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

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

**Code :**

package com.cognizant.mockingandstubbing;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class LoggingExample {

// Logger tied to this class

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");

logger.info("This is an info message");

logger.debug("This is a debug message");

}

}

**Pom.xml:**

<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>

**Output:**

A computer screen shot of a computer screen

AI-generated content may be incorrect.

A computer screen shot of a computer screen

AI-generated content may be incorrect.