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

Servlet.

GetHandler

```java
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:

```java
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:

```html
<!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
<?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>
```