Logging using SLF4J:

Exercise 1: Logging Error Messages and Warning Levels:

```java
LoggerExample.java
package junit;
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");
    }
}
```

```xml
//Pom.xml

<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>0.0.1-SNAPSHOT</version>

  <dependencies>
        <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>4.13.2</version>
    <scope>test</scope>
</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>

  </dependencies>
</project>
```

Output: