Week 2 - SL4J Logging exercises

Exercise 1: Logging Error Messages and Warning Levels

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Task: Write a Java application that demonstrates logging error messages and warning levels
using SLF4J.
Step-by-Step Solution:
1. Add SLF4J and Logback dependencies to your 'pom.xml' file:
<dependency>
  <groupId>org.slf4j
  <artifactId>slf4j-api</artifactId>
  <version>1.7.30</version>
</dependency>
<dependency>
  <groupId>ch.qos.logback
  <artifactId>logback-classic</artifactId>
  <version>1.2.3</version>
</dependency>
2. Create a Java class that uses SLF4J for logging:
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");
  }
```

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LoggingExample.java

package com.example.logging;

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

