Experiment no 09

Code:

📁 **Folder Structure:**

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```
HelloJSPApp/
├── hello.jsp
└── WEB-INF/
    └── web.xml
```

Hello.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
   <title>Hello JSP</title>
</head>
<body>
   <center>
      <h2><%= "Hello World!" %></h2>
      <h3>Current Date and Time: <%= new java.util.Date() %></h3>
   </center>
</body>
</html>
```
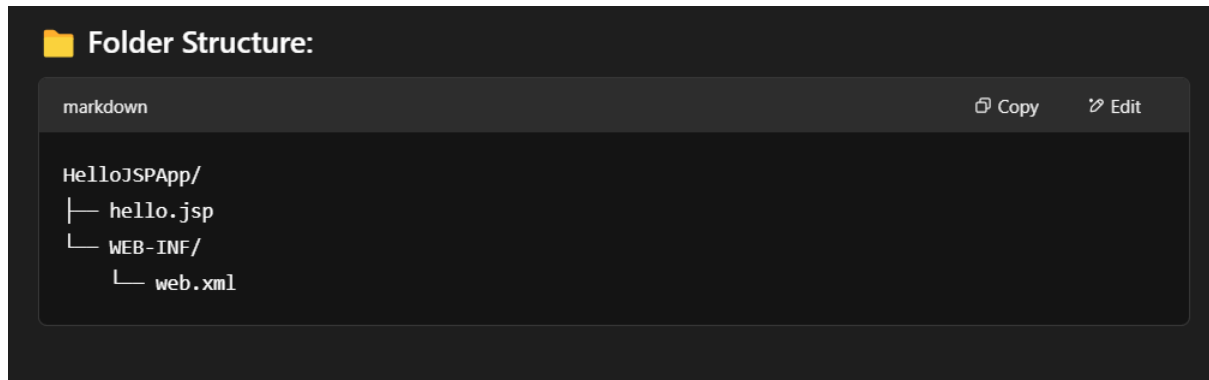
Web.xml

```xml
<web-app xmlns="https://jakarta.ee/xml/ns/jakartaee"
     xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
     xsi:schemaLocation="https://jakarta.ee/xml/ns/jakartaee
     https://jakarta.ee/xml/ns/jakartaee/web-app_6_0.xsd"
     version="6.0">
</web-app>
```

Commands to run:

PS C:\Users\Admin> cd "C:\Program Files\Apache Software Foundation\Tomcat 10.1\bin"
PS C:\Program Files\Apache Software Foundation\Tomcat 10.1\bin> $env:JAVA_HOME = "C:\Program Files\Java\jdk-22"
PS C:\Program Files\Apache Software Foundation\Tomcat 10.1\bin> cd "C:\Program Files\Apache Software Foundation\Tomcat 10.1\bin"
PS C:\Program Files\Apache Software Foundation\Tomcat 10.1\bin> .\startup.bat
Using CATALINA_BASE: "C:\Program Files\Apache Software Foundation\Tomcat 10.1"
Using CATALINA_HOME: "C:\Program Files\Apache Software Foundation\Tomcat 10.1"
Using CATALINA_TMPDIR: "C:\Program Files\Apache Software Foundation\Tomcat 10.1\temp"
Using JRE_HOME: "C:\Program Files\Java\jdk-22"
Using CLASSPATH: "C:\Program Files\Apache Software Foundation\Tomcat 10.1\bin\bootstrap.jar;C:\Program Files\Apache Software Foundation\Tomcat 10.1\bin\tomcat-juli.jar"
Using CATALINA_OPTS: ""

Output:

localhost:8081/HelloJSPApp/hello.jsp

Hello World!

Current Date and Time: Tue Apr 15 01:05:43 IST 2025