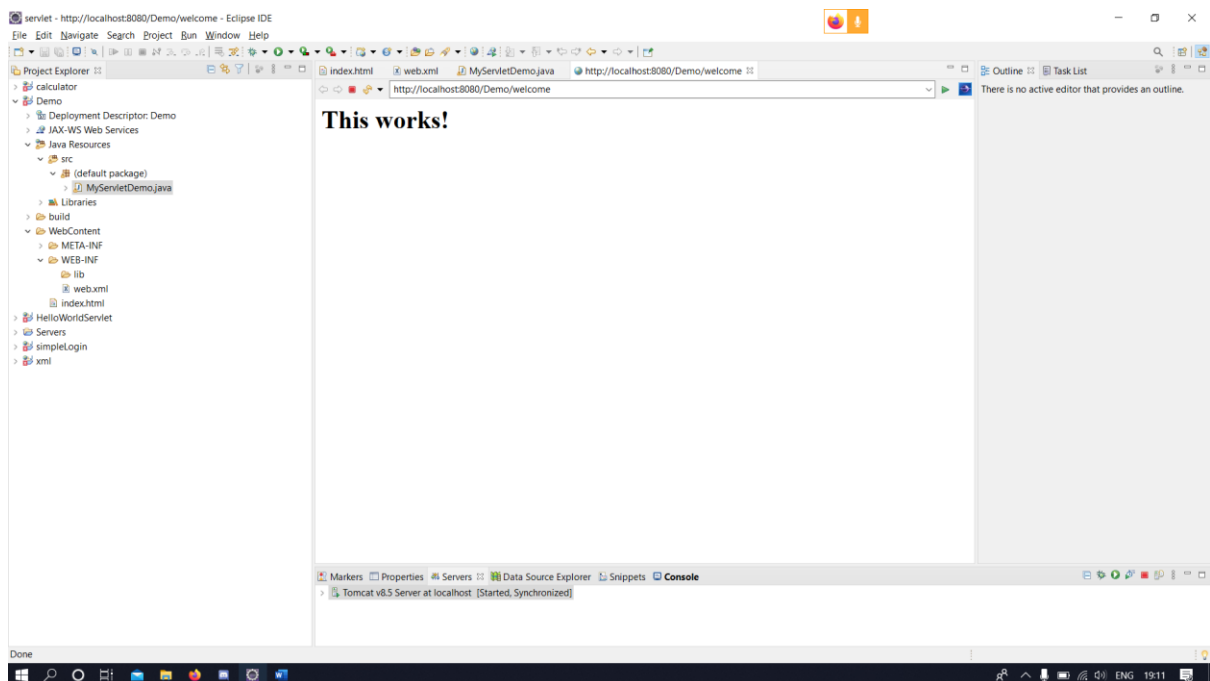


Week 7 – Servlet implementation



Source Code : MyServletDemo.java

```
import java.io.*;

import javax.servlet.*;

import javax.servlet.http.*;

// Extend HttpServlet class to create Http Servlet

public class MyServletDemo extends HttpServlet {

    private String mymsg;

    public void init() throws ServletException {

        mymsg = "This works!";

    }

    public void doGet(HttpServletRequest request,

        HttpServletResponse response)

        throws ServletException, IOException

    {

        // Setting up the content type of webpage

        response.setContentType("text/html");
```

```

        // Writing message to the web page

        PrintWriter out = response.getWriter();

        out.println("<h1>" + mymsg + "</h1>");

    }

    public void destroy() {

        /* leaving empty for now this can be

        * used when we want to do something at the end

        * of Servlet life cycle

        */

    }

}

```

Source Code : web.xml

```

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

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://xmlns.jcp.org/xml/ns/javaee"
xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-
app_3_1.xsd" id="WebApp_ID" version="3.1">

    <display-name>Demo</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>MyHttpServletDemo</servlet-name>

<servlet-class>MyServletDemo</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>MyHttpServletDemo</servlet-name>

```

```
<url-pattern>/welcome</url-pattern>
```

```
</servlet-mapping>
```

```
</web-app>
```

Source Code : index.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Servlet Demo</title>
```

```
</head>
```

```
<body>
```

```
<a href="/welcome">Check if this works</a>
```

```
</body>
```

```
</html>
```