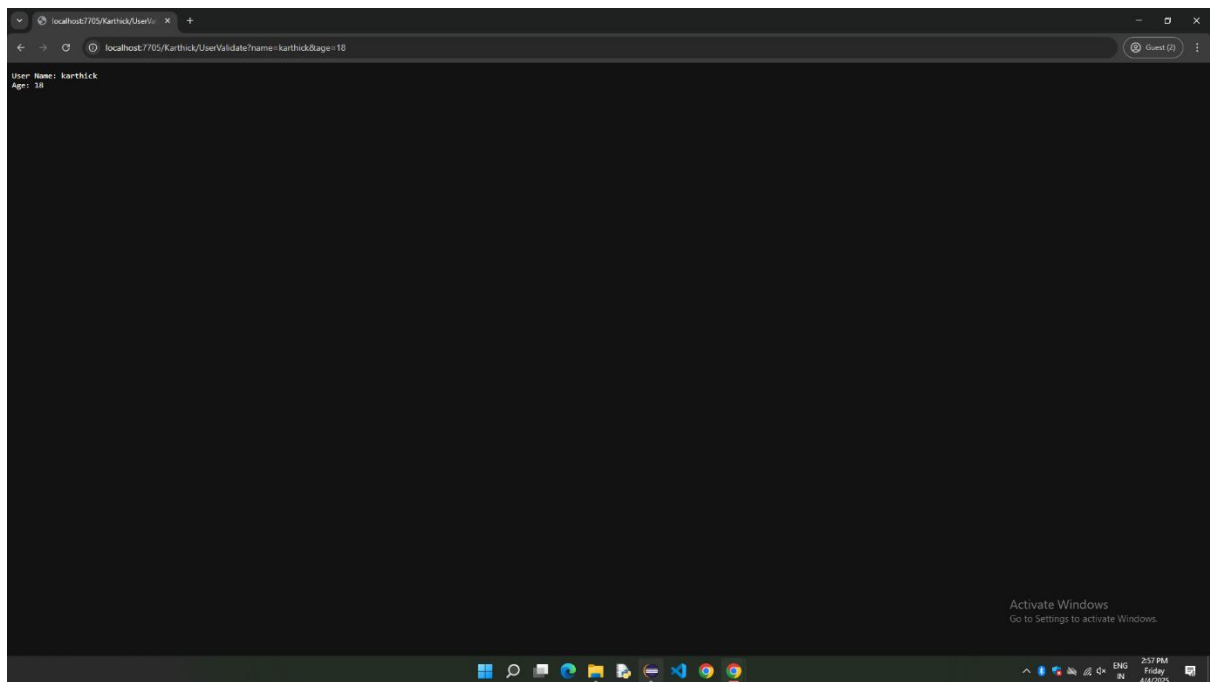
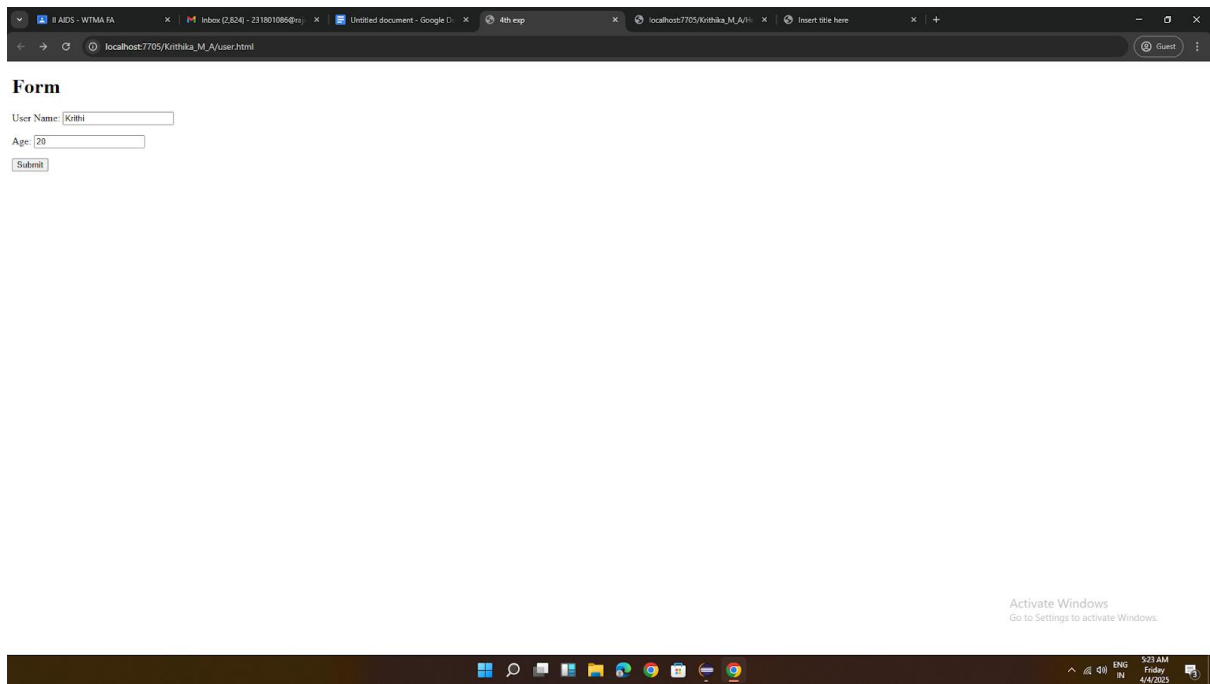
}

```

The screenshot displays the Eclipse IDE interface. On the left, the 'Project Explorer' shows a project named 'Kithika_M_A' with a 'src/main/java' directory containing 'com.kithika.m.a' and 'UserValidate.java'. The 'UserValidate.java' file is open in the editor, showing a Java servlet that checks if a user exists in a database. The console at the bottom shows the server starting successfully, with messages indicating that the server is running on port 8080 and that the 'UserValidate' servlet is loaded.



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RESULT:

Thus, the web form is Implemented Successfully using html and Servlet.