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

1. **Add SLF4J and Logback dependencies to your `pom.xml` file:**

**Code:**

<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>

1. **Create a Java class that uses SLF4J for logging:**

**Code:**

package com.example.Junit\_and\_Mokito;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class Logging {

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

    public static void main(String[] args) {

        logger.error("This is an error message");

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

        logger.info("This is an info message");

    }

}

**Output:**

