# 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.

**LoggingExample.java:**

package sample;

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");

} }

**Logback.xml:**

<configuration>

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

<encoder>

<pattern>%d{HH:mm:ss.SSS} %-5level - %msg%n</pattern>

</encoder>

</appender>

<root level="debug">

<appender-ref ref="STDOUT" />

</root>

</configuration>

## Output:

