Exercise 1: Logging Error Messages and Warning Levels

Code

<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>com.example</groupId>

 <artifactId>junit-demo</artifactId>

 <version>0.0.1-SNAPSHOT</version>

 <dependencies>

   <!-- JUnit 5 -->

   <dependency>

     <groupId>org.junit.jupiter</groupId>

     <artifactId>junit-jupiter</artifactId>

     <version>5.10.0</version>

     <scope>test</scope>

   </dependency>

   <!-- Mockito -->

   <dependency>

     <groupId>org.mockito</groupId>

     <artifactId>mockito-core</artifactId>

     <version>5.12.0</version>

     <scope>test</scope>

   </dependency>

   <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>

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

