

2 APPLICATIONS - get post/src/main/webapp/index.html - Eclipse IDE

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Project Explorer X indexhtml MethodServlet.java

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html>
<html>
<head>
<title>GET vs POST Demo</title>
</head>
<body>
<h2>GET vs POST Method Demonstration</h2>
<hr>
<!-- GET METHOD FORM -->
<form action="MethodServlet" method="get">
    Name: <input type="text" name="name"><br><br>
    Age: <input type="number" name="age"><br><br>
    <input type="submit" value="Submit using GET">
</form>
<hr>
<!-- POST METHOD FORM -->
<form action="MethodServlet" method="post">
    Name: <input type="text" name="name"><br><br>
    Age: <input type="number" name="age"><br><br>
    <input type="submit" value="Submit using POST">
</form>
</body>
</html>
```

Outline X DOCTYPE.html

Problems Servers X Terminal Data Source Explorer Properties Console Eclipse IDE for Enterprise Java and Web Developers 2020-03 M3 apache-tomcat-10.1.36 at localhost [Started, Synchronized]

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2 APPLICATIONS - get post/src/main/java/com/demo/MethodServlet.java - Eclipse IDE

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Project Explorer X index.html MethodServlet.java X Outline X

```
1 package com.demo;
2
3 import java.io.IOException;
4 import java.io.PrintWriter;
5 import javax.servlet.ServletException;
6 import javax.servlet.http.HttpServlet;
7 import javax.servlet.http.HttpServletRequest;
8 import javax.servlet.http.HttpServletResponse;
9 import javax.servlet.http.HttpServletResponse;
10
11 @WebServlet("/MethodServlet")
12 public class MethodServlet extends HttpServlet {
13
14     protected void doGet(HttpServletRequest request, HttpServletResponse response)
15         throws ServletException, IOException {
16
17         String name = request.getParameter("name");
18         String age = request.getParameter("age");
19
20         response.setContentType("text/html");
21         PrintWriter out = response.getWriter();
22
23         out.println("<h2>GET Method Response</h2>");
24         out.println("Name: " + name + "<br>");
25         out.println("Age: " + age + "<br>");
26         out.println("Data visible in URL ");
27     }
28
29     protected void doPost(HttpServletRequest request, HttpServletResponse response)
30         throws ServletException, IOException {
31
32         String name = request.getParameter("name");
33         String age = request.getParameter("age");
34
35         response.setContentType("text/html");
36         PrintWriter out = response.getWriter();
37
38         out.println("<h2>POST Method Response</h2>");
39         out.println("Name: " + name + "<br>");
40         out.println("Age: " + age + "<br>");
41         out.println("Data NOT visible in URL ");
42     }
43 }
```

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apache-tomcat-10.1.36 at localhost [Started, Synchronized]

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Get method

The screenshot shows a web browser window with the following details:

- Title Bar:** GET vs POST Demo
- Address Bar:** localhost:8082/get_post/
- Content Area:**
 - Section Header:** **GET vs POST Method Demonstration**
 - Form Fields:** Name: VINAYAK K, Age: 19
 - Button:** Submit using GET
- Second Browser Window:** HTTP Status 404 – Not Found
- Address Bar of Second Window:** localhost:8082/get_post/MethodServlet?name=VINAYAK+K&age=19

Post method

Name:

Age:



