

## Exercise 1: Logging Error Messages and Warning Levels

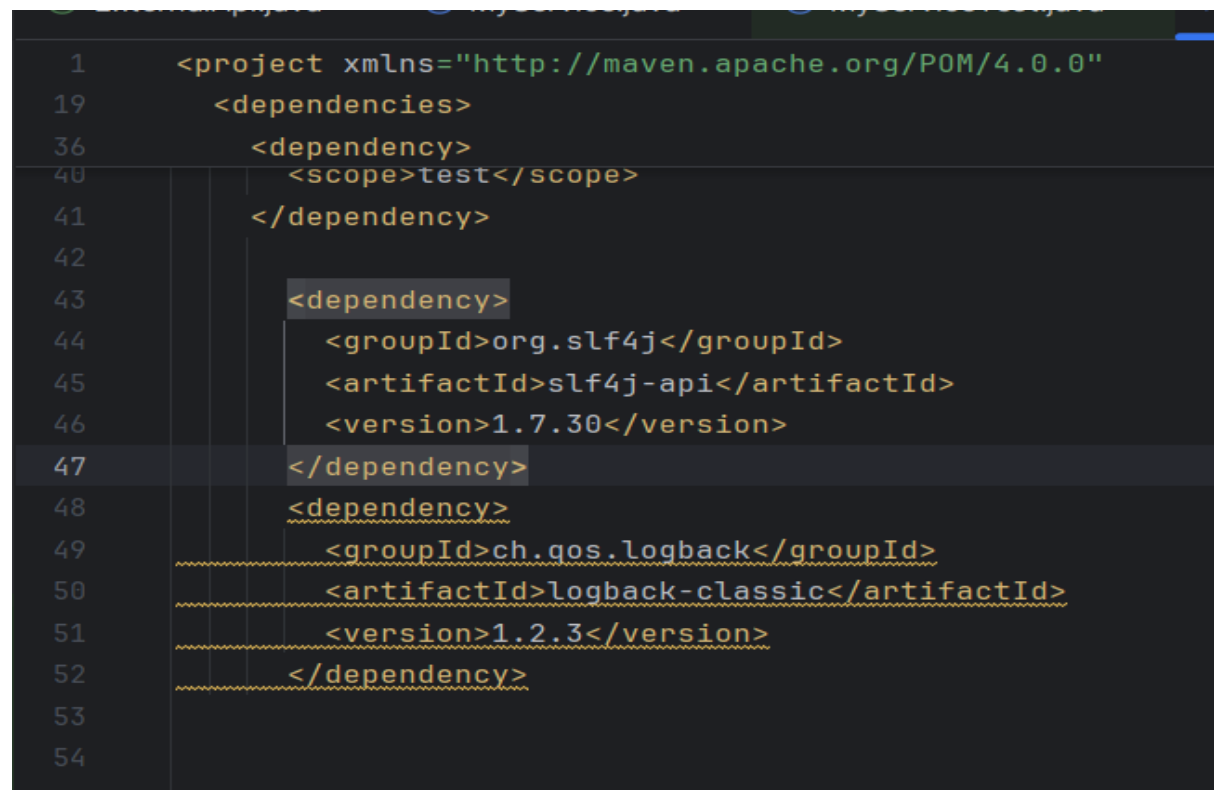
### FROM FILE SL4J Logging Exercises

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Pom.xml:

#### Dependency

```
<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      <project xmlns="http://maven.apache.org/POM/4.0.0"
19      <dependencies>
36          <dependency>
40              <scope>test</scope>
41          </dependency>
42
43          <dependency>
44              <groupId>org.slf4j</groupId>
45              <artifactId>slf4j-api</artifactId>
46              <version>1.7.30</version>
47          </dependency>
48          <dependency>
49              <groupId>ch.qos.logback</groupId>
50              <artifactId>logback-classic</artifactId>
51              <version>1.2.3</version>
52          </dependency>
53
54
55
```

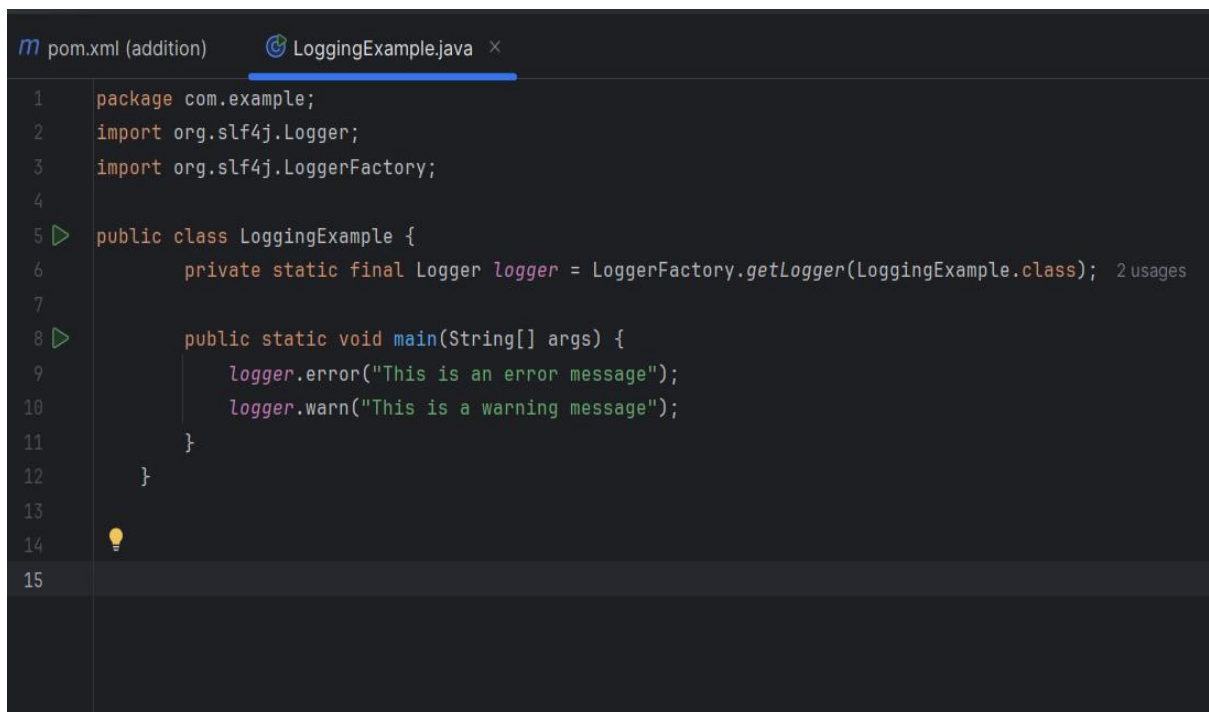
## LoggingExample.java class:

### Code:

```
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");
    }
}
```

### Practice screen from IntelliJ:



```
m pom.xml (addition)  LoggingExample.java x
1 package com.example;
2 import org.slf4j.Logger;
3 import org.slf4j.LoggerFactory;
4
5 public class LoggingExample {
6     private static final Logger logger = LoggerFactory.getLogger(LoggingExample.class); 2 usages
7
8     public static void main(String[] args) {
9         logger.error("This is an error message");
10        logger.warn("This is a warning message");
11    }
12 }
13
14
15
```

## Output Screen:

10:43:04.865 [main] ERROR com.example.LoggingExample - This is an error message

10:43:04.867 [main] WARN com.example.LoggingExample - This is a warning message

## Process finished with exit code 0

