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

**LoggingExample.java**

package org.example;

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");

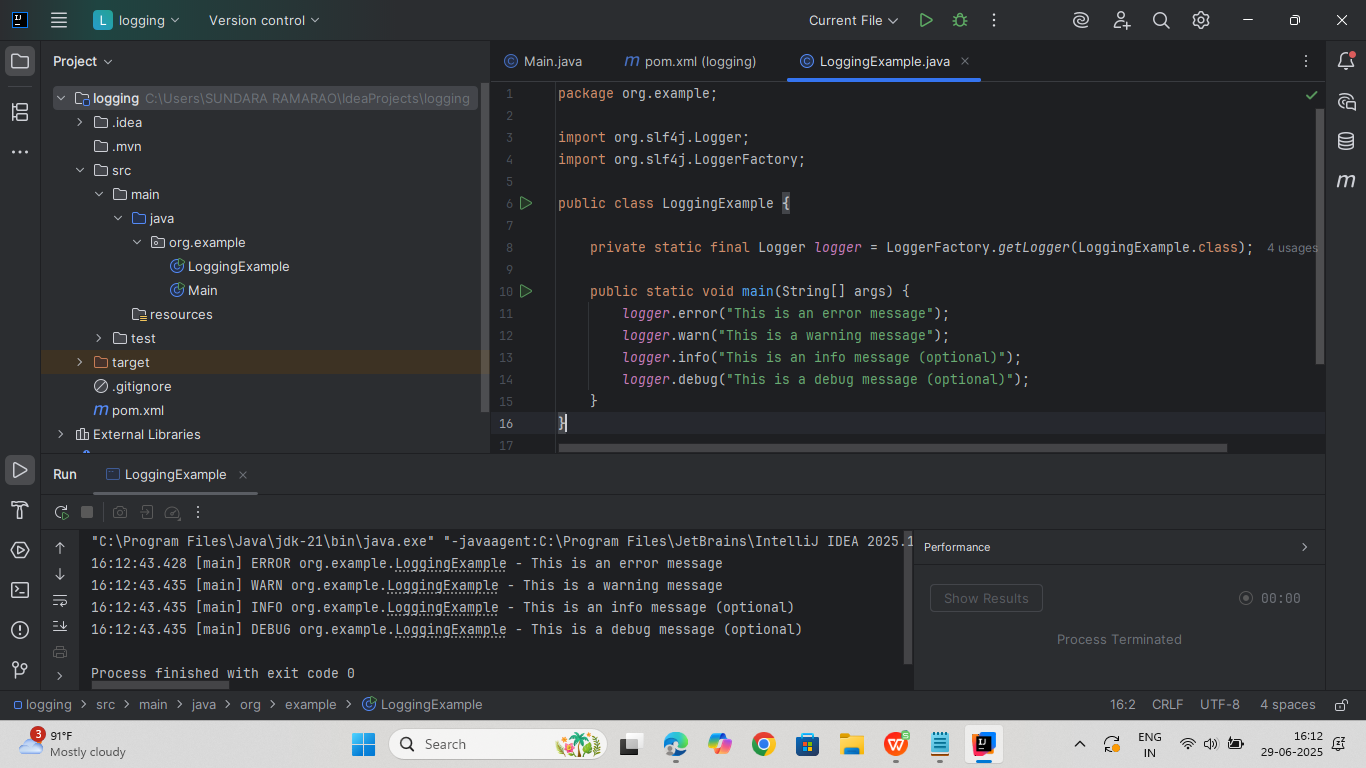
logger.info("This is an info message (optional)");

logger.debug("This is a debug message (optional)");

}

}

**Output:**

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