

프로젝트 생성

Spring Initializr

start.spring.io

지도 뉴스 번역 즐겨찾기 myapp 초기화면 Gmail 명품 웹 프로그래밍 H2 콘솔 초기화면2

☰

spring initializr

Project

☐ Maven Project

☒ Gradle Project

Language

☒ Java

☐ Kotlin

☐ Groovy

Spring Boot

☐ 3.0.0 (SNAPSHOT)

☐ 3.0.0 (M4)

☐ 2.7.4 (SNAPSHOT)

☒ 2.7.3

☐ 2.6.12 (SNAPSHOT)

☐ 2.6.11

Project Metadata

Group

com.kh

Artifact

myapp1

Name

myapp1

Description

Demo project for Spring Boot

Package name

com.kh.myapp1

Packaging

☒ Jar

☐ War

Java

☐ 18

☐ 17

☒ 11

☐ 8

validation

+

Dependencies

ADD DEPENDENCIES... CTRL + B

Spring Boot DevTools

DEVELOPER TOOLS

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

Lombok

DEVELOPER TOOLS

Java annotation library which helps to reduce boilerplate code.

Spring Web

WEB

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

Thymeleaf

TEMPLATE ENGINES

A modern server-side Java template engine for both web and standalone environments. Allows HTML to be correctly displayed in browsers and as static prototypes.

Spring Data JPA

SQL

Persist data in SQL stores with Java Persistence API using Spring Data and Hibernate.

Oracle Driver

SQL

A JDBC driver that provides access to Oracle.

GENERATE

CTRL + G

EXPLORE

CTRL + SPACE

SHARE...

DB연결 설정

➤ D:\javaedu9\project\myapp1\src\main\resources\application.properties

#server

server.port:9080

#Database

spring.datasource.driver-class-name=oracle.jdbc.driver.OracleDriver

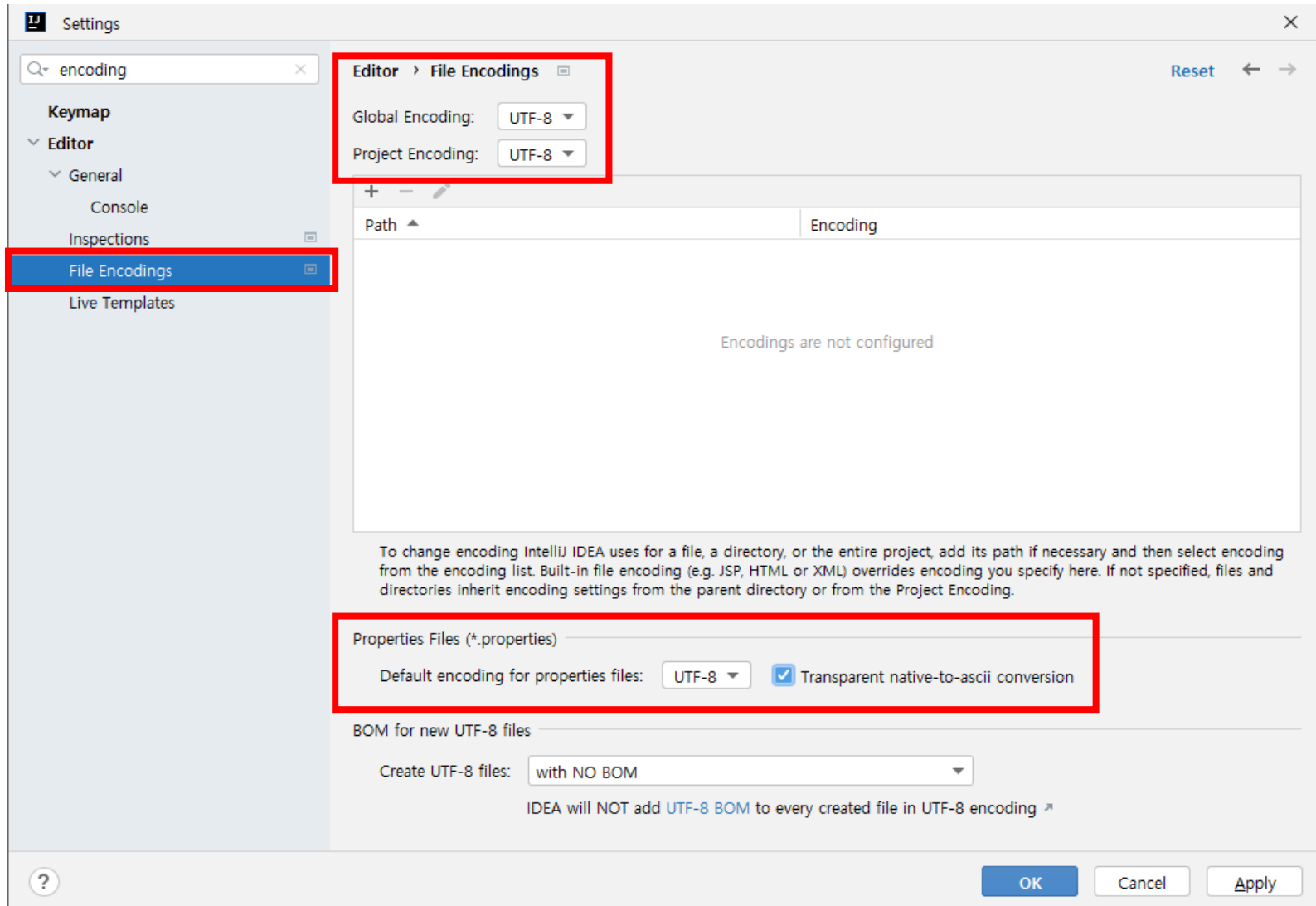
spring.datasource.url=jdbc:oracle:thin:@localhost:1521/xe

spring.datasource.username=c##springboot

spring.datasource.password=springboot1234

인텔리제이 환경설정

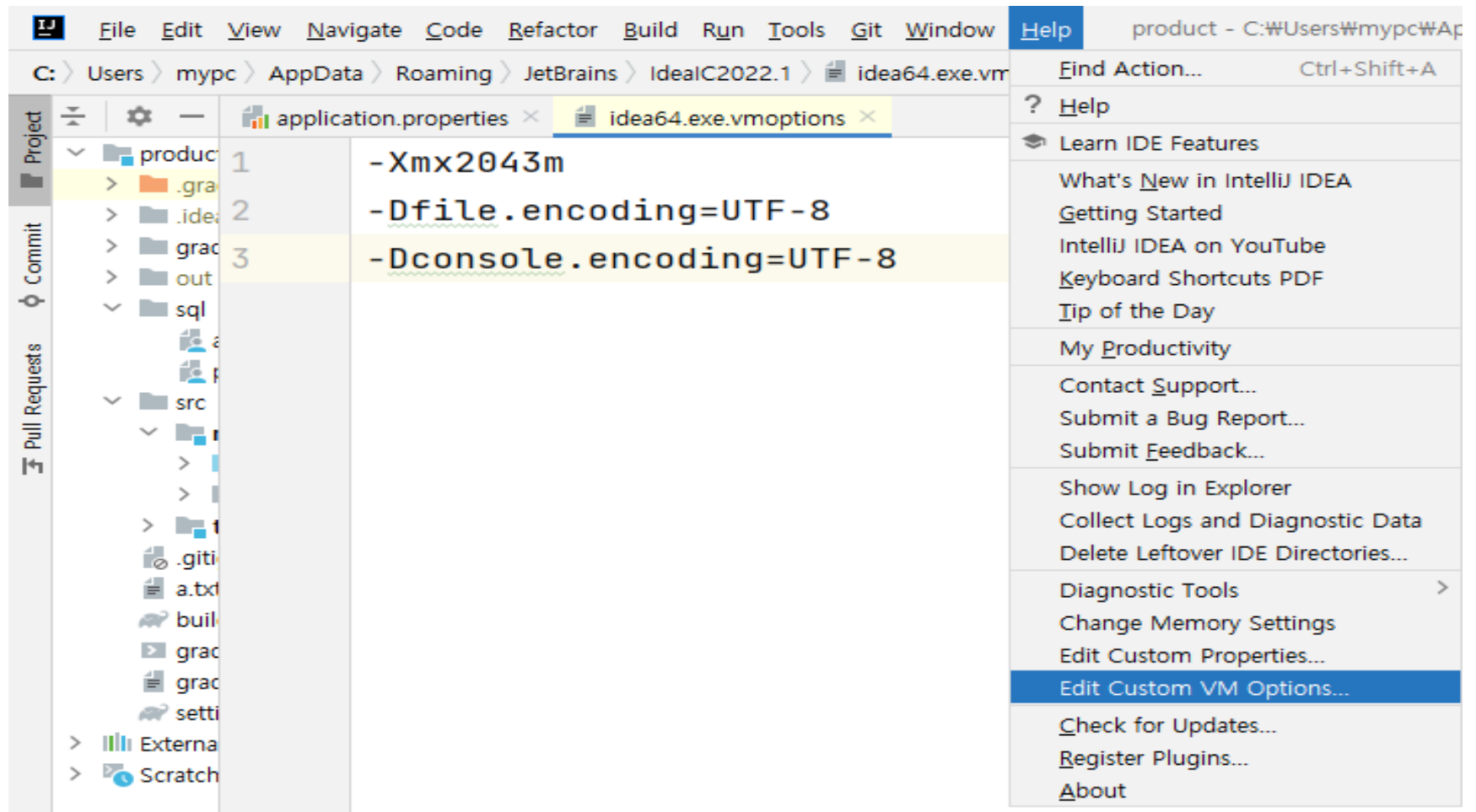
➤ Editor – File Encoding



Help>Edit Custom VM Options..

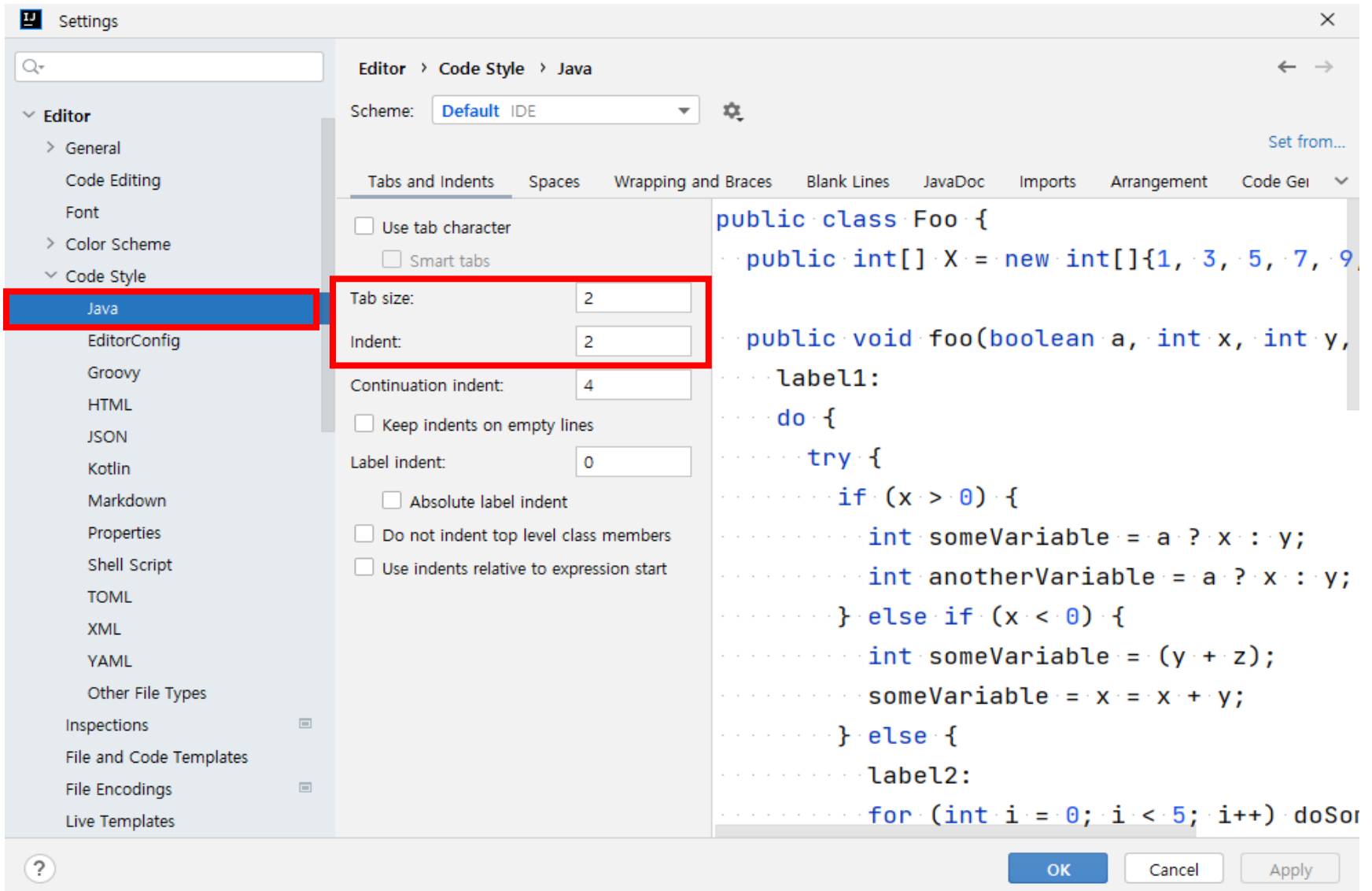
➤ 인코딩 추가 설정

- ✓ -Dfile.encoding=UTF-8
- ✓ -Dconsole.encoding=UTF-8



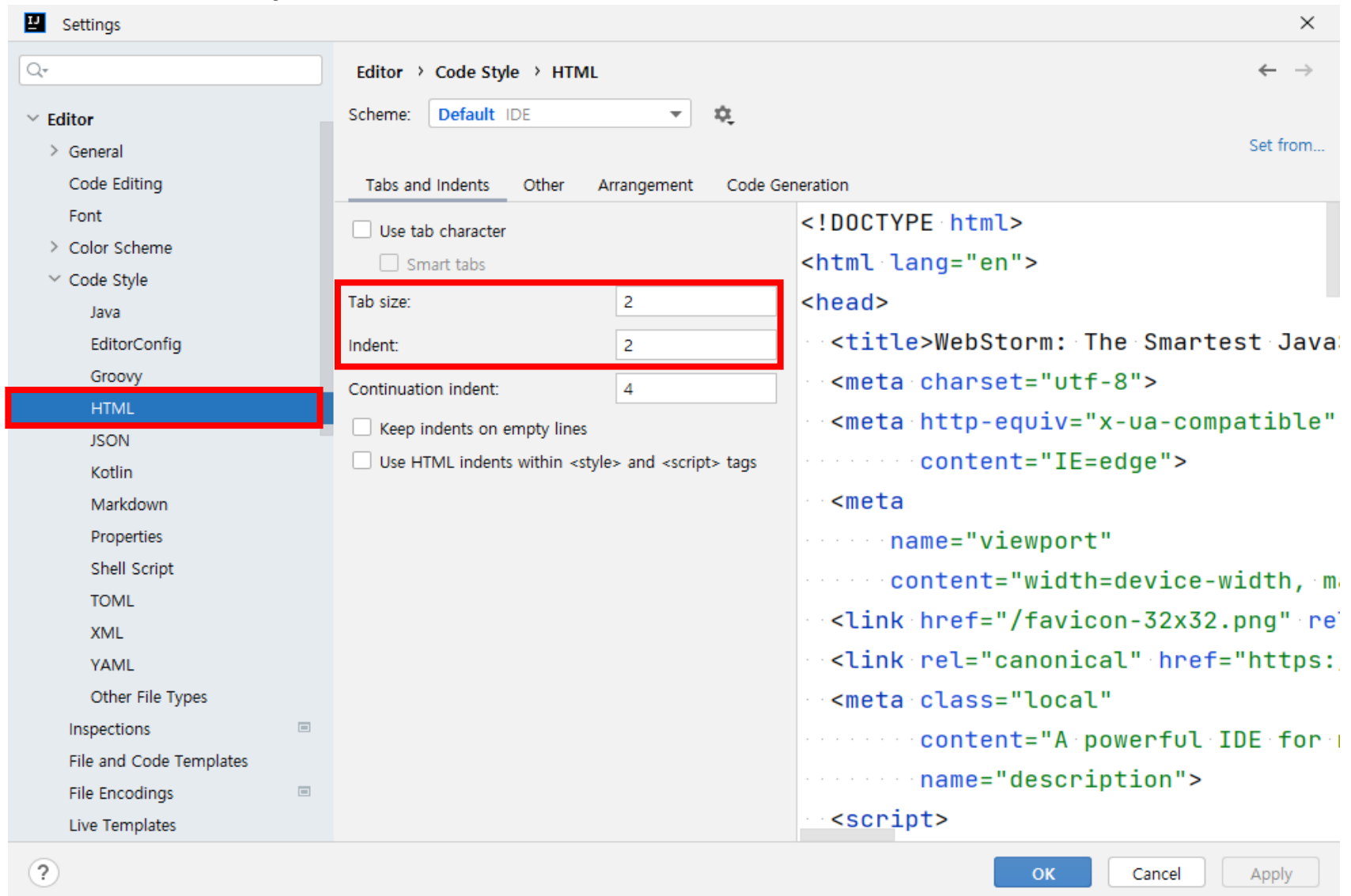
인텔리제이 환경설정

➤ Editor – code style java



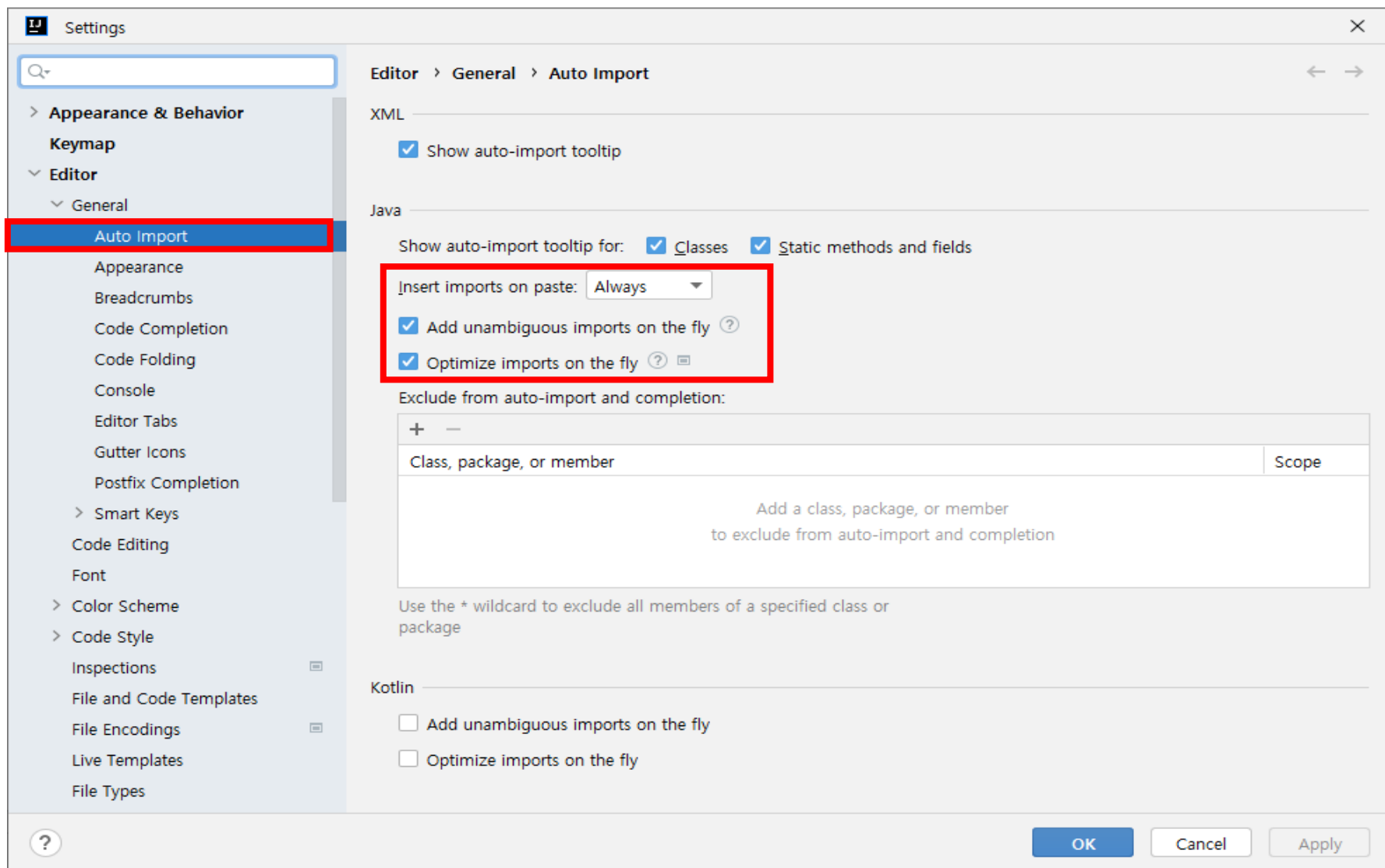
인텔리제이 환경설정

➤ Editor – code style html



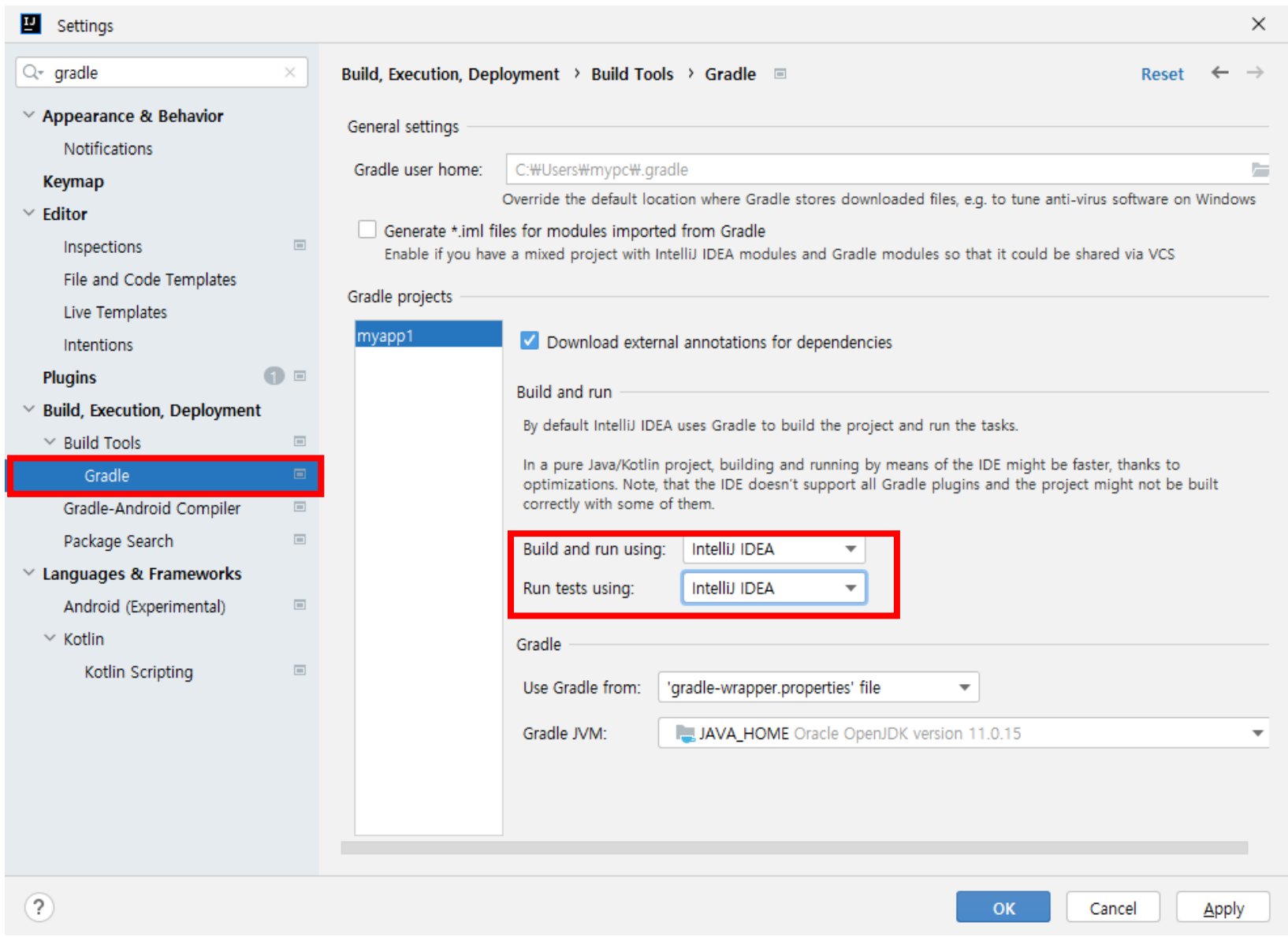
인텔리제이 환경설정

➤ Editor – import 자동 추가 삭제



인텔리제이 환경설정

➤ 프로젝트 빌드할때 IntelliJ IDEA사용



인텔리제이 환경설정

➤ compiler 컴파일시 자동 빌드

Settings

Build, Execution, Deployment > Compiler

Resource patterns: `!?.java;!?.form;!?.class;!?.groovy;!?.scala;!?.flex;!?.kt;!?.clj;!?.aj`

Use ; to separate patterns and ! to negate a pattern. Accepted wildcards: ? — exactly one symbol; * — zero or more symbols; / — path separator; /**/ — any number of directories; <dir_name>:<pattern> — restrict to source roots with the specified name

- ☒ Clear output directory on rebuild
- ☒ Add runtime assertions for notnull-annotated methods and parameters [Configure annotations...](#)
- ☒ Automatically show first error in editor
- ☒ Display notification on build completion
- ☒ Build project automatically (only works while not running / debugging)
- ☐ Compile independent modules in parallel (may require larger heap size)
- ☒ Rebuild module on dependency change

Shared build process heap size (Mbytes):

Shared build process VM options:

User-local build process heap size (Mbytes) (overrides Shared size):

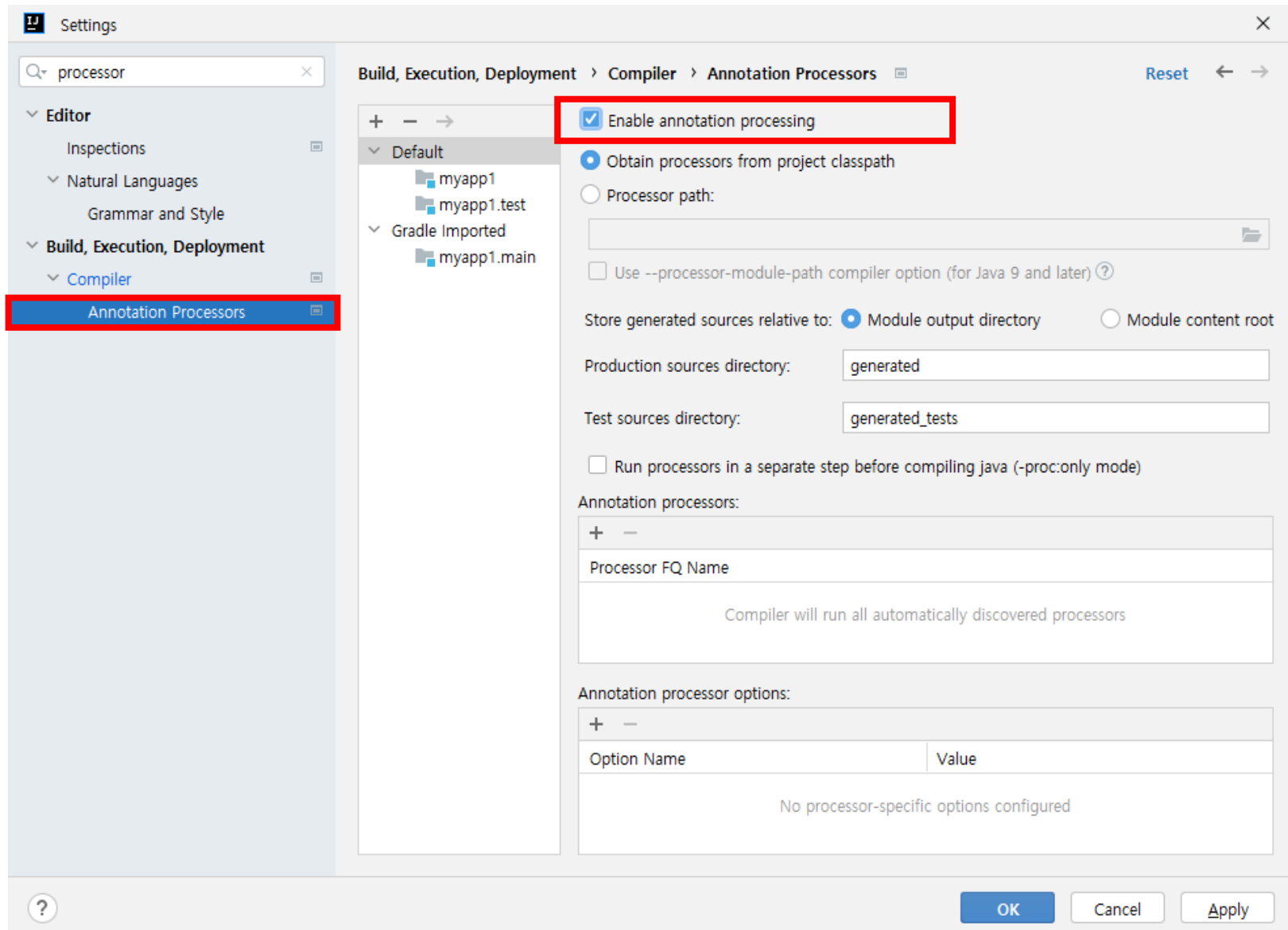
User-local build process VM options (overrides Shared options):

WARNING!
If option 'Clear output directory on rebuild' is enabled, the entire contents of directories where generated sources are stored WILL BE CLEARED on rebuild.

OK Cancel Apply

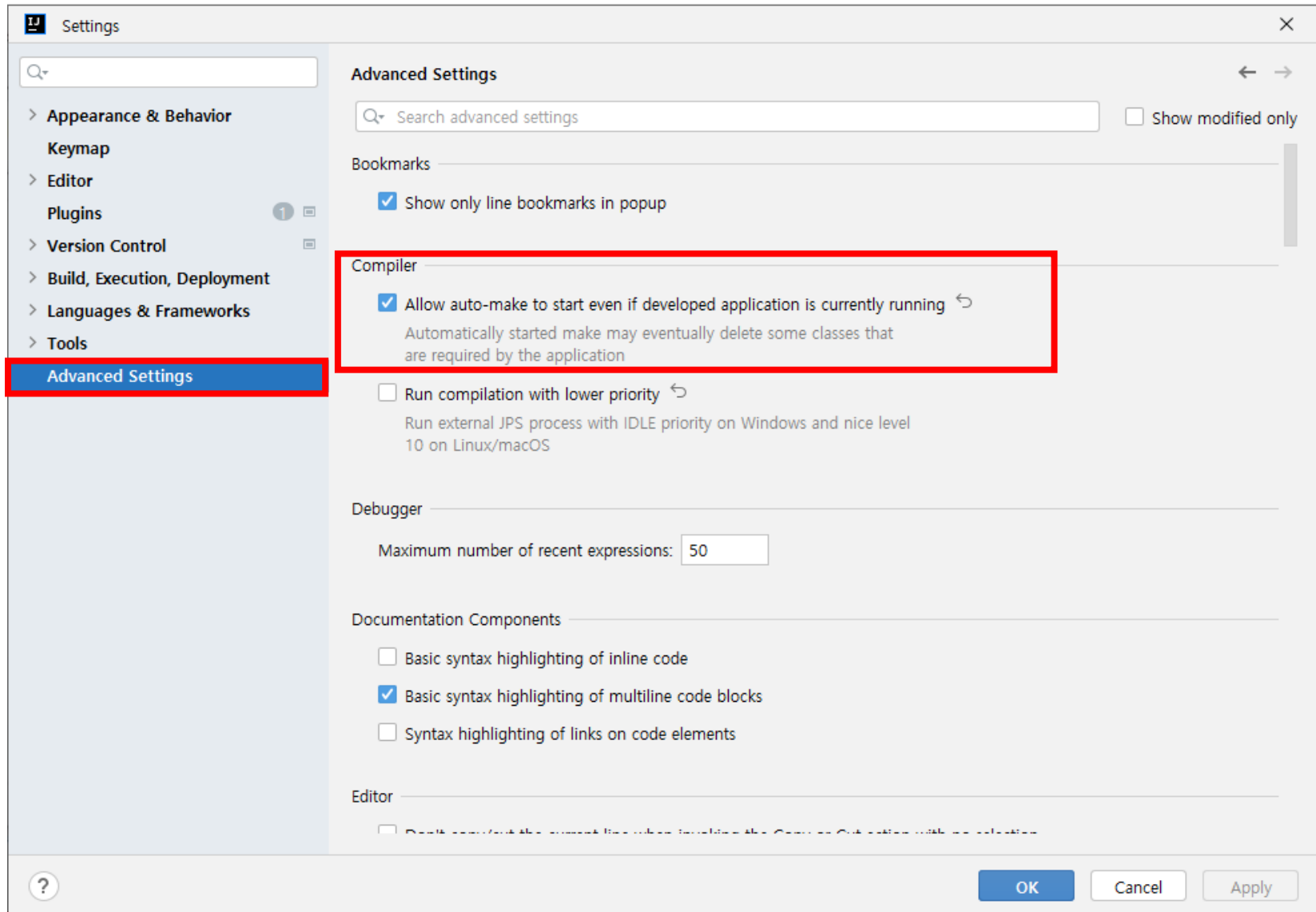
인텔리제이 환경설정

➤ compiler : Annotation 활성화

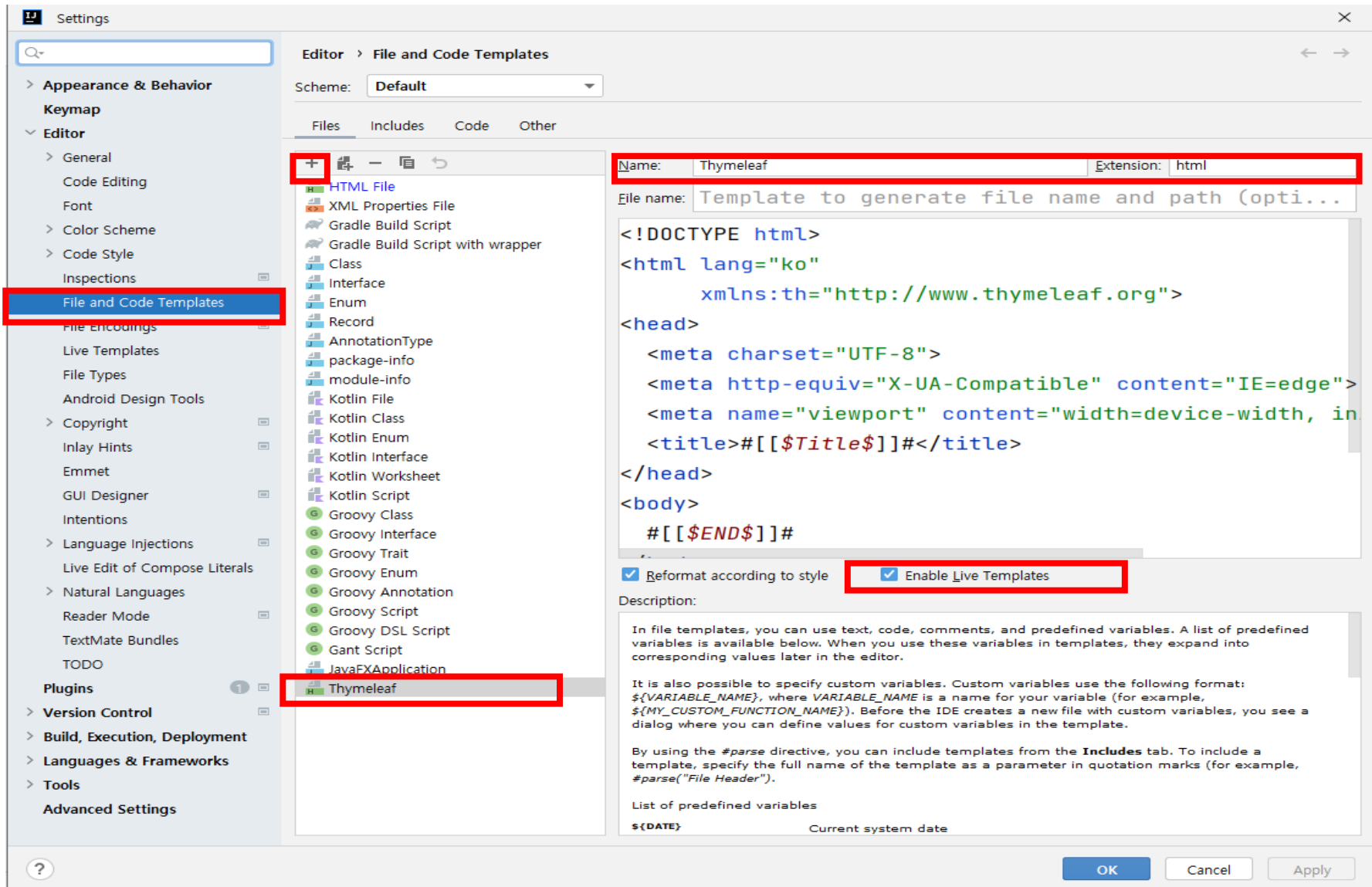


인텔리제이 환경설정

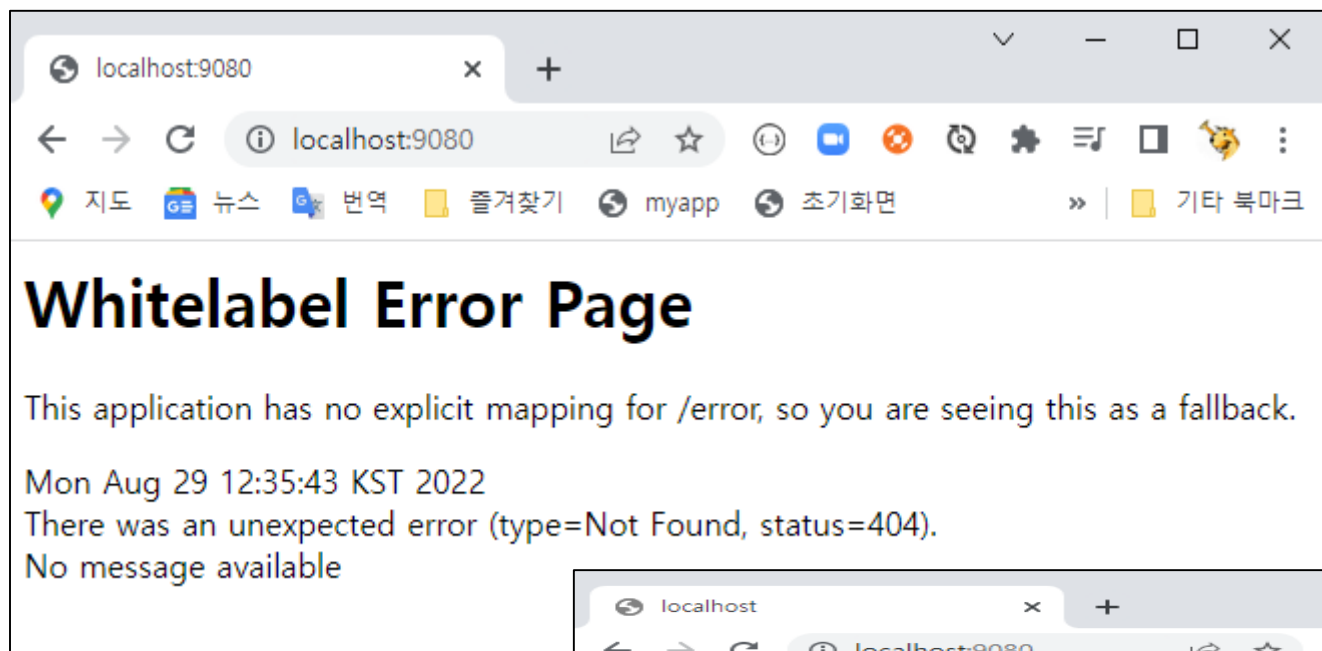
➤ compiler advanced Settings



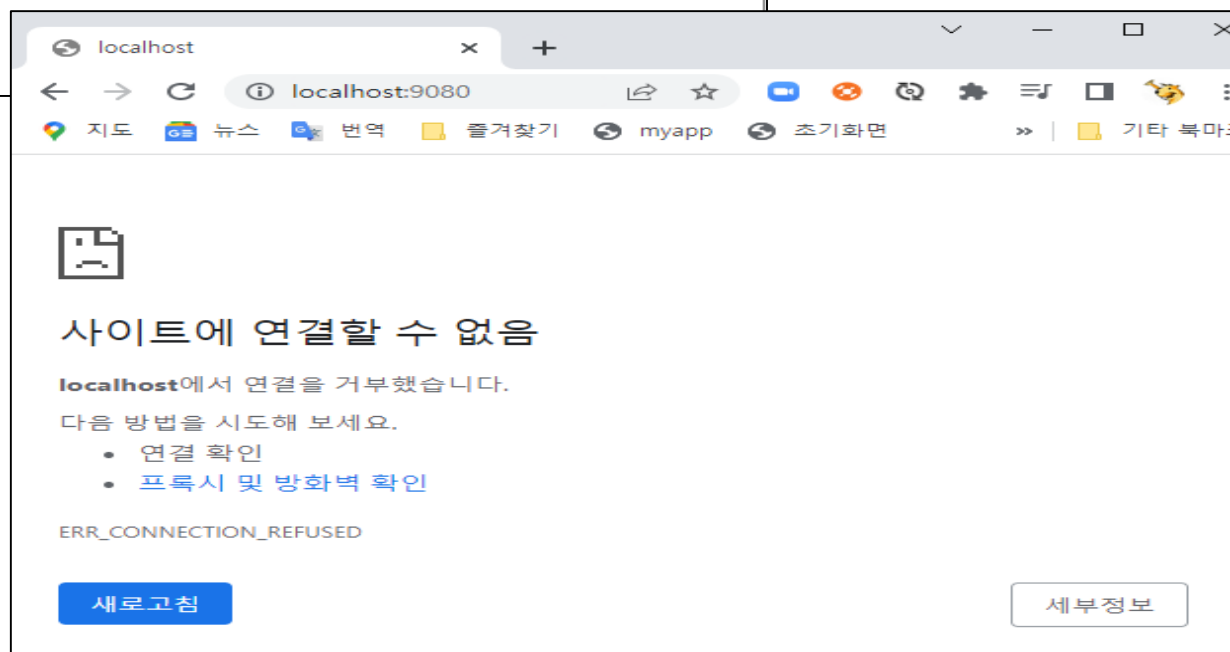
➤ Thymeleaf 템플릿 파일 추가



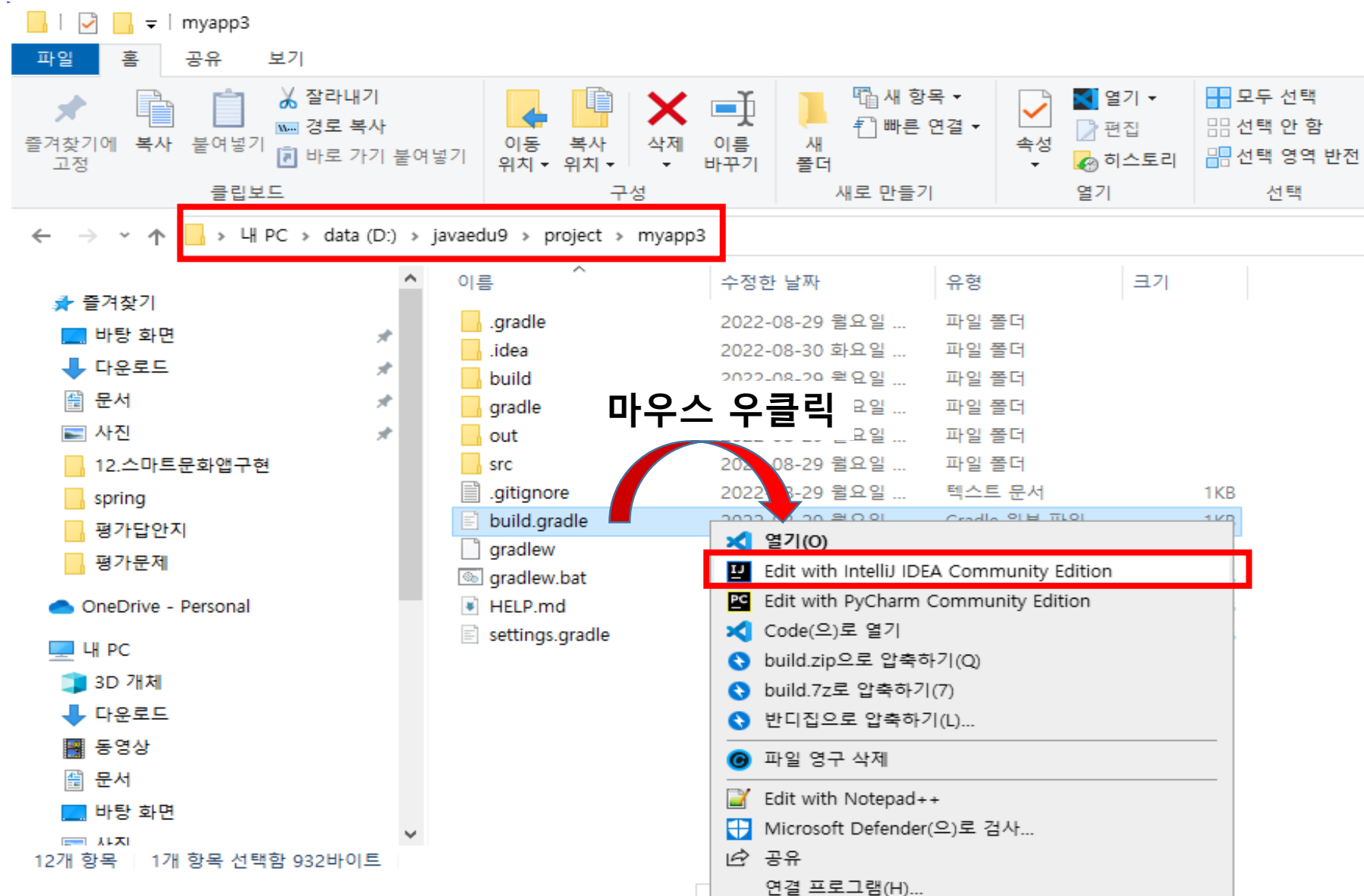
➤ 성공시




➤ 실패시






인텔리제이에서 build.gradle 파일 열기



Github 저장소 만들기-1





[Pulls](#) [Issues](#) [Marketplace](#) [Explore](#)





Recent Repositories


New


 sang105kr/app3


 sang105kr/myprj

 sang105kr/javastudy9

 sang105kr/javastudy8

 sang105kr/webstandard8

 sang105kr/SQL8


 sang105kr/ajax

[Show more](#)

Recent activity



When you take actions across GitHub, we'll provide links to that activity here.



Following [For you](#) Beta


 ggong00 starred sang105kr/react-native-todo 5 days ago

sang105kr/react-native-todo

react-native-todo



 JavaScript  1 Updated Aug 25



 Star 


 JessiLingard forked JessiLingard/react-native-todo from sang105kr/react-native-todo 5 days ago

sang105kr/react-native-todo

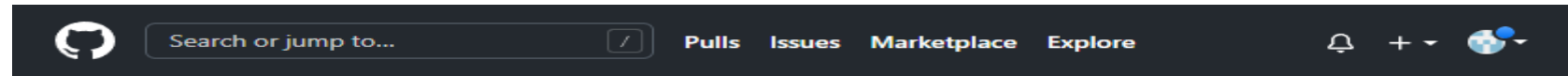
react-native-todo

 JavaScript  1 Updated Aug 25

 Star 

 sungbin94 started following you 13 days ago


Github 저장소 만들기-2



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *

 sang105kr ▾

Repository name *

myapp3 ✓


Great repository names are short and memorable. Need inspiration? How about [literate-guide](#)?

Description (optional)

myapp3

☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

☐ **Add a README file**

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None ▾

Choose a license


A license tells others what they can and can't do with your code. [Learn more.](#)

License: None ▾




 You are creating a public repository in your personal account.


Create repository

Github 저장소 만들기-3



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 **sang105kr / myapp3** Public

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[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)


Quick setup — if you've done this kind of thing before

[Set up in Desktop](#) or [HTTPS](#) [SSH](#) 

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).


...or create a new repository on the command line

```
echo "# myapp3" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/sang105kr/myapp3.git
git push -u origin main
```



...or push an existing repository from the command line

```
git remote add origin https://github.com/sang105kr/myapp3.git
git branch -M main
git push -u origin main
```



...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

[Import code](#)

 **ProTip!** Use the URL for this page when adding GitHub as a remote.

Github 연동

➤ 저장소만들기

- ✓ `git init`

➤ 마스터브랜치 명을 main으로 변경

- ✓ `git branch -M main`

➤ 버전 만들기(unstaged->staged->commit)

- ✓ `git add .`

- ✓ `git commit -m '초기버전'`

➤ 원격저장소를 원격에 등록하기

- ✓ `git remote -v`

- ✓ `git remote add origin https://github.com/sang105kr/myapp3.git`

- ✓ `git remote -v`

➤ 원격저장소에 main브랜치 push하기

- ✓ `git push -u origin main` (처음 push할때만,, 이후 `git push`)

Github 연동

➤ 원격저장소 로컬로 복제하기

✓ git clone <https://github.com/sang105kr/myapp3.git>