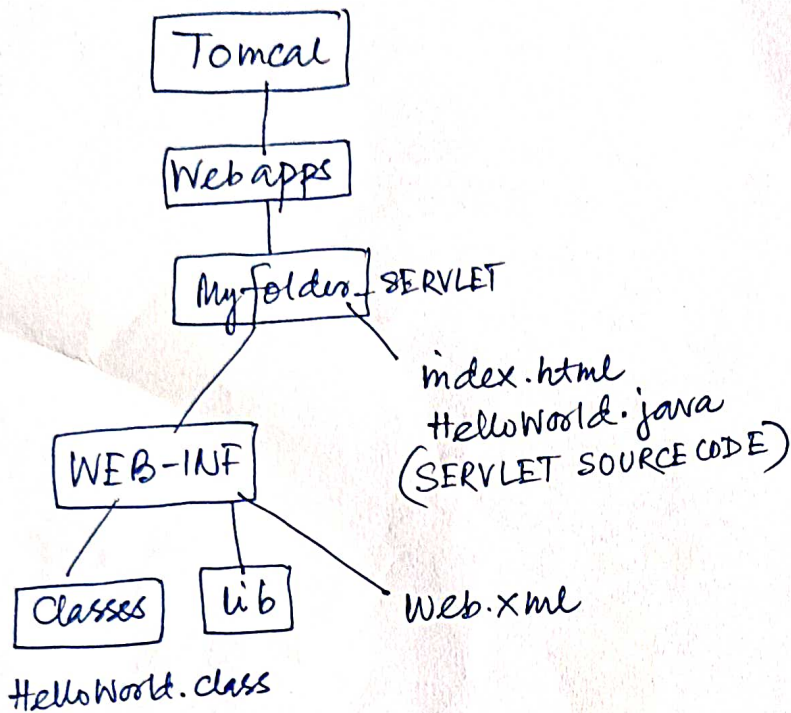


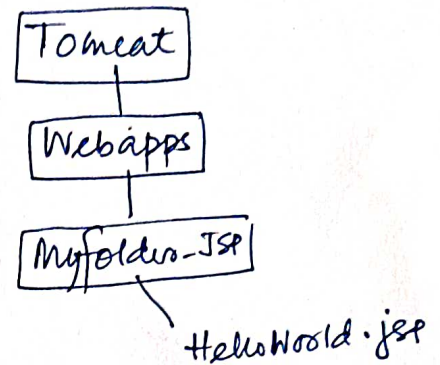
SERVLET

Directory structure



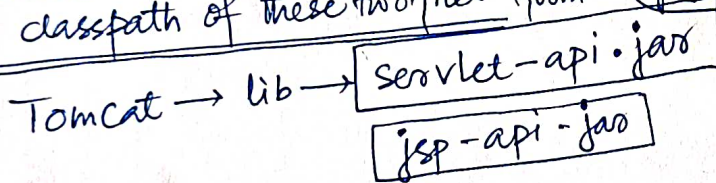
JSP

Directory structure



- url → localhost: 8080/MyFolder-JSP/HelloWorld.jsp ←
- Do not put WEB-INF inside MyFolder-JSP. ←

Set classpath of these two files from System settings



variable name: classpath ✓

Compilation

- javac HelloWorld.java ←
- javac -d WEB-INF/classes HelloWorld.java ←
Directly go into WEB-INF/classes directory

url → localhost: 8080/MyFolder-SERVLET/HelloWorld ←

HelloWorld.java

```
// Import required java libraries
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

// Extend HttpServlet class
public class HelloWorld extends HttpServlet {

    private String message;

    public void init() throws ServletException {
        // Do required initialization
        message = "Hello World";
    }

    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException
    {
        // Set response content type
        response.setContentType("text/html");

        // Actual logic goes here.
        PrintWriter out = response.getWriter();
        out.println("<h1>" + message + "</h1>");
    }

    public void destroy() {
        // do nothing.
    }
}
```

Web.xml

```
<web-app>
<servlet>
    <servlet-name>HelloWorld</servlet-name>
    <servlet-class>HelloWorld</servlet-class>
</servlet>

<servlet-mapping>
    <servlet-name>HelloWorld</servlet-name>
    <url-pattern>/HelloWorld</url-pattern>
</servlet-mapping>
</web-app>
```

in Tomcat 9. setup
Server Shutdown Port: 8005
~~Server~~ HTTP/1.1 Connector Port: 8080 ✓