**1 Write a program to demonstrate the differences between GET and POST**

**using**

**Servlet.**

GetHandler

**package** getpost;

**import** java.io.IOException;

**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 Gethandler

\*/

@WebServlet("/Gethandler")

**public class** Gethandler **extends** HttpServlet {

**private static final long *serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** Gethandler() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request,

HttpServletResponse response)

\*/

**protected void** doGet(HttpServletRequest request, HttpServletResponse

response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub

response.getWriter().append("Served at:

").append(request.getContextPath());

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request,

HttpServletResponse response)

\*/

**protected void** doPost(HttpServletRequest request, HttpServletResponse

response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub

doGet(request, response);

}

}**Posthandler:**

**package** getpost;

**import** java.io.IOException;

**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 PostHandler

\*/

@WebServlet("/PostHandler")

**public class** PostHandler **extends** HttpServlet {

**private static final long *serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** PostHandler() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request,

HttpServletResponse response)

\*/

**protected void** doGet(HttpServletRequest request, HttpServletResponse

response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub

response.getWriter().append("Served at:

").append(request.getContextPath());

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request,

HttpServletResponse response)

\*/

**protected void** doPost(HttpServletRequest request, HttpServletResponse

response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub

doGet(request, response);

}

}**Index:**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>GET vs POST Demo</title>

</head>

<body>

<a href="gethandler?name=John+Doe&address=145+Lake+Avenue">Do a Servlet

GET</a><br><br>

<form name=frm method=post action="posthandler">

Name <input name="name" id="name" maxlenght=50><br>

Address <input name="address" id="address" maxlength=100><br>

<button>Submit</button>

</form>

</body>

</html>

**Web.xml :**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*

xmlns=*"http://java.sun.com/xml/ns/javaee"*

xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee*

*http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"* id=*"WebApp\_ID"*

version=*"3.0"*>

<display-name>LoginLogout</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<servlet>

<servlet-name>GetHandler</servlet-name>

<servlet-class>GetHandler</servlet-class>

</servlet>

<servlet>

<servlet-name>PostHandler</servlet-name>

<servlet-class>PostHandler</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>GetHandler</servlet-name>

<url-pattern>/gethandler</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>PostHandler</servlet-name>

<url-pattern>/posthandler</url-pattern>

</servlet-mapping>

</web-app>