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;
```

```java
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);
    }

}
```
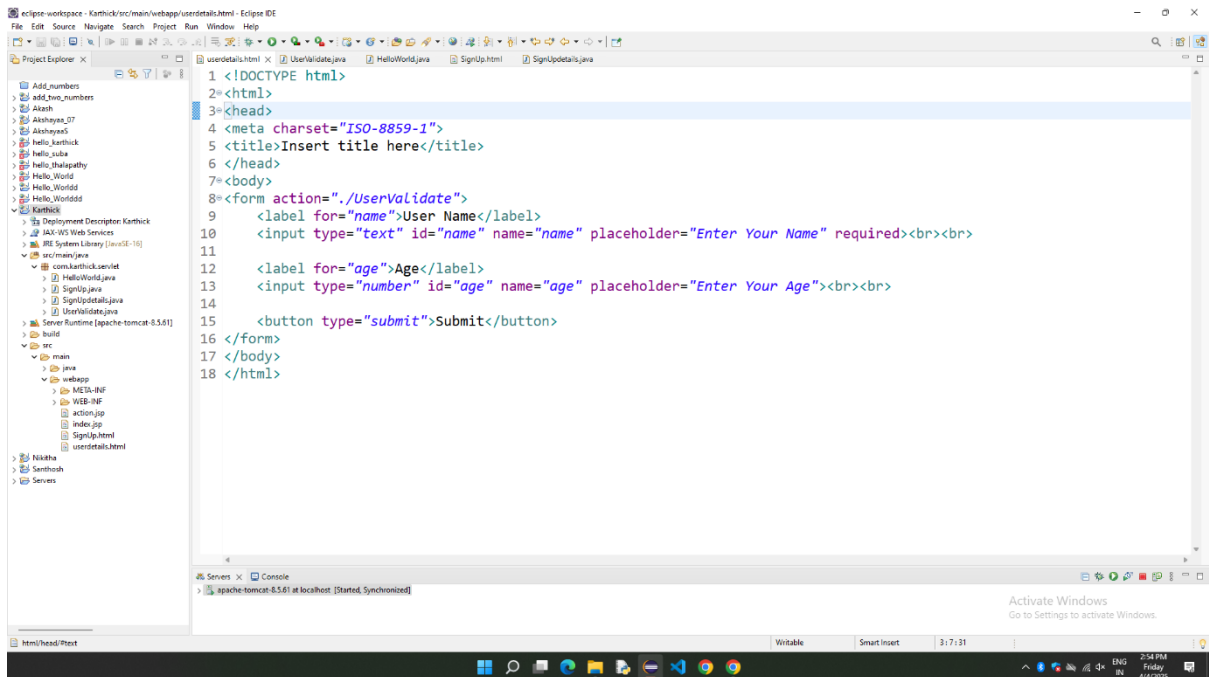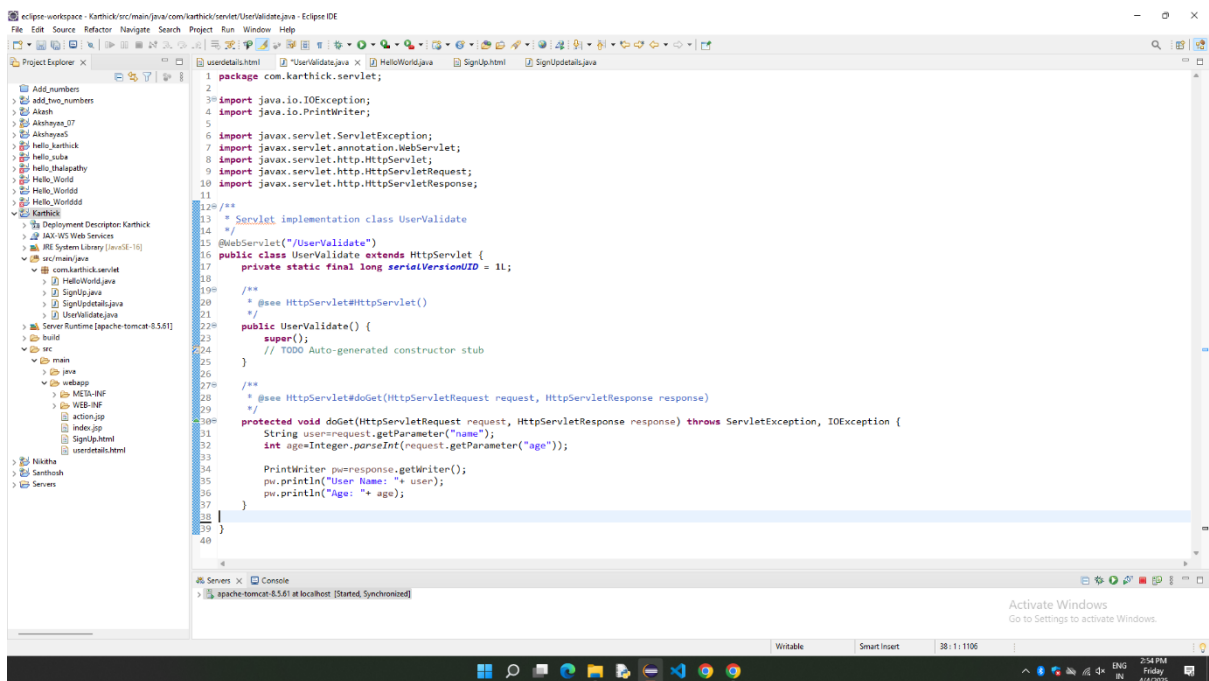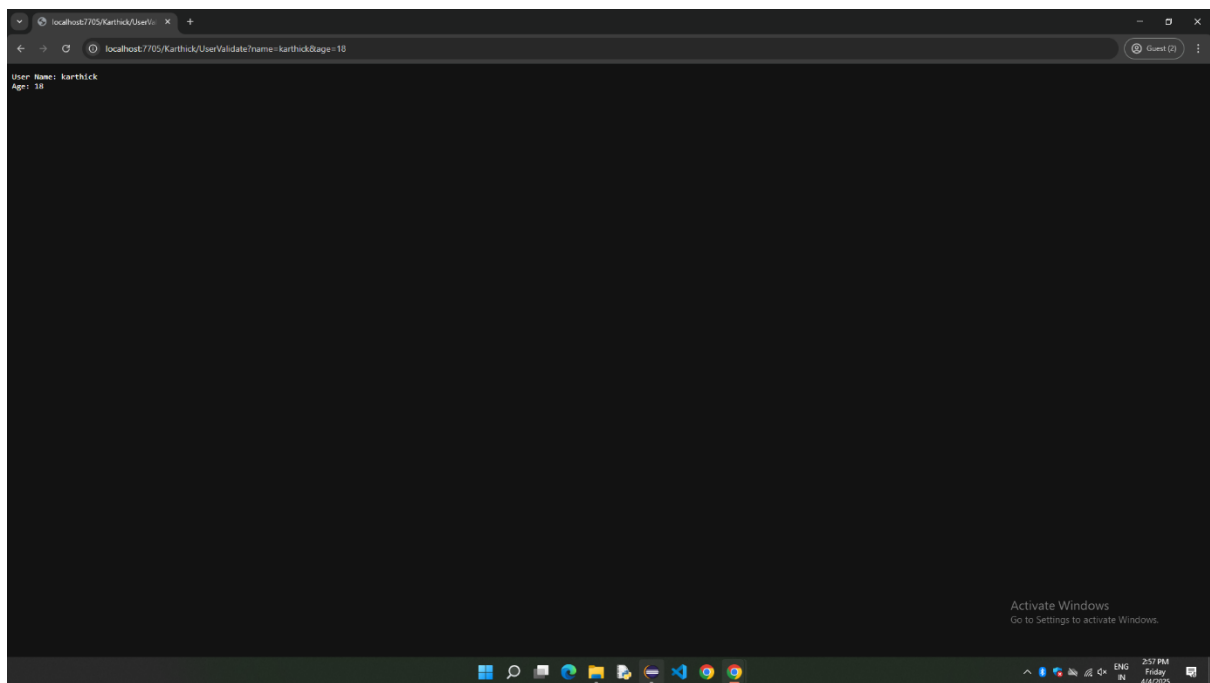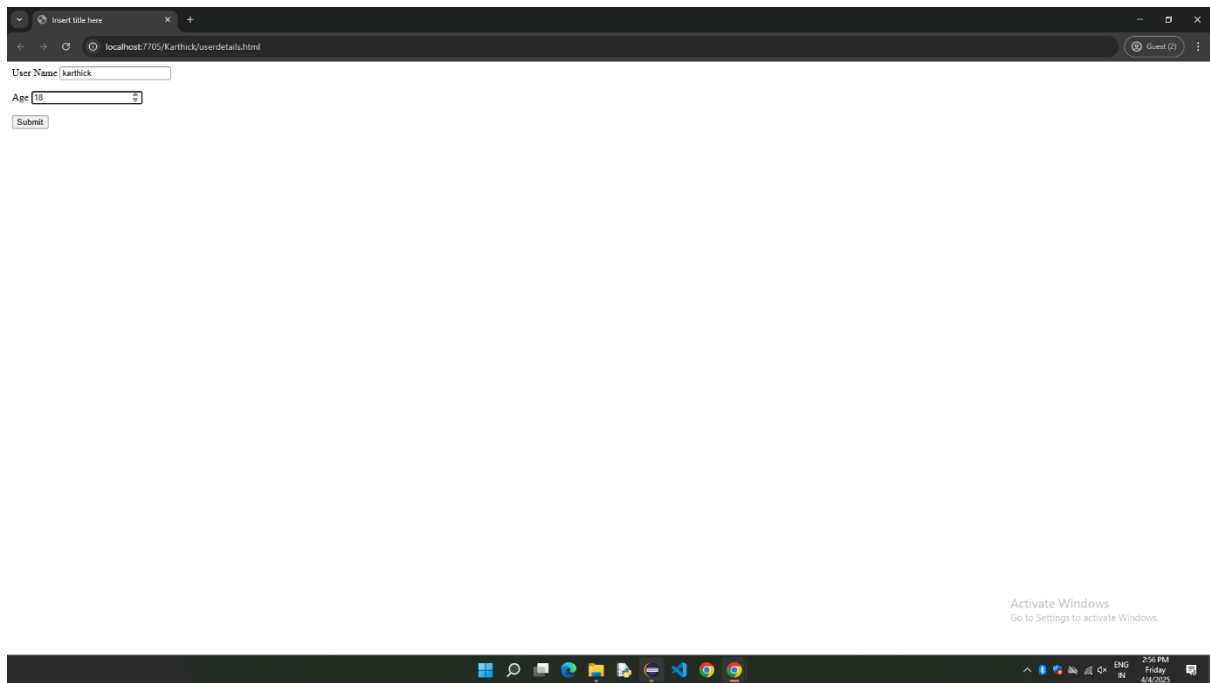
OUTPUT:


```html
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <meta charset="ISO-8859-1">
5  <title>Insert title here</title>
6  </head>
7  <body>
8  <form action="./UserValidate">
9      <label for="name">User Name</label>
10     <input type="text" id="name" name="name" placeholder="Enter Your Name" required><br><br>
11
12     <label for="age">Age</label>
13     <input type="number" id="age" name="age" placeholder="Enter Your Age"><br><br>
14
15     <button type="submit">Submit</button>
16 </form>
17 </body>
18 </html>
```



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

RESULT:

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