Logging using SLF4J:

Exercise 2: Parameterized Logging

CODE:

ParameterizedLoggingExample.java:

package com.example.LoggingExampleProject;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class ParameterizedLoggingExample {

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

public static void main(String[] args) {

String username = "john\_doe";

int itemsPurchased = 5;

double totalPrice = 249.99;

logger.info("User {} purchased {} items totaling ${}", username, itemsPurchased, totalPrice);

logger.warn("Low stock warning for product ID: {}", 1024);

logger.error("Transaction failed for user {} with amount ${}", username, totalPrice);

}

}

OUTPUT:

