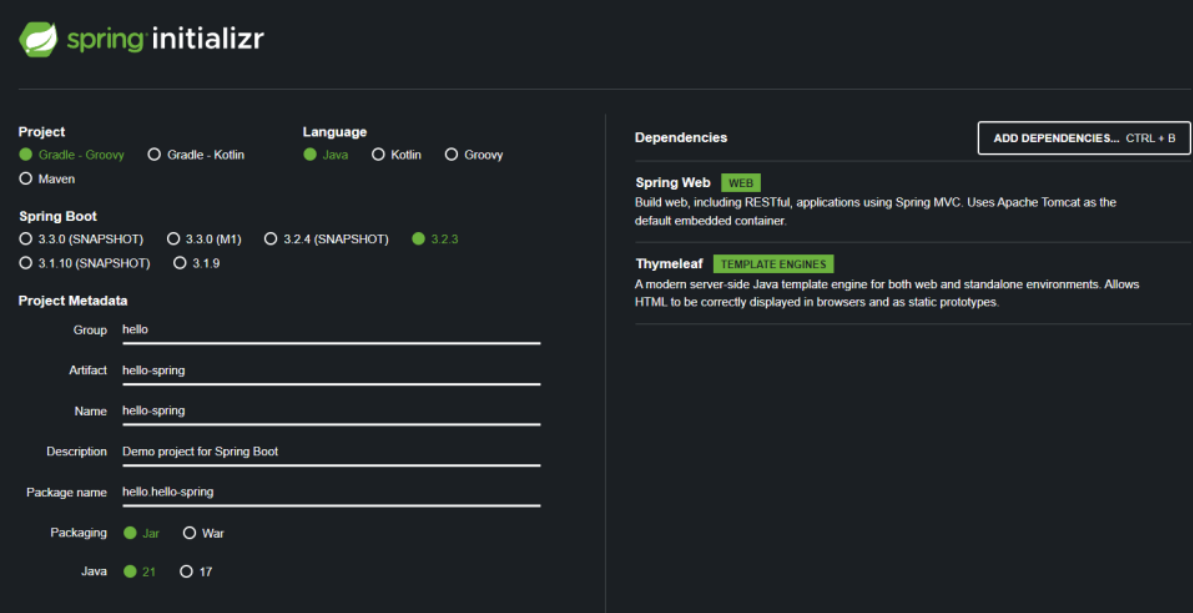


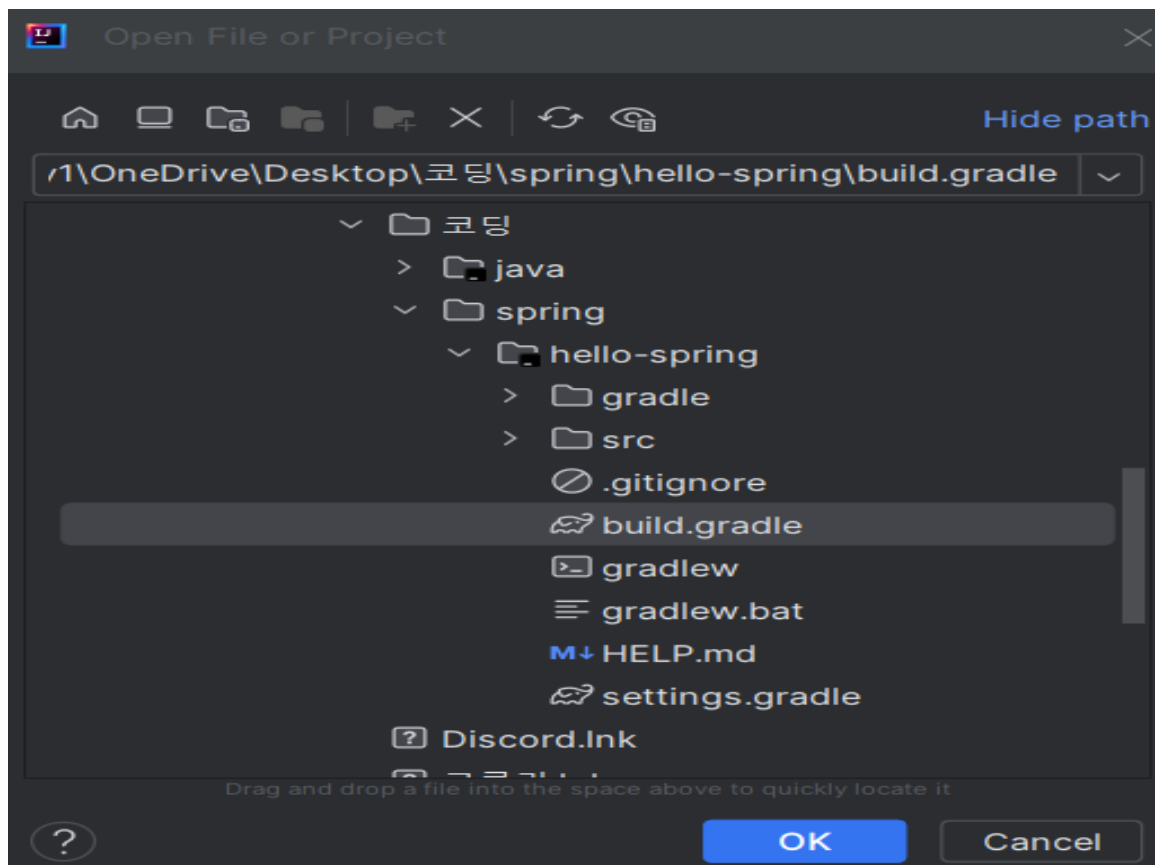
1. 자바 21 설치
2. 인텔리제이 설치
3. <https://start.spring.io/>

스프링 부트 스타터 사이트로 이동해서 스프링 프로젝트 생성

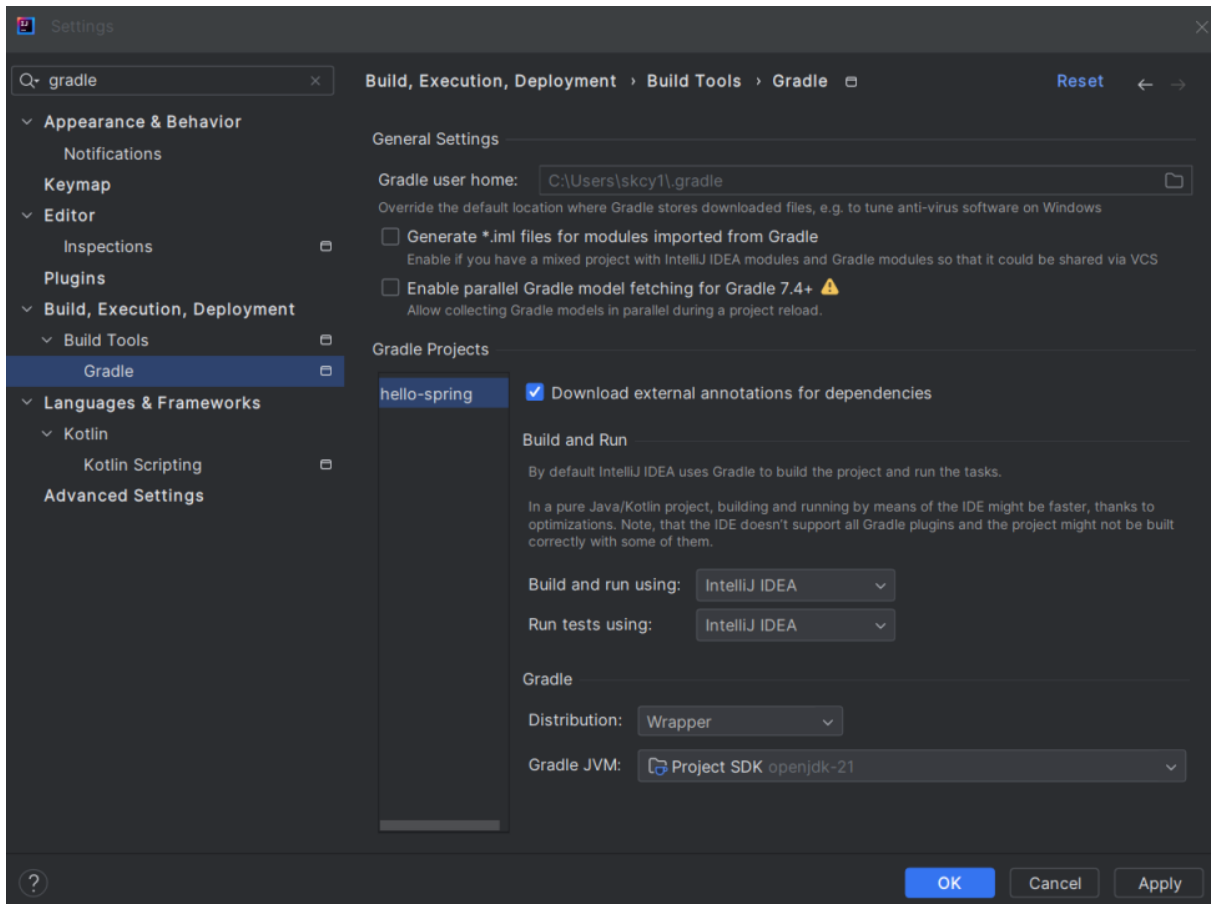


The image shows the Spring Initializr web form. It is divided into several sections: Project, Language, Spring Boot, Project Metadata, and Dependencies. The Project section has radio buttons for Gradle - Groovy (selected), Gradle - Kotlin, and Maven. The Language section has radio buttons for Java (selected), Kotlin, and Groovy. The Spring Boot section has radio buttons for 3.3.0 (SNAPSHOT), 3.3.0 (M1), 3.2.4 (SNAPSHOT), 3.2.3 (selected), 3.1.10 (SNAPSHOT), and 3.1.9. The Project Metadata section has input fields for Group (hello), Artifact (hello-spring), Name (hello-spring), Description (Demo project for Spring Boot), and Package name (hello.hello-spring). There are also radio buttons for Packaging (Jar selected, War) and Java (21 selected, 17). The Dependencies section has a button 'ADD DEPENDENCIES... CTRL + B' and two listed dependencies: Spring Web (WEB) and Thymeleaf (TEMPLATE ENGINES).

4. 실행하기

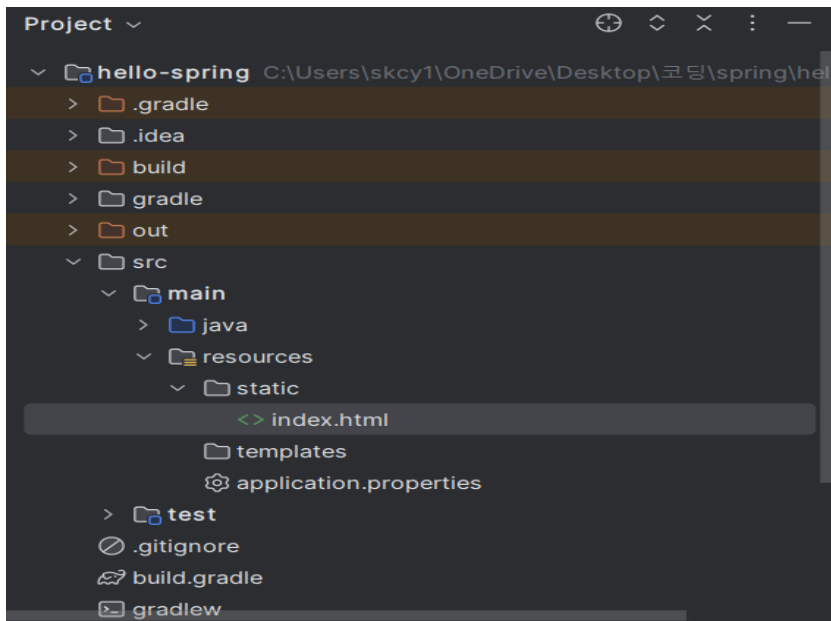


build.gradle 선택하고 오픈



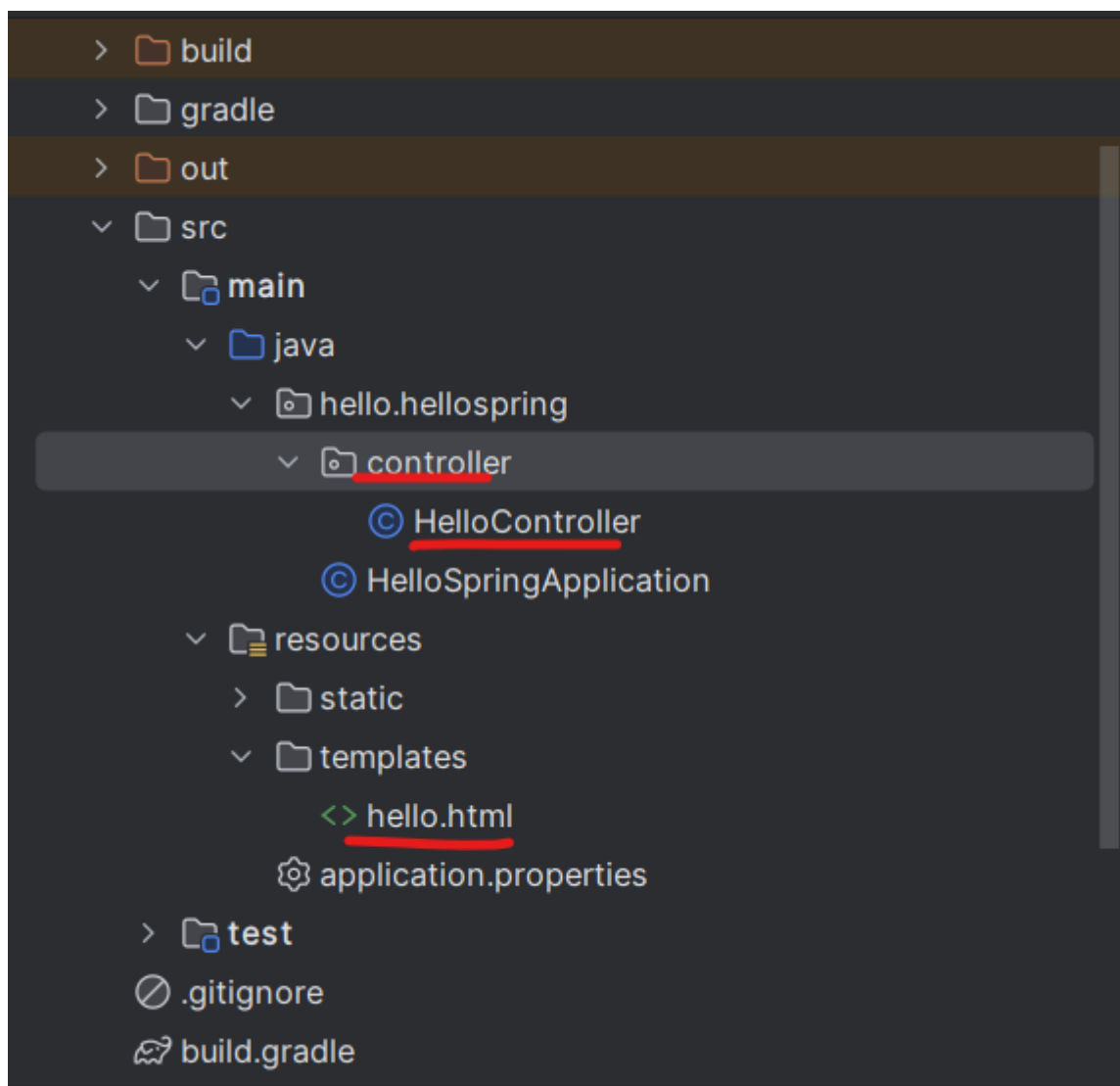
설정 들어가서 gradle 검색하고 IntelliJ IDEA로 둘 다 바꿔주기

5. view 환경설정



index.html 파일을 만들어 웰컴 페이지를 만들어주기

```
<!DOCTYPE HTML>
<html>
<head>
  <title>Hello</title>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
</head>
<body>
Hello
<a href="/hello">hello</a>
</body>
</html>
```



Controller, hello.html 파일을 만들어주기

```
package hello.hellospring.controller;

import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.GetMapping;

@Controller
public class HelloController {
    @GetMapping("hello")
    public String hello(Model model) {
        model.addAttribute("data", "hello!!");
        return "hello";
    }
}

<!DOCTYPE HTML>
<html xmlns:th="http://www.thymeleaf.org">
<head>
    <title>Hello</title>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"
/>
</head>
<body>
<p th:text="'안녕하세요. ' + ${data}" >안녕하세요. 손님</p>
</body>
</html>
```

6. 빌드하고 실행하기

```
C:\Users\skcy1\OneDrive\Desktop\코딩\spring\hello-spring>gradlew.bat
```

폴더 경로를 복사한 후 cd '파일 경로' 엔터 후 gradlew.bat 입력

```
Welcome to Gradle 8.5.

To run a build, run gradlew <task> ...

To see a list of available tasks, run gradlew tasks

To see more detail about a task, run gradlew help --task <task>

To see a list of command-line options, run gradlew --help

For more detail on using Gradle, see https://docs.gradle.org/8.5/userguide/command_line_interface.html

For troubleshooting, visit https://help.gradle.org

BUILD SUCCESSFUL in 1s
```

(이런 화면이 뜨면 빌드가 된 것)

```
C:\Users\skcy1\OneDrive\Desktop\코딩\spring\hello-spring\build\libs 디렉터리
2024-03-01 오후 09:25 <DIR> .
2024-03-01 오후 09:25 <DIR> ..
2024-03-01 오후 09:25          2,737 hello-spring-0.0.1-SNAPSHOT-plain.jar
2024-03-01 오후 09:25      21,289,428 hello-spring-0.0.1-SNAPSHOT.jar
                2개 파일          21,292,165 바이트
                2개 디렉터리 444,021,960,704 바이트 남음

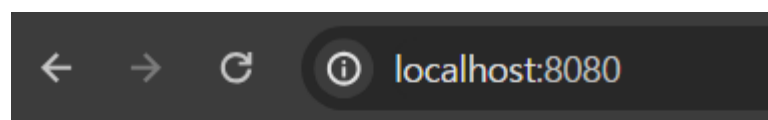
C:\Users\skcy1\OneDrive\Desktop\코딩\spring\hello-spring\build>
```

cd build, dir libs 치고 파일명 확인

```
C:\Users\skcy1\OneDrive\Desktop\코딩\spring\hello-spring\build>cd libs
C:\Users\skcy1\OneDrive\Desktop\코딩\spring\hello-spring\build\libs>java -jar hello-spring-0.0.1-SNAPSHOT.jar

  ____ _
 / ___ \| | | |
/ /   \| |_| |
\ \   /| | | |
 \___/\|_|_|_|
:: Spring Boot :: (v3.2.3)

2024-03-01T21:37:04.991+09:00 INFO 4464 --- [          main] h.hellospring.HelloSpringApplication : Starting
SpringApplication v0.0.1-SNAPSHOT using Java 21.0.2 with PID 4464 (C:\Users\skcy1\OneDrive\Desktop\코딩\spring\h
ello-spring\build\libs\hello-spring-0.0.1-SNAPSHOT.jar started by skcy1 in C:\Users\skcy1\OneDrive\Desktop\코딩\spring\
hello-spring\build\libs)
2024-03-01T21:37:04.996+09:00 INFO 4464 --- [          main] h.hellospring.HelloSpringApplication : No activ
```



Hello [hello](#)

cd libs 치고 java -jar hello-spring-0.0.1-SNAPSHOT.jar 쳐서 스프링 부트 되는지 확인
(인텔리제이 서버는 끌 것)