**SL4J Logging exercises**

**Exercise 1: Logging Error Messages and Warning Levels Task**

Write a Java application that demonstrates logging error messages and warning levels using SLF4J.

**Solution:**

1. Add SLF4J and Logback dependencies to your ‘pom.xml’ file:

<dependency>

<groupId>org.slf4j</groupId>

<artifactId>slf4j-api</artifactId>

<version>1.7.30</version>

</dependency>

<dependency>

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

<artifactId>logback-classic</artifactId>

<version>1.2.3</version>

</dependency>

1. Create a Java class that uses SLF4J for logging:

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class LoggingExample {

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

public static void main(String[] args) {

log.error("Error message");

log.warn("Warning message");

}

}

**LoggingExample.java**

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class LoggingExample {

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

public static void main(String[] args) {

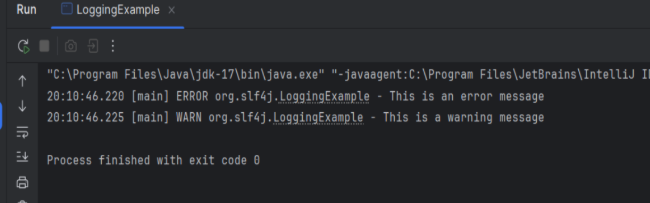
log.error("Error message");

log.warn("Warning message");

}

}

**Output:**

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