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

**application.properties**

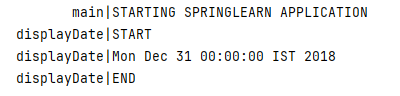
spring.application.name=spring\_learn  
*# Log level settings*logging.level.org.springframework=info  
logging.level.com.cognizant.spring\_learn=debug  
  
*# Console output format*logging.pattern.console=%d{yyMMdd}|%d{HH:mm:ss.SSS}|%-20.20thread|%5p|%-25.25logger{25}|%25M|%m%n

**Date-format.xml**   
*<?*xml version="1.0" encoding="UTF-8"*?>*<beans xmlns="http://www.springframework.org/schema/beans"  
 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
 xsi:schemaLocation="http://www.springframework.org/schema/beans  
 https://www.springframework.org/schema/beans/spring-beans.xsd">  
  
 <bean id="dateFormat" class="java.text.SimpleDateFormat">  
 <constructor-arg value="dd/MM/yyyy" />  
 </bean>  
  
</beans>

**SpringLearnApplication.java**

package com.cognizant.spring\_learn;  
  
import org.slf4j.Logger;  
import org.slf4j.LoggerFactory;  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
import org.springframework.context.ApplicationContext;  
import org.springframework.context.support.ClassPathXmlApplicationContext;  
  
import java.text.ParseException;  
import java.text.SimpleDateFormat;  
import java.util.Date;  
  
@SpringBootApplication  
public class SpringLearnApplication {  
 private static final Logger *LOGGER* = LoggerFactory.*getLogger*(SpringLearnApplication.class);  
 public static void main(String[] args) {  
 SpringApplication.*run*(SpringLearnApplication.class, args);  
 *LOGGER*.info("STARTING SPRINGLEARN APPLICATION");  
 *displayDate*();  
 }  
 public static void displayDate() {  
 ApplicationContext context = new ClassPathXmlApplicationContext("date-format.xml");  
  
 SimpleDateFormat format = context.getBean("dateFormat", SimpleDateFormat.class);  
 try {  
 Date date = format.parse(" ");  
 System.*out*.println(date);  
 } catch (ParseException e) {  
 e.printStackTrace();  
 }  
 }  
  
}

**Output**

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