|  |  |
| --- | --- |
| **Exp No: 5**  **Date: 5.4.25** | **HTTP PST 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:**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"/Sree/Signup"* method=*"get"*>

<label for=*"firstName"*>First Name:</label>

<input type=*"text"* id=*"firstName"* name=*"firstName"* required><br><br>

<label for=*"lastName"*>Last Name:</label>

<input type=*"text"* id=*"lastName"* name=*"lastName"* required><br><br>

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

<input type=*"date"* id=*"dob"* name=*"dob"* required><br><br>

<label>Gender:</label>

<input type=*"radio"* id=*"male"* name=*"gender"* value=*"Male"* required>

<label for=*"male"*>Male</label>

<input type=*"radio"* id=*"female"* name=*"gender"* value=*"Female"* required>

<label for=*"female"*>Female</label><br><br>

<label for=*"address"*>Address:</label><br>

<textarea id=*"address"* name=*"address"* rows=*"4"* cols=*"50"* required></textarea><br><br>

<input type=*"submit"* value=*"Submit"*>

</form>

</body>

</html>

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SERVLET

package com.sandhya.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 Signup

\*/

@WebServlet("/Signup")

public class Signup extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Signup() {

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("firstName");

String b=request.getParameter("lastName");

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

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

String e=request.getParameter("address");

PrintWriter p=response.getWriter();

p.println(a);

p.println(b);

p.println(c);

p.println(d);

p.println(e);

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

String a=request.getParameter("firstName");

String b=request.getParameter("lastName");

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

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

String e=request.getParameter("address");

PrintWriter p=response.getWriter();

p.println(a);

p.println(b);

p.println(c);

p.println(d);

p.println(e); }

}

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**OUTPUT:**

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**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