

SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Internet Programming Lab – CS8661
Programming Assignment 4 – Hello Servlet using Apache Tomcat Server

Write index.html to display form with a submit button. Set the method attribute of the form to “get” to generate GET request to the server. Write a java servlet to display welcome message when the button is clicked. Write also the configuration file, namely, web.xml which maps the url mapped to the servlet class file.

Follow the directory structure for creating HelloServlet Web application and follow the guidelines below to configure and deploy web application.

CODE

first.html

```
<html>
<body>
<form action="Welcome" method="get">
<label>Click this <input type="submit" value="submit">
</input>
<label>
</form>
</body>
</html>
```

hello.java

```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

public class hello extends HttpServlet {

    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws IOException, ServletException {

        response.setContentType("text/html");

        PrintWriter out = response.getWriter();

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

```
        out.println("<head><title>Hello World</title></head>");
        out.println("<body>");
        out.println("<h1>Welcome</h1>");
        out.println("</body></html>");
        out.close();
    }
}
```

web.xml

```
<web-app>
    <servlet>
        <servlet-name>HelloServlet</servlet-name>
        <servlet-class>hello</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>HelloServlet</servlet-name>
        <url-pattern>/Welcome</url-pattern>
    </servlet-mapping>
    <welcome-file-list>
        <welcome-file>first.html</welcome-file>
    </welcome-file-list>
</web-app>
```

OUTPUT



← → ↻ ⓘ localhost/HelloServlet/Welcome?

Hello, world!