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

**Code:**

**LoggingExample.java:**

package com.example.LoggingDemo;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class LoggingExample {

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

public static void main(String[] args) {

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

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

}

}

**Output:**

