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

**spring-learn/src/main/resources/application.properties**

spring.application.name=spring-learn

logging.level.org.springframework=info

logging.level.com.cognizant.spring\_learn=debug

logging.pattern.console=%d{yyMMdd}|%d{HH:mm:ss.SSS}|%-20.20thread|%5p|%-25.25logger**{25}**|%25M|%m%n

**spring-learn/src/main/java/com/cognizant/spring\_learn/SpringLearnApplication.java**

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

**import** org.slf4j.Logger;

**import** org.slf4j.LoggerFactory;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**import** org.springframework.boot.SpringApplication;

**import** org.springframework.boot.autoconfigure.SpringBootApplication;

**import** org.springframework.context.ApplicationContext;

**import** org.springframework.context.support.ClassPathXmlApplicationContext;

@SpringBootApplication

**public** **class** SpringLearnApplication {

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

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

SpringApplication.*run*(SpringLearnApplication.**class**, args);

*displayDate*("31/12/2018");

}

**public** **static** **void** displayDate(String date) **throws** ParseException {

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

ApplicationContext context = **new** ClassPathXmlApplicationContext("date-format.xml");

SimpleDateFormat format = context.getBean("dateFormat", SimpleDateFormat.**class**);

Date new\_date = format.parse(date);

// System.out.println("Date: " + new\_date);

***LOGGER***.debug("Parsed Date {}", new\_date);

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

}

}

**Output**

****