**⇒ Mandatory Hands-On**

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

junitdemo/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 http://maven.apache.org/xsd/maven-4.0.0.xsd">**

**<modelVersion>4.0.0</modelVersion>**

**<groupId>com.example</groupId>**

**<artifactId>junitdemo</artifactId>**

**<version>default</version>**

**<dependencies>**

**<dependency>**

**<groupId>junit</groupId>**

**<artifactId>junit</artifactId>**

**<version>4.13.2</version>**

**<scope>test</scope>**

**</dependency>**

**<dependency>**

**<groupId>org.mockito</groupId>**

**<artifactId>mockito-core</artifactId>**

**<version>3.12.4</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>**

src/main/java/junitdemo/LoggingDemo.java

**package junitdemo;**

**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");**

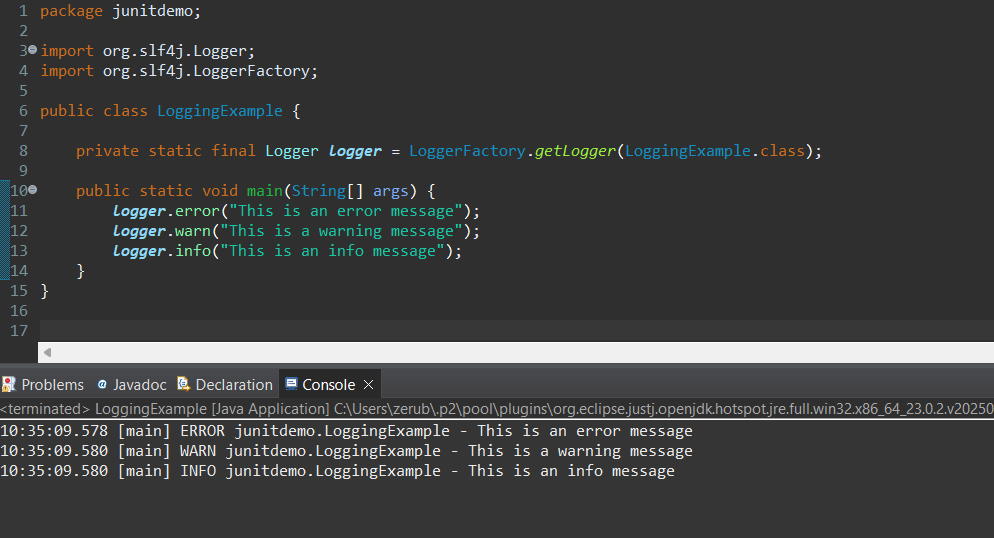
***logger*.warn("This is a warning message");**

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

**}**

**}**

**Result:**

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