

Index.html

We are creating an html file that would call the servlet once we click on the link on web page. Create this file in WebContent folder. This path of the file should look like this: WebContent/index.html

```
<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Generic Servlet Demo</title>

</head>

<body>

<a href="welcome">Click to call Servlet</a>

</body>

</html>
```

Generic.java

Now, we are creating a Generic Servlet by extending Generic Servlet class. When creating a Generic Servlet you should always override service() method. Right click on the src folder and create a new class file, name the file as Example Generic. The file path should look like this: Java Resouces/src/default package/ExampleGeneric.java

```
import java.io.*;

import javax.servlet.*;

public class ExampleGeneric extends GenericServlet{

    public void service(ServletRequest req,ServletResponse res)

throws IOException,ServletException{

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

```
PrintWriter pwriter=res.getWriter();

pwriter.print("<html>");

pwriter.print("<body>");

pwriter.print("<h2>Generic Servlet Example</h2>");

pwriter.print("<p>Hello BeginnersBook Readers!</p>");

pwriter.print("</body>");

pwriter.print("</html>");

}

}
```

web.xml

This file can be found at this path WebContent/WEB-INF/web.xml. In this file we will map the Servlet with the specific URL. Since we are calling welcome page upon clicking the link on index.html page so we are mapping the welcome page to the Servlet class we created above.

```
<web-app>

<display-name>BeginnersBookServlet</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>

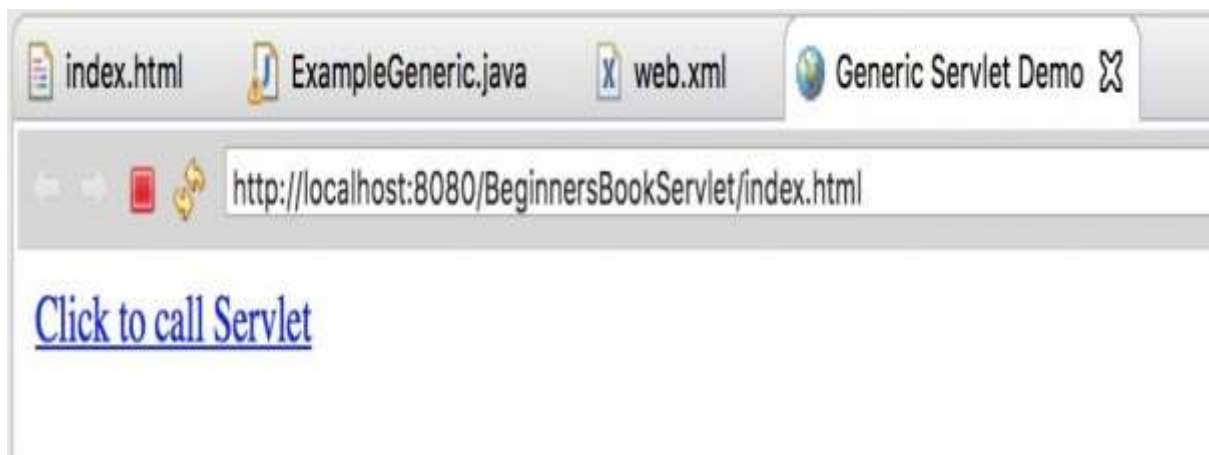
<welcome-file>default.jsp</welcome-file>

</welcome-file-list>
```

```
<servlet>
<servlet-name>MyGenericServlet</servlet-name>
<servlet-class>ExampleGeneric</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>MyGenericServlet</servlet-name>
<url-pattern>/welcome</url-pattern>
</servlet-mapping>

</web-app>
```

Output:



Screen after you click the link in first screen:



Generic Servlet Example

Hello BeginnersBook Readers!