Exp No: 5 Date: 5.4.25	HTTP POST AND GET

AIM:

To write a servlet to demonstrate the difference between HTTP GET and POST methods by creating a form and hadling requests accordingly

PROGRAM:

Login.java :

```java
package com.sabharishraja.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;

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

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Login() {
        super();
        // TODO Auto-generated constructor stub
    }
    protected void doGet(HttpServletRequest request,
HttpServletResponse response) throws ServletException, IOException {
            String user="admin";
            String password="admin123";
            String a= request.getParameter("username");
            String b= request.getParameter("password");
            PrintWriter p = response.getWriter();
            if(a.equals(user)&&b.equals(password)){
                p.println("Successfully");
            }
            else {
                p.println("Try again");
            }
    }
    protected void doPost(HttpServletRequest request,
```

```
        HttpServletResponse response) throws ServletException, IOException {
                // TODO Auto-generated method stub
                doGet(request, response);
        }

}
```

SignupDetails.jsp :

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Details</title>
</head>
<body>
<%
String firstname = request.getParameter("First Name");
String lastname = request.getParameter("Last Name");
String dob =request.getParameter("Date of Birth");
String gender = request.getParameter("Gender");
String Address = request.getParameter("Address");
%>
<h1>Find your details</h1>
<p>First Name:<%=firstname%></p>
<p>Last Name:<%=lastname%><p>
<p>date of birth:<%=dob%></p>
<p>Gender:<%=gender%><p>
<p>Address:<%=Address%><p>
</body>
</html>
```

Signup.html :

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>LOGIN</title>
</head>
<body>
<h1>Hello User!!</h1>
<form method="POST" action="/SignupDetails.jsp">
<p>
<label>First Name:</label>
<input type="text" name = "First Name"/>
</p>
<p>
<label>Last Name:</label>
```
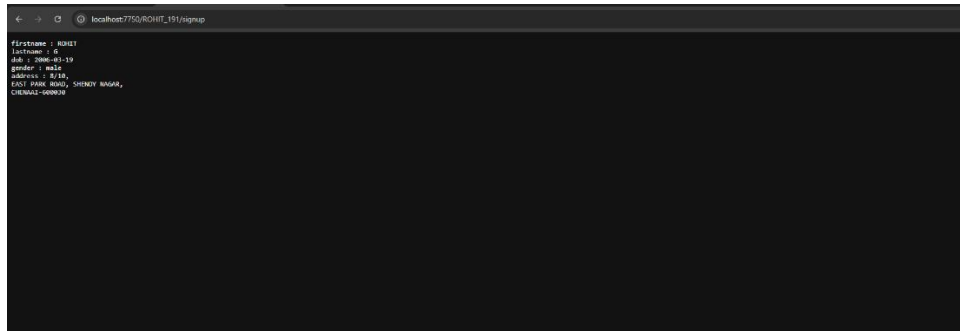
```html
<input type="text" name = "Last Name"/>
</p>
<p>
<label>Date of birth:</label>
<input type="date" name = "Date of Birth"/>
</p>
<p>
<label>Gender:</label>
<input type="radio" name = "Gender" value="Male">Male
<input type="radio" name = "Gender" value="Female">Female
</p>
<p>
<label for="Address">Address:</label>
<textarea id="Address" name = "Address"></textarea>
</p>
<input type="Submit" value="Sign in"/>
</body>
</html>
```

OUTPUT:

Sign Up Form

First Name:

Last Name:

Date of Birth:
dd - mm - yyyy

Gender:
○ Male
○ Female

Address:

signup

```
←  →  C   ⊙ localhost:7750/ROHIT_191/signup

firstname : ROHIT
lastname : 6
dob : 2006-03-19
gender : male
address : 8/10,
EAST PARK ROAD, SHENOY NAGAR,
CHENNAI-600030
```

RESULT :
Thus the experiment to write a servlet to demonstrate the difference between HTTP GET and POST methods by creating a form and hadling requests accordingly has been implemented and verified successfully