

MODULE 1 ASSIGNMENT: PROJECT SETUP AND REPOSITORY

GitHub Repository Link: <https://github.com/devcnx/csd430>

'~/csd430/modules/module_01/src/main/webapp/index.jsp'

```
<%@ page contentType="text/html; charset=UTF-8" language="java" %>
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <title><%= application.getServletContextName() %></title>
  <style>
    *, html, body {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }
    body {
      font-family: DM Sans, Iosevka, sans-serif;
      max-width: 800px;
      margin: 0 auto;
      padding: 20px;
      background-color: #f5f5f5;
    }
    h1, h2 {
      font-family: Times New Roman, serif;
      font-weight: 100;
      text-transform: uppercase;
      color: #333;
    }
    h1 {
      font-size: 2rem;
    }
    h2 {
      font-size: 1.5rem;
    }
    .info-box {
      background-color: white;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 2px 4px rgba(0,0,0,0.1);
    }
```

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        margin: 20px 0;

    }

    ul { line-height: 1.6; }

    pre {

        background-color: #2d2d2d;

        color: #f8f8f2;

        padding: 15px;

        border-radius: 5px;

        overflow-x: auto;

    }

</style>
</head>
<body>

    <h1>Welcome to <%= application.getServletContextName() %></h1>

    <div class="info-box">

        <p>This is a JavaServer Page (JSP) running on Apache Tomcat.</p>

        <p>Edit this file at: <code>modules/module_01/src/main/webapp/index.jsp</code></p>

    </div>

    <h2>Server Information</h2>
    <div class="info-box">
        <ul>

            <li><strong>Server Info:</strong> <%= application.getServerInfo() %></li>

            <li><strong>Servlet Version:</strong> <%= application.getMajorVersion() %>.<%= application.getMinorVersion() %></li>

            <li><strong>Java Version:</strong> <%= System.getProperty("java.version") %></li>

            <li><strong>Java Home:</strong> <%= System.getProperty("java.home") %></li>

            <li><strong>Current Time:</strong> <%= new java.util.Date().toString().substring(11, 24) %></li>

            <li><strong>Session ID:</strong> <%= session.getId() %></li>

            <li><strong>Context Path:</strong> <%= request.getContextPath() %></li>

        </ul>
    </div>

    <h2>Request Information</h2>
    <div class="info-box">
        <ul>

            <li><strong>Method:</strong> <%= request.getMethod() %></li>

            <li><strong>Protocol:</strong> <%= request.getProtocol() %></li>

            <li><strong>Remote Address:</strong> <%= request.getRemoteAddr() %></li>

            <li><strong>Remote Host:</strong> <%= request.getRemoteHost() %></li>

        </ul>
    </div>

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        <li><strong>Request URI:</strong> <%= request.getRequestURI() %></li>
        <li><strong>Request URL:</strong> <%= request.getRequestURL() %></li>
    </ul>
</div>

<hr>
<p><small>Deployed to: <code>modules/module_01/src/main/webapp</code></small></p>
</body>
</html>

```

'~/csd430/modules/module_01/src/main/webapp/WEB-INF/web.xml'

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
        http://xmlns.jcp.org/xml/ns/javaee/web-app_4_0.xsd"
    version="4.0">

    <display-name>module_01</display-name>
    <description>Web application for module_01</description>

    <welcome-file-list>
        <welcome-file>index.jsp</welcome-file>
        <welcome-file>index.html</welcome-file>
        <welcome-file>index.htm</welcome-file>
    </welcome-file-list>

    <!-- Example servlet configuration -->
    <!--
    <servlet>
        <servlet-name>ExampleServlet</servlet-name>
        <servlet-class>com.example.ExampleServlet</servlet-class>
    </servlet>

    <servlet-mapping>
        <servlet-name>ExampleServlet</servlet-name>
        <url-pattern>/example</url-pattern>
    </servlet-mapping>
    -->

</web-app>

```

DELIVERABLES

