Logging using SLF4J

Exercise 1: Logging Error Messages and Warning Levels

## **Project Setup**

1. Add SLF4J and Logback dependencies to your 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>

## **Java Class**

Create a Java class AppLogger in package com.demo:

package com.demo;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class AppLogger {

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

public static void main(String[] args) {

logger.error("Error message example");

logger.warn("Warning message example");

logger.info("Info message example");

logger.debug("Debug message example");

}

}

LogBack.xml:

<configuration>

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

<encoder>

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

</encoder>

</appender>

<root level="DEBUG">

<appender-ref ref="STDOUT" />

</root>

</configuration>

OUTPUT :

