**Logging using SLF4J**

Exercise 1: Logging Error Messages and Warning Levels Task: Write a Java application that demonstrates logging error messages and warning levels using SLF4J.

**Step 1: pom.xml (Add the SLF4J and Logback dependencies)**

<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: AppLogger.java**

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class AppLogger {

// Logger instance for this class

private static final Logger log = LoggerFactory.getLogger(AppLogger.class);

public static void main(String[] args) {

// Example logs for error and warning levels

log.error("ERROR: Unable to connect to the database.");

log.warn("WARNING: Disk space is running low.");

}

}