2 - Quick pickup of set up a SpringBoot App

1 Create a Standard Maven Project

2 make sure the Maven project has the following project structure:

```
springboot-hello
├── pom.xml
├── src
│   └── main
│       ├── java
│       └── resources
│               ├── application.yml
│               ├── logback-spring.xml
│               ├── static
│               └── templates
└── target
```

3 application.yml is the default configuration file of Spring Boot. It adopts YAML format instead of .properties format. The file name must be application.yml instead of other names.

4 import all the dependencies in "pom.xml"

```xml
1  <?xml version="1.0" encoding="UTF-8"?>
2  <project xmlns="http://maven.apache.org/POM/4.0.0"
3          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4          xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
   http://maven.apache.org/xsd/maven-4.0.0.xsd">
5      <modelVersion>4.0.0</modelVersion>
6      <packaging>pom</packaging>
7
8      <parent>
9          <groupId>org.springframework.boot</groupId>
10         <artifactId>spring-boot-starter-parent</artifactId>
11         <version>2.3.6.RELEASE</version>
12         <relativePath/>
13     </parent>
14
15     <groupId>com.luxbp</groupId>
16     <artifactId>DataEngineSwarm</artifactId>
17     <version>0.0.1-SNAPSHOT</version>
```

```xml
18
19     <properties>
20         <maven.compiler.source>8</maven.compiler.source>
21         <maven.compiler.target>8</maven.compiler.target>
22         <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
23         <maven.compiler.source>1.8</maven.compiler.source>
24         <maven.compiler.target>1.8</maven.compiler.target>
25         <junit.version>4.12</junit.version>
26         <java.version>8</java.version>
27     </properties>
28
29     <dependencies>
30         <!--Spring Boot Web-->
31         <dependency>
32             <groupId>org.springframework.boot</groupId>
33             <artifactId>spring-boot-starter-web</artifactId>
34         </dependency>
35         <!--Spring Boot test-->
36         <dependency>
37             <groupId>org.springframework.boot</groupId>
38             <artifactId>spring-boot-starter-test</artifactId>
39             <scope>test</scope>
40         </dependency>
41         <!--junit test-->
42         <dependency>
43             <groupId>junit</groupId>
44             <artifactId>junit</artifactId>
45             <version>4.12</version>
46         </dependency>
47         <!--mysql driver-->
48         <dependency>
49             <groupId>mysql</groupId>
50             <artifactId>mysql-connector-java</artifactId>
51             <version>5.1.49</version>
52         </dependency>
53         <!--logback log-->
54         <dependency>
55             <groupId>ch.qos.logback</groupId>
56             <artifactId>logback-core</artifactId>
57         </dependency>
58         <!--Integrate mybatis-->
59         <dependency>
60             <groupId>org.mybatis.spring.boot</groupId>
61             <artifactId>mybatis-spring-boot-starter</artifactId>
62             <version>2.2.0</version>
63         </dependency>
64     </dependencies>
65
66
67 </project>
```

4 add entry method under /src/main/java/<package_name>

```java
package com.luxbp;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.cloud.netflix.eureka.server.EnableEurekaServer;
@SpringBootApplication
public class MicroServiceCloudEureka7001Application {
    public static void main(String[] args) {
        SpringApplication.run(MicroServiceCloudEureka7001Application.class, args);
    }
}
```

5 Run!