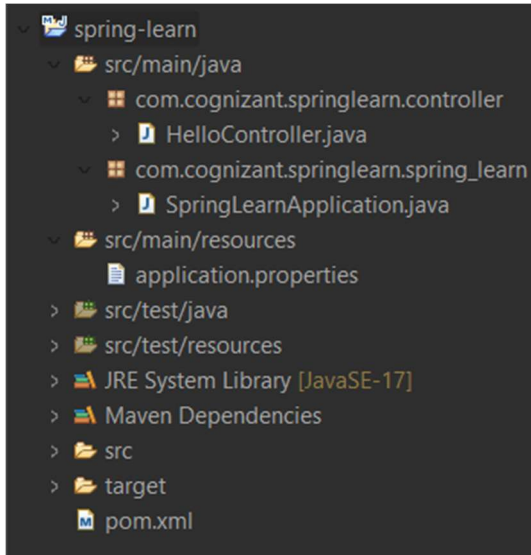


Hello World RESTful Web Service

Maven Project in Eclipse



Updated pom.xml with dependencies

```
https://maven.apache.org/xsd/maven-4.0.0.xsd (xsi:schemaLocation)
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
5          https://maven.apache.org/xsd/maven-4.0.0.xsd">
6    <modelVersion>4.0.0</modelVersion>
7    <parent>
8        <groupId>org.springframework.boot</groupId>
9        <artifactId>spring-boot-starter-parent</artifactId>
10       <version>3.1.5</version>
11       <relativePath/>
12    </parent>
13    <groupId>com.cognizant.springlearn</groupId>
14    <artifactId>spring-learn</artifactId>
15    <version>0.0.1-SNAPSHOT</version>
16    <name>spring-learn</name>
17    <description>Spring Boot Hello World</description>
18    <properties>
19        <java.version>17</java.version>
20    </properties>
21    <dependencies>
22        <dependency>
23            <groupId>org.springframework.boot</groupId>
24            <artifactId>spring-boot-starter-web</artifactId>
25        </dependency>
26    </dependencies>
27    <build>
28        <plugins>
29            <plugin>
30                <groupId>org.springframework.boot</groupId>
31                <artifactId>spring-boot-maven-plugin</artifactId>
32            </plugin>
33        </plugins>
34    </build>
35</project>
```

Added SpringLearnApplication.java

```
1 package com.cognizant.springlearn.spring_learn;
2
3 import org.springframework.boot.SpringApplication;
4 import org.springframework.boot.autoconfigure.SpringBootApplication;
5
6 @SpringBootApplication(scanBasePackages = "com.cognizant.springlearn")
7 public class SpringLearnApplication {
8     public static void main(String[] args) {
9         SpringApplication.run(SpringLearnApplication.class, args);
10    }
11 }
12 }
13
```

Created HelloController.java class

```
1 package com.cognizant.springlearn.controller;
2
3 import org.slf4j.Logger;
4 import org.slf4j.LoggerFactory;
5 import org.springframework.web.bind.annotation.GetMapping;
6 import org.springframework.web.bind.annotation.RestController;
7
8 @RestController
9 public class HelloController {
10
11     private static final Logger LOGGER = LoggerFactory.getLogger(HelloController.class);
12
13     @GetMapping("/hello")
14     public String sayHello() {
15         LOGGER.debug("START");
16         String message = "Hello World!!";
17         LOGGER.debug("END");
18         return message;
19     }
20 }
21
```

Created application.properties and updated with the local port number as 8085 to run

```
1 server.port=8085
2 logging.level.root=DEBUG
3
```

Runned the main() method and the required output has been received on 8085 port number the web page

