**Week-2**

**SL4J Logging exercises**

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

**Task: Write a Java application that demonstrates logging error messages and warning levels using SLF4J.**

**pom.xml :**

<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>

**LoggingDemo.java**

package practice;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class LoggingDemo {

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

public static void main(String[] args) {

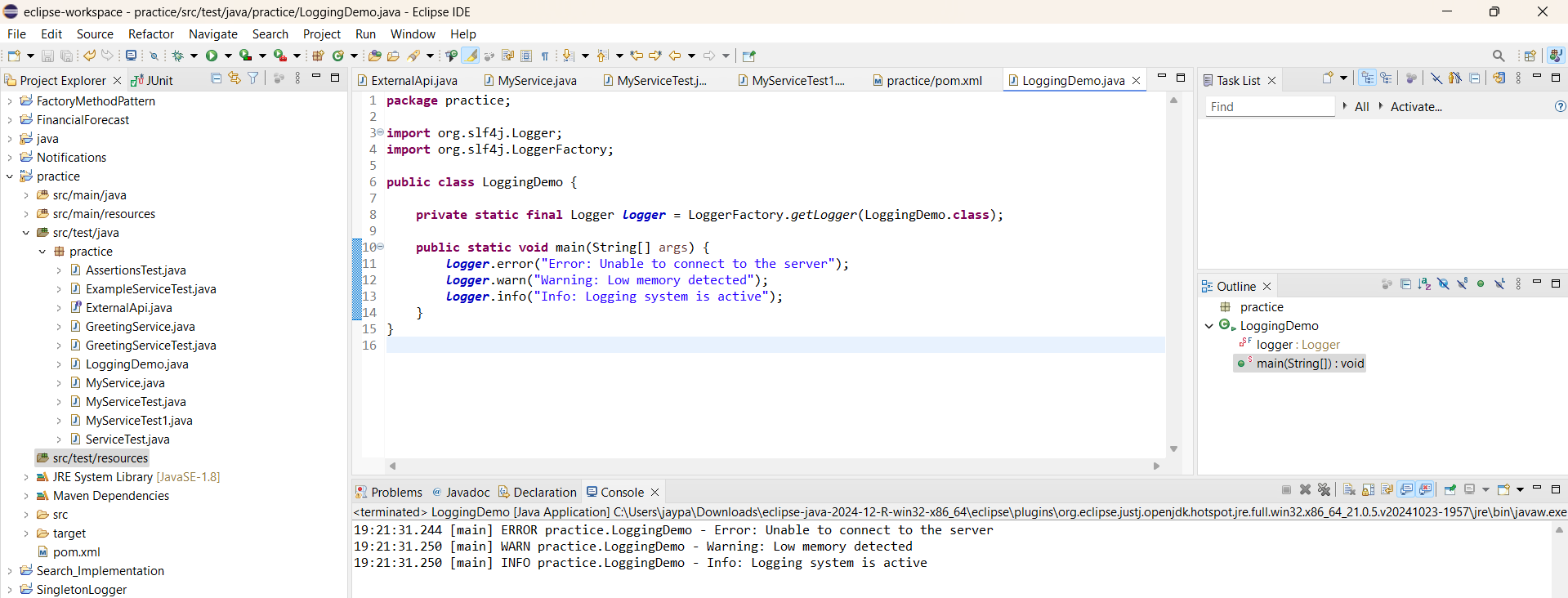
logger.error("Error: Unable to connect to the server");

logger.warn("Warning: Low memory detected");

logger.info("Info: Logging system is active");

}

}

****