Week 2 Mandatory Hands-on Exercise Answers

# SLF4J logging framework - Exercise 1: Logging Error Messages and Warning Levels

Code:

import java.util.logging.\*;

public class LoggingExample {

private static final Logger logger = Logger.getLogger(LoggingExample.class.getName());

public static void main(String[] args) {

// Configure logger

logger.setLevel(Level.ALL);

// Simple info log

logger.info("Application started");

// Simulate a warning

int balance = -100;

if (balance < 0) {

logger.warning("Warning: Negative balance detected!");

}

// Simulate an error

try {

int result = 10 / 0; // This will throw ArithmeticException

} catch (ArithmeticException e) {

logger.severe("Error: Division by zero - " + e.getMessage());

}

logger.info("Application ended");

}

}

OUTPUT:

