**SLF4J**

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

**Code:**

package logging;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class LoggingExample {

// Create logger

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 throw exception

*logger*.info("Result: " + result);

} catch (Exception e) {

*logger*.error("An error occurred: {}", e.getMessage(), e);

}

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

*logger*.info("Application ended");

}

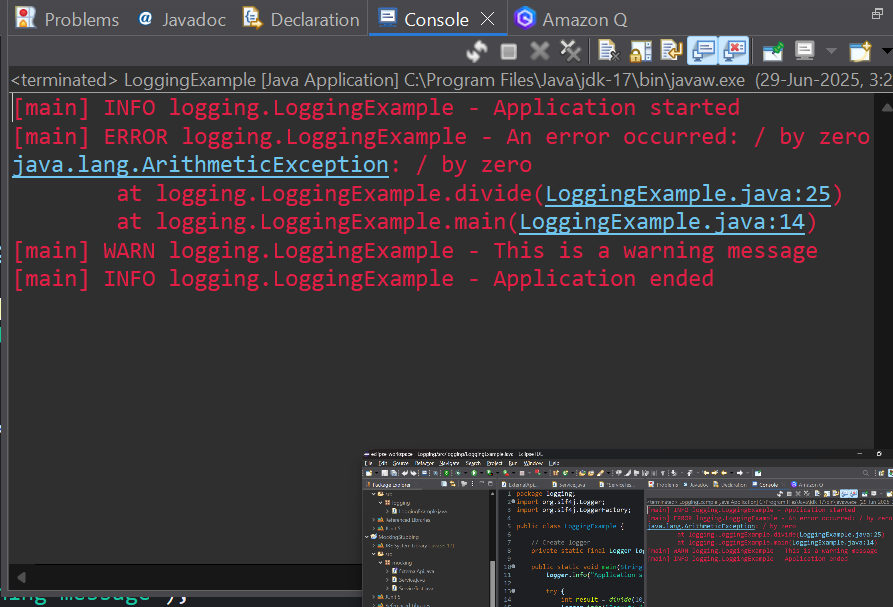
public static int divide(int a, int b) {

return a / b;

}

}

**Output:**

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