**SL4J Logging exercises**

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

**Problem Statement**

Write a Java application that demonstrates logging error messages and warning levels

using SLF4J.

**LoggerExample.java**

package com.example.junit\_demo;

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");

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

***logger***.debug("This is a debug message");

}

}

**Logback.xml**

<configuration>

<appender name="console" class="ch.qos.logback.core.ConsoleAppender">

<encoder>

<pattern>%d{HH:mm:ss.SSS} [%thread] %-5level %logger{36} - %msg%n</pattern>

</encoder>

</appender>

<root level="debug">

<appender-ref ref="console"/>

</root>

</configuration>

**OUTPUT:**

