

AIM:

To develop a Java Servlet program that handles user input from a **sign-up form** using the **POST method**, retrieves the submitted data (such as first name, last name, date of birth, address, and gender), and displays the details back to the user in a structured HTML format.

CODE:**SignUp.html:**

```
<!DOCTYPE html>

<html lang="en">

<head>

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

<title>Sign Up Form</title>

</head>

<body>

    <form action="/faisal_105/SignupDetails" method="post">

        <label for="fname">First Name:</label>

        <input type="text" id="fname" name="fname">

        <br>

        <br>

        <label for="lname">Last Name:</label>

        <input type="text" id="lname" name="lname">

        <br>

        <br>

        <label for="dob">Date of Birth:</label>

        <input type="date" id="dob" name="dob">

        <br>

        <br>
```

```
<label>Gender:</label>
<input type="radio" id="male" name="gender" value="male">
<label for="male">Male</label>
<input type="radio" id="female" name="gender" value="female">
<label for="female">Female</label>
<br>
<br>
<label for="address">Address:</label>
<textarea id="address" name="address"></textarea>
<br>
<br>
<br>
<br>
<input type="submit" value="Sign Up">
</form>
</body>
</html>
```

SignupDetails.java:

```
package com.faisal.servlet;

import java.io.IOException;
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 SignupDetails
 */
@WebServlet("/SignupDetails")
public class SignupDetails extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public SignupDetails() {
        super();
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {

    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {

        String fname = request.getParameter("fname");
        String lname = request.getParameter("lname");
    }
}

```

```
String dob = request.getParameter("dob");

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

String add = request.getParameter("address");
```

```
PrintWriter p = response.getWriter();

p.println("First Name: " + fname );

p.println("Last Name: " + lname );

p.println("DOB: " + dob );

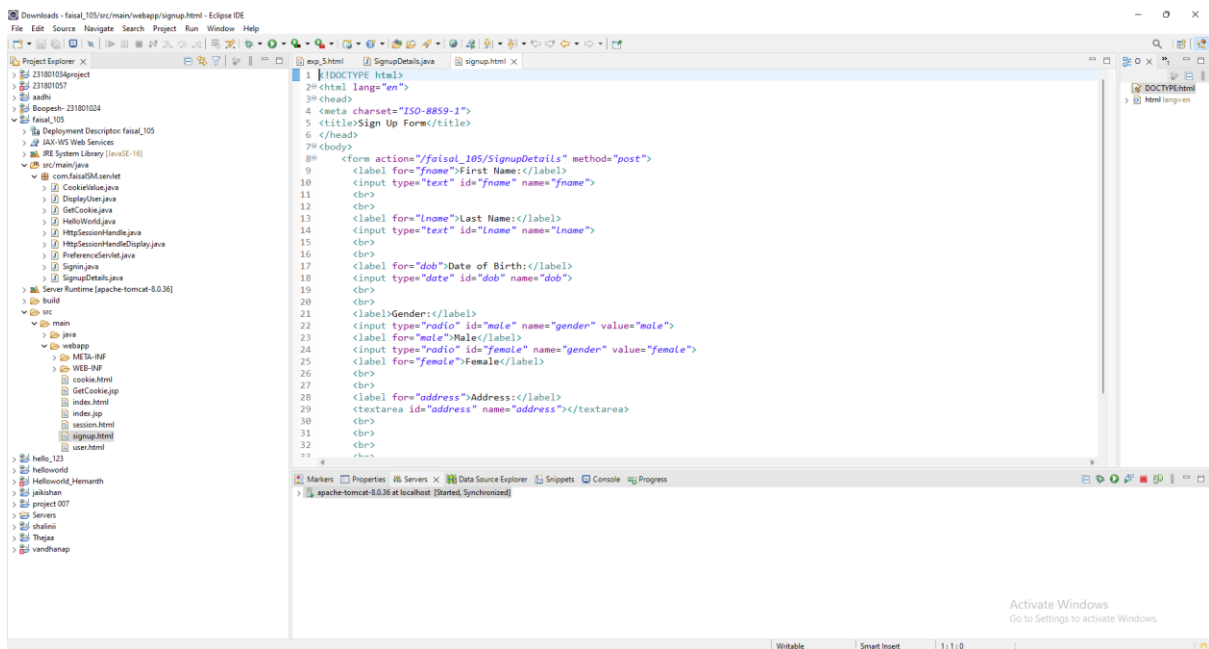
p.println("Gender: " + gender );

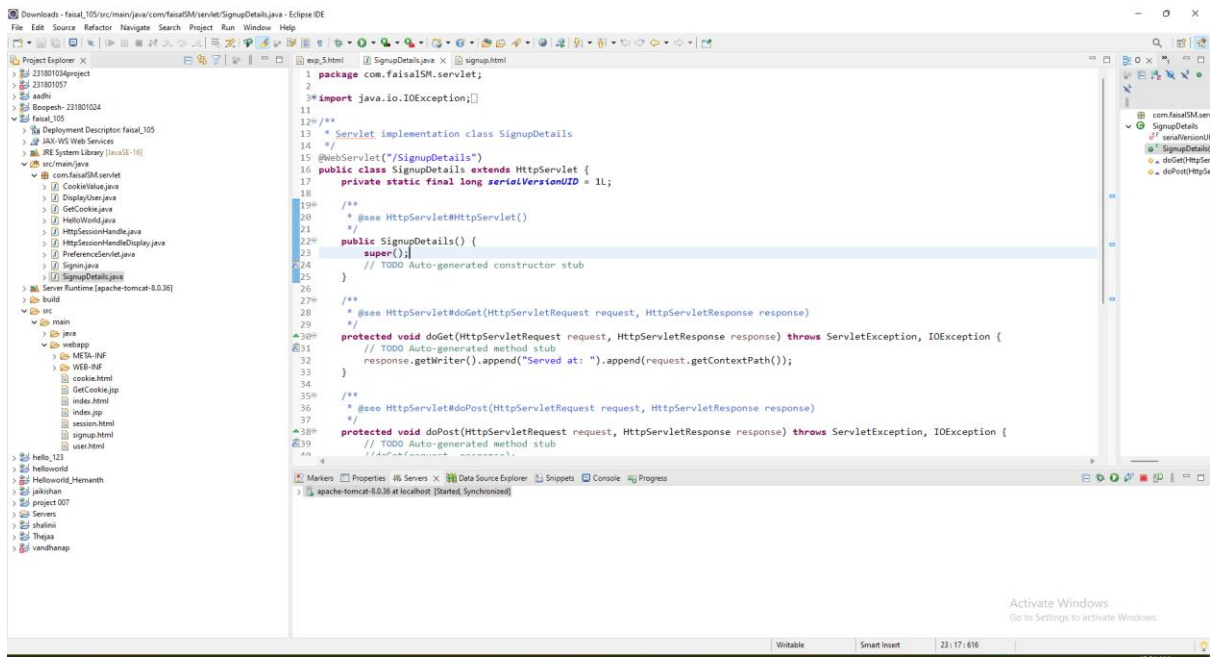
p.println("Address: " + add);

}

}
```

OUTPUT:





localhost:7750/faisal_105/signup.html

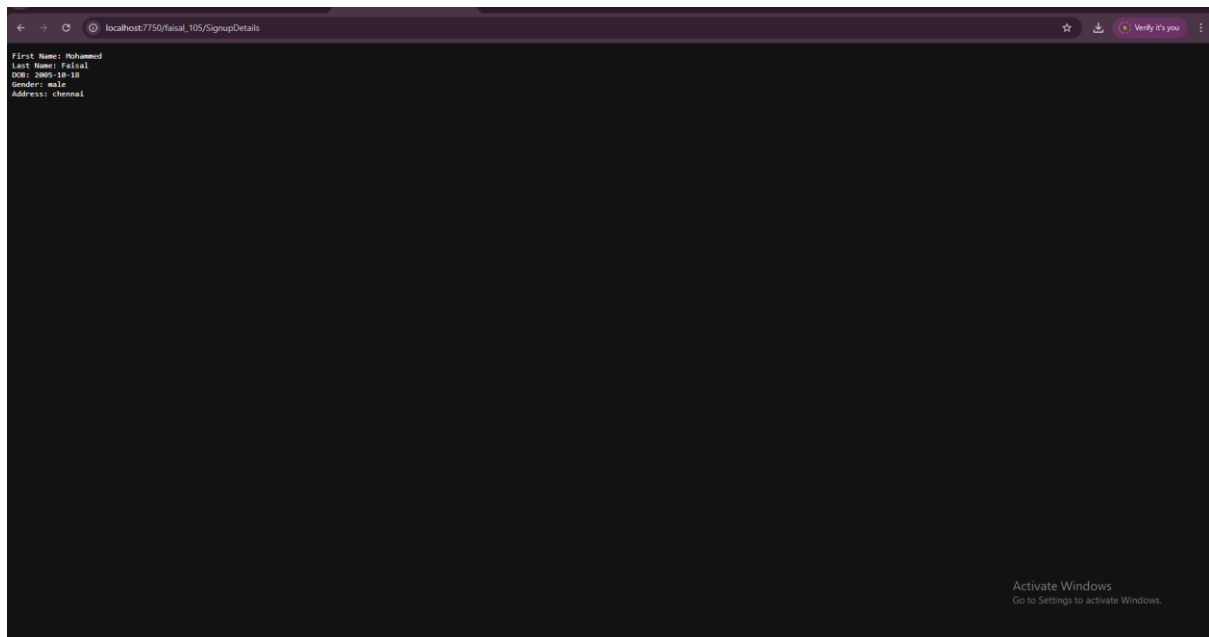
First Name:

Last Name:

Date of Birth:

Gender: ☒ Male ☐ Female

Address:



RESULT:

Handling signup form using the post method has been Executed Successfully.