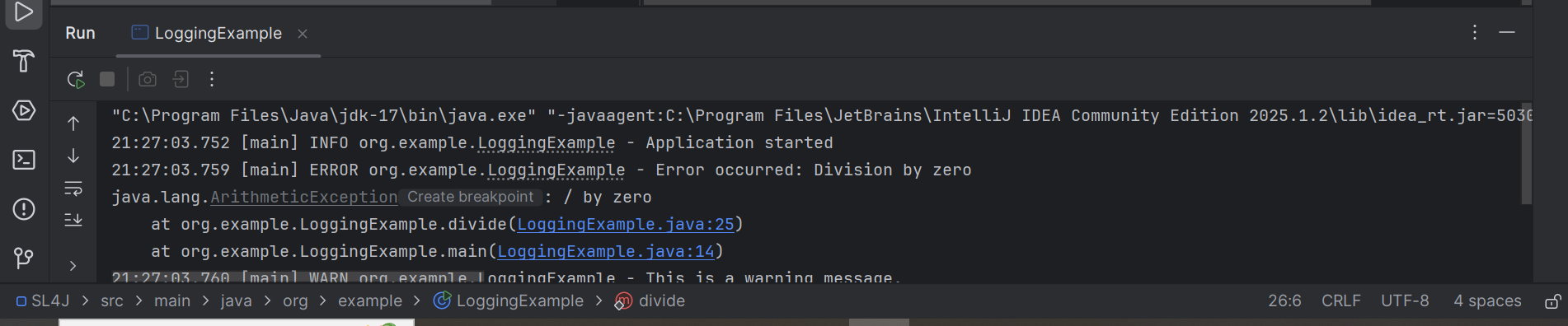
**Exercise 1: Logging Error Messages and Warning Levels using SLF4J**

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*.info("Application started");  
  
 try {  
 int result = *divide*(10, 0); // will cause exception  
 *logger*.info("Result: {}", result);  
 } catch (ArithmeticException e) {  
 *logger*.error("Error occurred: Division by zero", e);  
 }  
  
 *logger*.warn("This is a warning message.");  
 *logger*.info("Application finished.");  
 }  
  
 public static int divide(int a, int b) {  
 return a / b;  
 }  
}

output:

****