

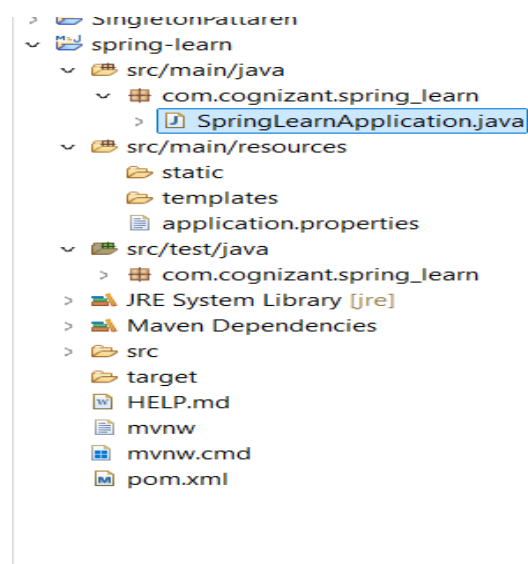
Create a Spring Web Project using Maven From file 1. spring-rest-handson

Creating a project in start Spring

The screenshot shows the Spring Initializr web application interface. On the left, there is a sidebar with a hamburger menu icon and a circular arrow icon. The main content area is divided into several sections:

- Project:** Includes radio buttons for "Gradle - Groovy", "Gradle - Kotlin", and "Maven" (which is selected).
- Language:** Includes radio buttons for "Java" (selected), "Kotlin", and "Groovy".
- Spring Boot:** Includes radio buttons for "4.0.0 (SNAPSHOT)", "3.5.4 (SNAPSHOT)", "3.5.3" (selected), "3.4.8 (SNAPSHOT)", and "3.4.7".
- Project Metadata:** Includes input fields for "Group" (com.cognizant), "Artifact" (spring-learn), "Name" (spring-learn), "Description" (Demo project for Spring Boot), and "Package name" (com.cognizant.spring-learn).
- Dependencies:** Includes a button "ADD DEPENDENCIES... CTRL + B" and two sections: "Spring Boot DevTools" (with a "DEVELOPER TOOLS" tag) and "Spring Web" (with a "WEB" tag).

Opening File in Eclipse:



SpringlearnApplication.java class:

```
package com.cognizant.spring_learn;
```

```

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.boot.SpringApplication;

import
org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class SpringLearnApplication {

    private static final Logger LOGGER =
LoggerFactory.getLogger(SpringLearnApplication.class);

    public static void main(String[] args) {

        LOGGER.info("STARTING SPRINGLEARN APPLICATION");

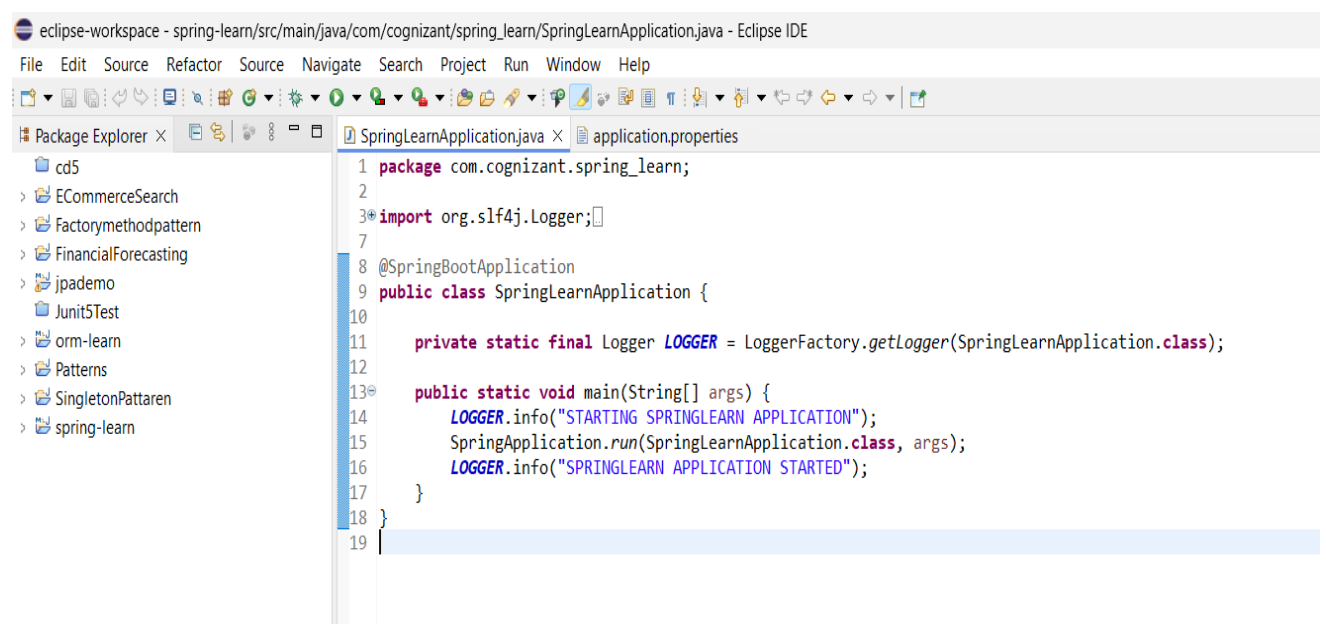
        SpringApplication.run(SpringLearnApplication.class, args);

        LOGGER.info("SPRINGLEARN APPLICATION STARTED");

    }

}

```



eclipse-workspace - spring-learn/src/main/java/com/cognizant/spring_learn/SpringLearnApplication.java - Eclipse IDE

File Edit Source Refactor Source Navigate Search Project Run Window Help

Package Explorer × SpringLearnApplication.java × application.properties

```

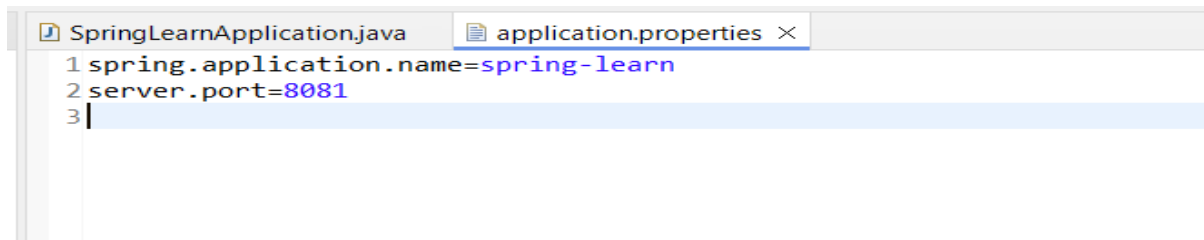
1 package com.cognizant.spring_learn;
2
3 import org.slf4j.Logger;
4
5
6
7
8 @SpringBootApplication
9 public class SpringLearnApplication {
10
11     private static final Logger LOGGER = LoggerFactory.getLogger(SpringLearnApplication.class);
12
13     public static void main(String[] args) {
14         LOGGER.info("STARTING SPRINGLEARN APPLICATION");
15         SpringApplication.run(SpringLearnApplication.class, args);
16         LOGGER.info("SPRINGLEARN APPLICATION STARTED");
17     }
18 }
19

```

Application.properties:

spring.application.name=spring-learn

server.port=8081



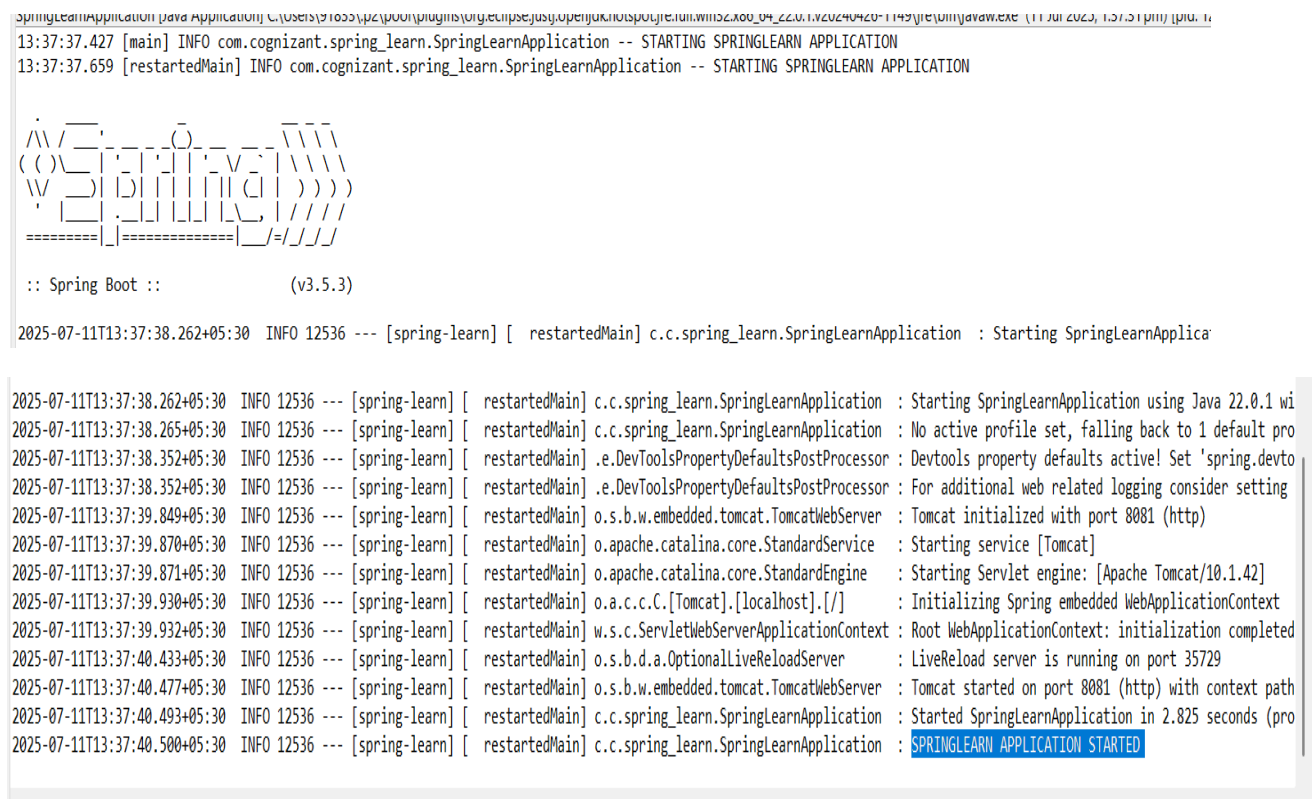
```
SpringLearnApplication.java  application.properties x
1 spring.application.name=spring-learn
2 server.port=8081
3 |
```

After Running the springlearnApplication.java :

Output:

SPRINGLEARN APPLICATION STARTED

Pic from Eclipse:



```
SpringLearnApplication.java Application[] C:\Users\pradip\Documents\workspace\spring-learn\spring-learn\src\main\java\com\cognizant\spring_learn\SpringLearnApplication.java (11 Jul 2025, 13:37:31 pm) [prod, i
13:37:37.427 [main] INFO com.cognizant.spring_learn.SpringLearnApplication -- STARTING SPRINGLEARN APPLICATION
13:37:37.659 [restartedMain] INFO com.cognizant.spring_learn.SpringLearnApplication -- STARTING SPRINGLEARN APPLICATION

:: Spring Boot ::                (v3.5.3)

2025-07-11T13:37:38.262+05:30 INFO 12536 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : Starting SpringLearnApplica
2025-07-11T13:37:38.262+05:30 INFO 12536 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : Starting SpringLearnApplication using Java 22.0.1 wi
2025-07-11T13:37:38.265+05:30 INFO 12536 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : No active profile set, falling back to 1 default pro
2025-07-11T13:37:38.352+05:30 INFO 12536 --- [spring-learn] [ restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : Devtools property defaults active! Set 'spring.devto
2025-07-11T13:37:38.352+05:30 INFO 12536 --- [spring-learn] [ restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : For additional web related logging consider setting
2025-07-11T13:37:39.849+05:30 INFO 12536 --- [spring-learn] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8081 (http)
2025-07-11T13:37:39.870+05:30 INFO 12536 --- [spring-learn] [ restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-07-11T13:37:39.871+05:30 INFO 12536 --- [spring-learn] [ restartedMain] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.42]
2025-07-11T13:37:39.930+05:30 INFO 12536 --- [spring-learn] [ restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2025-07-11T13:37:39.932+05:30 INFO 12536 --- [spring-learn] [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed
2025-07-11T13:37:40.433+05:30 INFO 12536 --- [spring-learn] [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729
2025-07-11T13:37:40.477+05:30 INFO 12536 --- [spring-learn] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8081 (http) with context path
2025-07-11T13:37:40.493+05:30 INFO 12536 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : Started SpringLearnApplication in 2.825 seconds (pro
2025-07-11T13:37:40.500+05:30 INFO 12536 --- [spring-learn] [ restartedMain] c.c.spring_learn.SpringLearnApplication : SPRINGLEARN APPLICATION STARTED
```