Exercise 1: Logging Error Messages and Warning Levels

LoggingExample.java

**import** org.slf4j.Logger;

**import** org.slf4j.LoggerFactory;

**public** **class** LoggerExample {

**private** **static** **final** Logger ***logger*** = LoggerFactory.*getLogger*(LoggerExample.**class**);

**public** **static** **void** main(String[] args) {

***logger***.info("Application started running");

String input = **null**;

**if** (input == **null**) {

***logger***.warn("Input is null, it is not valid");

input = "default";

}

**try** {

**int** result = *divide*(10, 0);

} **catch** (ArithmeticException e) {

***logger***.error("Exception when dividing : {}", e.getMessage());

}

***logger***.info("Application finished running");

}

**public** **static** **int** divide(**int** a, **int** b) {

**return** a / b;

}

}

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>com.example</groupId>

<artifactId>Logger</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>org.slf4j</groupId>

<artifactId>slf4j-api</artifactId>

<version>2.0.12</version>

</dependency>

<dependency>

<groupId>ch.qos.logback</groupId>

<artifactId>logback-classic</artifactId>

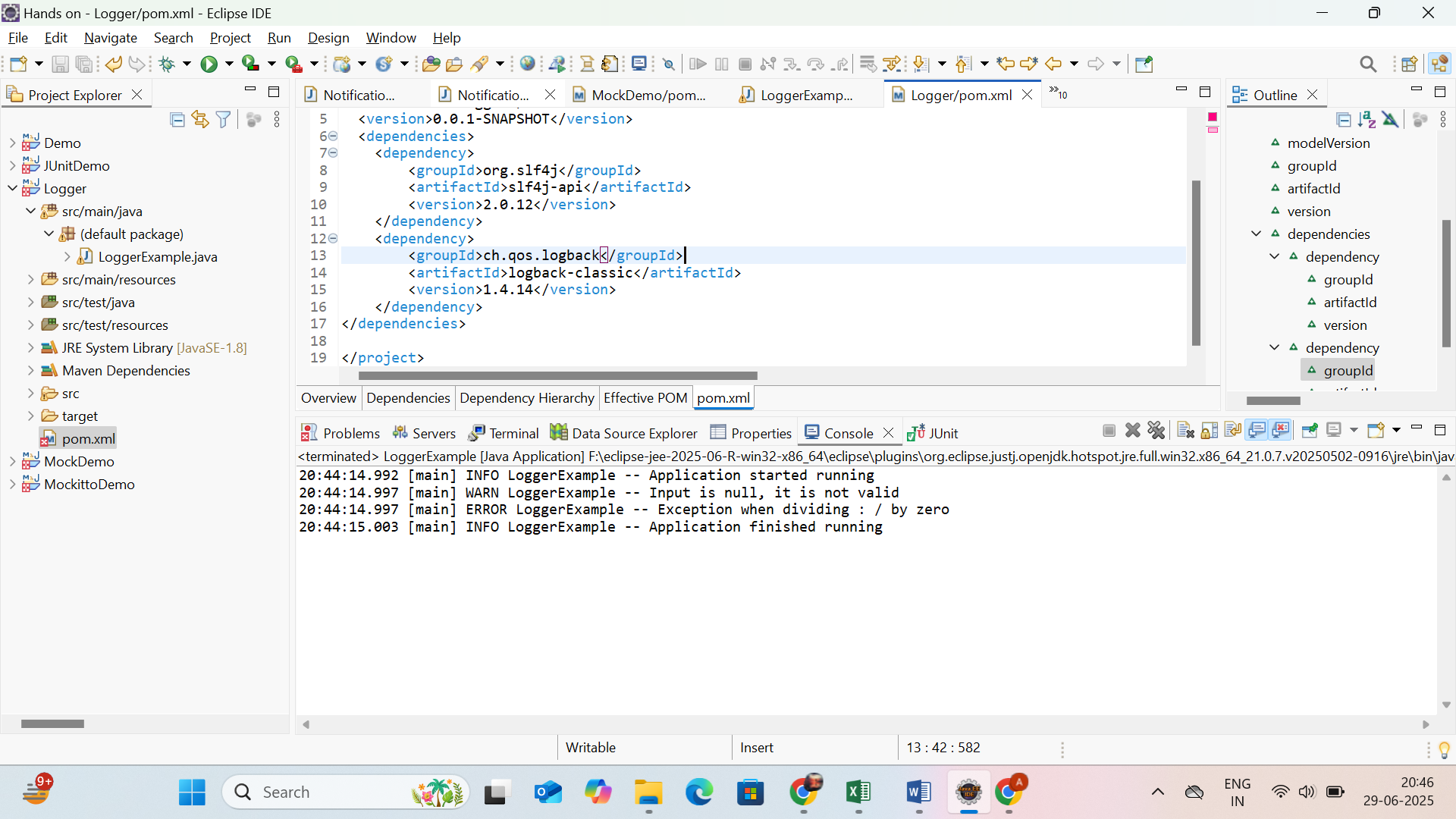
<version>1.4.14</version>

</dependency>

</dependencies>

</project>

**Output:**

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