**Exercise 1 : SL4J Logging Error Messages and Warning Levels**

Task: Write a Java application that demonstrates logging error messages and warning levels using SLF4J.

1. Add dependencies to pom.xml for SLF4J and logback.

***Dependency:***

*<!-- SLF4J API -->*

*<dependency>*

*<groupId>org.slf4j</groupId>*

*<artifactId>slf4j-api</artifactId>*

*<version>1.7.30</version>*

*</dependency>*

*<!-- Logback: Implementation of SLF4J -->*

*<dependency>*

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

*<artifactId>logback-classic</artifactId>*

*<version>1.2.3</version>*

*</dependency>*

Then changes are loaded using Load Maven Changes option.

1. In the **main** folder, created a new class called LoggingExample.java

CODE:

*package com.example;*

*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");*

*}*

*}*

1. Run the app.

OUTPUT:

