

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>
```

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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

