Test driven development and Logging framework

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Logging using SLF4J

Exercise 2: Parameterized Logging

pom.xml

<dependencies>

<dependency>

<groupId>org.slf4j</groupId>

<artifactId>slf4j-api</artifactId>

<version>1.7.30</version>

</dependency>

<dependency>

<groupId>ch.qos.logback</groupId>

<artifactId>logback-classic</artifactId>

<version>1.2.3</version>

</dependency>

</dependencies>

Java

package com.example;

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 user = "Dharshini";

int loginAttempts = 3;

logger.info("User {} has logged in successfully.", user);

logger.warn("User {} has attempted to login {} times unsuccessfully.", user, loginAttempts);

logger.error("Error occurred while processing request for user {}", user);

}

}

Output:

A screenshot of a computer

Description automatically generated