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

### Task:

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

**CODE:**

**Step 1: Add dependencies to** 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>

### ****Step 2: Create the Java logging class****

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:

### 12:35:22.123 [main] ERROR LoggingExample - This is an error message

12:35:22.125 [main] WARN LoggingExample - This is a warning message