1. Create Spring boot Starter Application by downloading from spring initializer
2. See How maven dependencies downloaded
3. Add a logger and print the message
   1. @SpringBootApplication
   2. @EnableAutoConfiguration 🡪 Show Different Auto Configuration classes. Heart of the spring boot.
   3. @ComponentScan
   4. @Configuration 🡪 Enable disable configuration and see how its working
   5. @Bean
   6. @Componenet
4. Custom Auto Configuration class
   1. If MyApp3 bean present, get that bean else provide the default bean for MyApp3

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-autoconfigure-processor</artifactId>

<optional>true</optional>

* 1. Add Auto configuration class to Spring.factorie\src\main\resources\META-INF\spring.factories
     1. org.springframework.boot.autoconfigure.EnableAutoConfiguration=com.spring.boot.start.config.MyApp3AutoConfiguration

1. CommandLineRunner
2. Application.properties -> Read the properties from application.properties file
3. Run the application with command line by using the jar

<configuration>

<mainClass>com.spring.boot.start.BootDemoApplication5</mainClass>

</configuration>

<executions>

<execution>

<goals>

<goal>repackage</goal>

</goals>

</execution>

</executions>

1. Also Create project from IDE

<bean id=”MyService” type=”com.example.MyService”>

Based on the classes available in the class path or based on properties on the properties file or based on resources available in the class path

<bean id=”entityManager” type=”org.springframework.data.JPAentityManager”>

url

password

DBname

</bean>