**Practice project assisted**

1.Create an HTML page to send a GET request and POST request

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</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"* maxlenghth=*50*><br>

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

<button>Submit</button>

</form>

</body>

</html>

-----------------------------------------------------

Create a servlet to handle the GET request:

**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 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 {

PrintWriter out = response.getWriter();

out.println("<html><body>");

String name = request.getParameter("name");

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

out.println("Name=" + name + "<br>Address=" + address);

out.println("</body></html>");

}

}

Create an HTML page to send a POST request

**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 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#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

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

PrintWriter out = response.getWriter();

out.println("<html><body>");

String name = request.getParameter("name");

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

out.println("Name=" + name + "<br>Address=" + address);

out.println("</body></html>");

}

}

Configuring 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>GetvsPost</display-name>

<welcome-file-list>

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

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

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

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

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

<welcome-file>default.htm</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>/GetHanler</url-pattern>

</servlet-mapping>

<servlet-mapping>

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

<url-pattern>/PostHandler</url-pattern>

</servlet-mapping>

</web-app>