**WEEK-2**

**1)SL4J Logging Exercises**

Exercise 1:Logging error messages and Warning level:

1. Added SLF4J and Logback dependencies to `pom.xml` file:

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>LoggingDemo</artifactId>

<version>0.0.1-SNAPSHOT</version>

<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>

</project>

2.Create a Java class that uses SLF4J for logging:

LoggingExample.java

**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) {

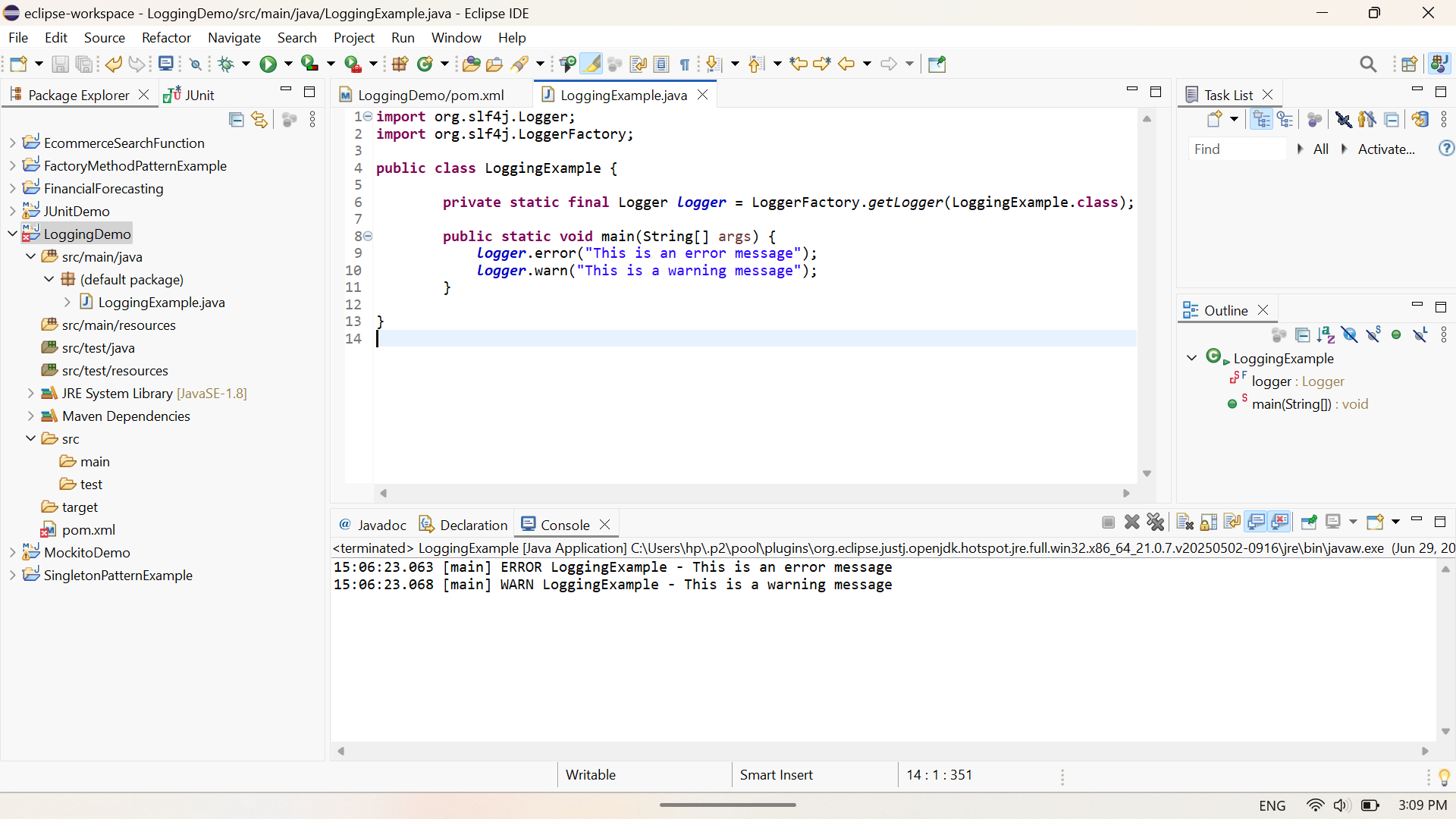
***logger***.error("This is an error message");

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

}

}

**Output:**

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