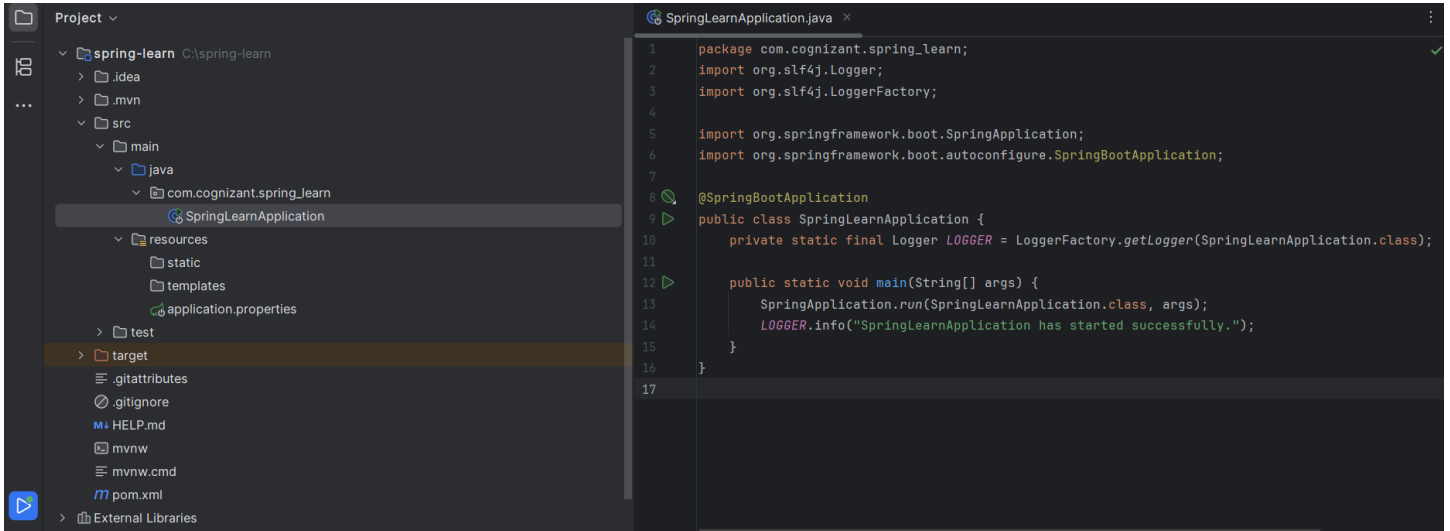


Week 4

Create a Spring Web Project using Maven

SpringLearnApplication.java



Before that,

The screenshot shows the Spring Initializr web form. The 'Project' section has 'Gradle - Maven' selected. The 'Language' section has 'Java' selected. The 'Spring Boot' section has '3.5.3' selected. The 'Project Metadata' section has the following values: Group: com.cognizant, Artifact: spring-learn, Name: spring-learn, Description: Demo project for Spring Boot, Package name: com.cognizant.spring-learn, Packaging: Jar, Java: 17. The 'Dependencies' section has 'Spring Web' and 'Spring Boot DevTools' selected. The 'GENERATE' button is highlighted.

Project

☐ Gradle - Groovy ☒ Gradle - Kotlin ☐ Maven

Language

☒ Java ☐ Kotlin ☐ Groovy

Spring Boot

☐ 4.0.0 (SNAPSHOT) ☐ 3.5.4 (SNAPSHOT) ☒ 3.5.3 ☐ 3.4.8 (SNAPSHOT) ☐ 3.4.7

Project Metadata

Group: com.cognizant

Artifact: spring-learn

Name: spring-learn

Description: Demo project for Spring Boot

Package name: com.cognizant.spring-learn

Packaging: ☒ Jar ☐ War

Java: ☐ 24 ☐ 21 ☒ 17

Dependencies

Spring Web **WEB**

Build web, including RESTful, applications using Spring MVC. Uses Apache Tomcat as the default embedded container.

Spring Boot DevTools **DEVELOPER TOOLS**

Provides fast application restarts, LiveReload, and configurations for enhanced development experience.

GENERATE CTRL + G **EXPLORE** CTRL + SPACE ...

Output:

```
Run SpringLearnApplication x
Console Beans Health Mappings Environment
(v3.5.3)
30 INFO 32036 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : Starting SpringLearnApplication using Java 17.0.15 with PID 32036 (C:\spring
30 INFO 32036 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : No active profile set, falling back to 1 default profile: "default"
30 INFO 32036 --- [spring-learn] [ restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : Devtools property defaults active! Set 'spring.devtools.add-properties' to '
30 INFO 32036 --- [spring-learn] [ restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : For additional web related logging consider setting the 'logging.level.web'
30 INFO 32036 --- [spring-learn] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
30 INFO 32036 --- [spring-learn] [ restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
30 INFO 32036 --- [spring-learn] [ restartedMain] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.42]
30 INFO 32036 --- [spring-learn] [ restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
30 INFO 32036 --- [spring-learn] [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 514 ms
30 INFO 32036 --- [spring-learn] [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729
30 INFO 32036 --- [spring-learn] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
30 INFO 32036 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : Started SpringLearnApplication in 1.037 seconds (process running for 1.362)
30 INFO 32036 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : SpringLearnApplication has started successfully.
```