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**WEEK 2**

**Logging using SLF4J**

Exercise 1: Logging Error Messages and Warning Levels

Step 1: Create a Maven Project in IntelliJ IDEA

Now your project folder will look like:

logging-example/  
├── src/  
│ ├── main/java/  
│ └── test/java/  
└── pom.xml

Step 2: Add SLF4J & Logback to pom.xml

<!-- Logback Implementation -->

<dependency>

<groupId>ch.qos.logback</groupId>

<artifactId>logback-classic</artifactId>

<version>1.2.3</version>

</dependency>

Step 3: Create Your Java Logging Class

LoggingExample.java

package com.example;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class LoggingExample {

private static final Logger logger = LoggerFactory.getLogger(LoggingExample.class);

public static void main(String[] args) {

logger.error("❌ This is an error message");

logger.warn("⚠️ This is a warning message");

}

}

**OUTPUT:**

A screenshot of a computer

AI-generated content may be incorrect.