**Exercise 3: Using Different Appenders**

**logback.xml**

<?xml version="1.0" encoding="UTF-8"?>

<configuration>

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

<encoder>

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

</encoder>

</appender>

<appender name="file" class="ch.qos.logback.core.FileAppender">

<file>app.log</file>

<encoder>

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

</encoder>

</appender>

<root level="debug">

<appender-ref ref="console" />

<appender-ref ref="file" />

</root>

</configuration>

**AppenderExample.java**

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class AppenderExample {

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

public static void main(String[] args) {

logger.info("This message should appear in both console and file");

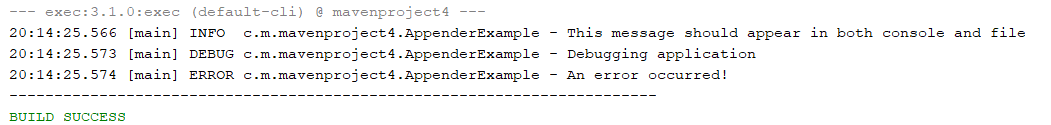
logger.debug("Debugging application");

logger.error("An error occurred!");

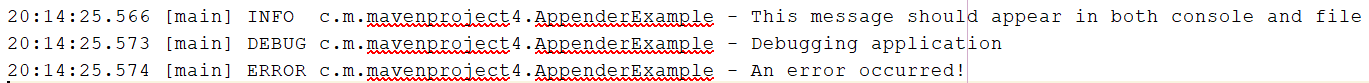
}

}

**Output**



**app.log**

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