**Spring REST using Spring Boot**

**Handson 1 – Create a Spring Web Project using Maven**

**1. Downloaded spring starter JAR zip and extracted in Eclipse Workspace.**

**2. Walked through the aspects related to project**

**src/main/java**

* Contains all Java source code.
* Includes com.cognizant.spring\_learn package and SpringLearnApplication.java.

**src/main/resources**

* For application config files.
* Example: application.properties, .yml, XML configs, static files, templates.

**src/test/java**

* Contains unit and integration test classes.
* Mirrors the structure of src/main/java.

**SpringLearnApplication.java**

package com.cognizant.spring\_learn;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class SpringLearnApplication {

public static void main(String[] args) {

SpringApplication.run(SpringLearnApplication.class, args);

System.out.println("Application Started successfully");

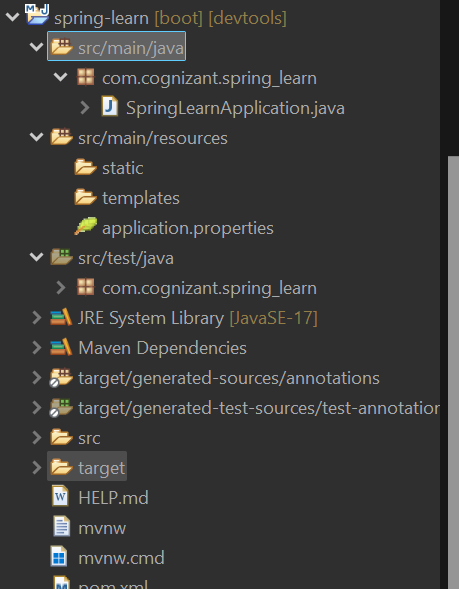
}

}

**@SpringBootApplication Annotation**

* + @Configuration - Configures Spring beans.
  + @EnableAutoConfiguration - Enables auto-config.
  + @ComponentScan - Scans com.cognizant.springlearn package and sub-packages for components.

**Folder Structure:**

****

**Dependency Hierarchy Tree:**

