**Hands on 3-Spring Core - Incorporate Logging**

**Main.java:**

**package com.cognizant.spring\_learn;**

**import org.slf4j.Logger;**

**import org.slf4j.LoggerFactory;**

**public class Main {**

**private static final Logger *LOGGER* = LoggerFactory.*getLogger*(Main.class);**

**public static void main(String[] args) {**

***LOGGER*.info("START");**

**DateUtil dateUtil = new DateUtil(); // ✅ Create object**

**dateUtil.displayDate(); // ✅ Call method**

***LOGGER*.info("END");**

**}**

**}**

**DateUtil.java**

**package com.cognizant.spring\_learn;**

**import java.text.ParseException;**

**import java.text.SimpleDateFormat;**

**import java.util.Date;**

**import java.util.Locale;**

**import org.slf4j.Logger;**

**import org.slf4j.LoggerFactory;**

**public class DateUtil {**

**private static final Logger *LOGGER* = LoggerFactory.*getLogger*(DateUtil.class);**

**public void displayDate() {**

**SimpleDateFormat sdf = new SimpleDateFormat("dd/MM/yyyy", Locale.*ENGLISH*);**

**try {**

**Date date = sdf.parse("31/12/2018");**

***LOGGER*.info("Parsed Date: {}", date);**

**} catch (ParseException e) {**

***LOGGER*.error("Date parsing failed", e);**

**}**

**}**

**}**

**MainTest.java:**

**package com.cognizant.spring\_learn;**

**import org.junit.Test;**

**public class MainTest {**

**@Test**

**public void testDisplayDate() {**

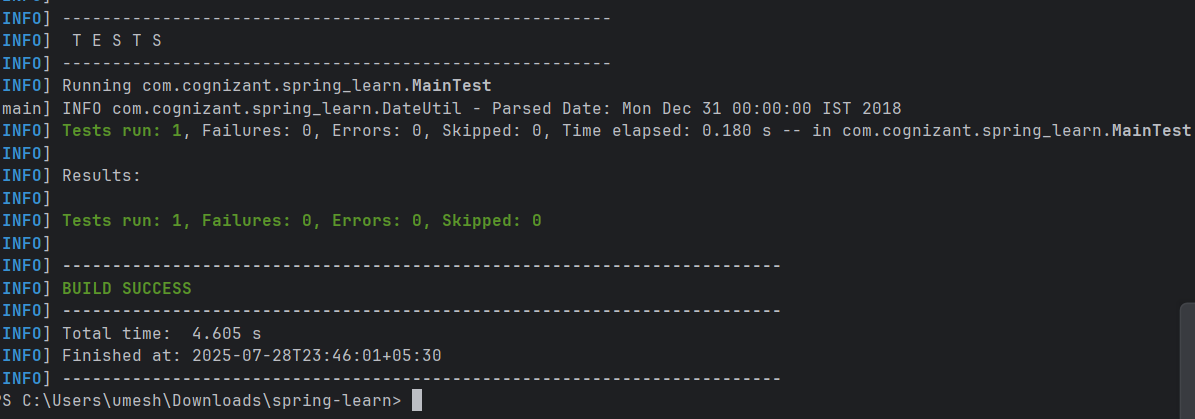
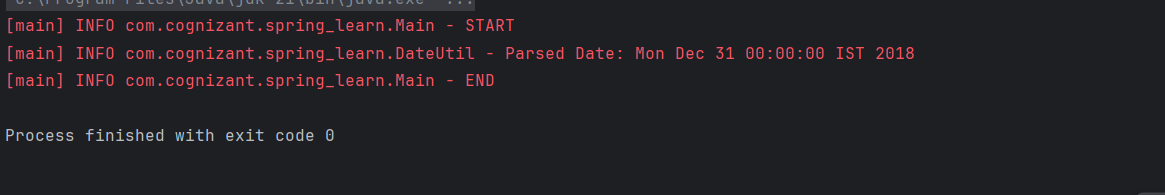
**DateUtil dateUtil = new DateUtil();**

**dateUtil.displayDate(); // This should log the parsed date**

**}**

**}**

**Output:**

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