

1. Write a program to demonstrate the differences between GET and POST using Servlet

HTML

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1>GET POST DIFF DEMO</h1>
submit the data using METHOD=GET
<br><br>
<form name=frm method=GET action="demo-get-post-diff">
Name <input name="name" id="name" maxlength=50><br><br>
Address <input name="address" id="address" maxlength=100><br><br>
<button>Submit</button>
</form>
<br><br>
submit the data using METHOD=POST
<br><br>
<form name=frm method=GET action="demo-get-post-diff">
Name <input name="name" id="name" maxlength=50><br><br>
Address <input name="address" id="address" maxlength=100><br><br>
<button>Submit</button>
</form>
<br><br>

</body>
</html>
```

servlet program

```
package AssistedPractice;

import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import java.io.IOException;

public class GetPost extends HttpServlet {
    @Override
    protected void doGet(HttpServletRequest request,
        HttpServletResponse response) throws ServletException,
        IOException {
        // Handling GET requests
        response.setContentType("text/html");
        response.getWriter().println("<h1>GET Method</h1>");
        response.getWriter().println("<p>This is a GET
request.</p>");
        String paramValue = request.getParameter("name");
        response.getWriter().println("<p>Parameter value: " +
            paramValue + "</p>");
    }
    @Override
    protected void doPost(HttpServletRequest request,
        HttpServletResponse response) throws ServletException,
        IOException {
        // Handling POST requests
        response.setContentType("text/html");
        response.getWriter().println("<h1>POST Method</h1>");
        response.getWriter().println("<p>This is a
POSTrequest.</p>");
        String paramValue = request.getParameter("name");
        response.getWriter().println("<p>Parameter value: " +
            paramValue + "</p>");
    }
}
```

Output :-

GET POST DIFF DEMO

submit the data using METHOD=GET

Name

Address

submit the data using METHOD=POST

Name

Address