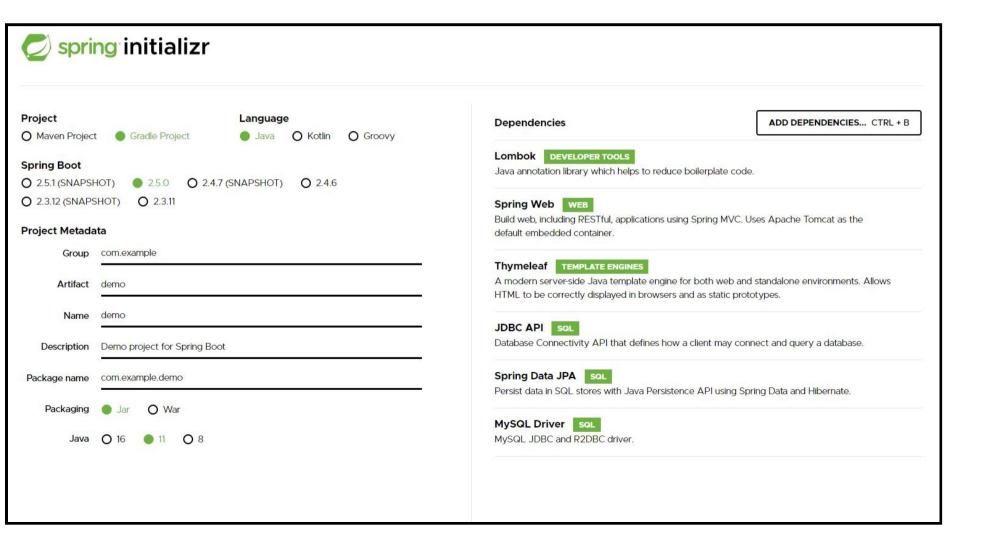
## 2021.06.10 HTML/JS/CSS

## 《HTML 시작 전 SETTING》

전체적인 흐름만 가져가고

정확한 개념은 나중에 설명 듣고 다시 정리 (2021.06.10 기본설정.pdf랑 같이 보면 좋을듯)



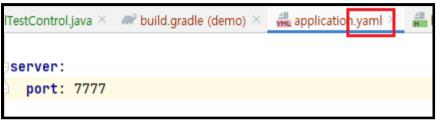
```
HtmlTestControl.java × 🔎 build.gradle (demo) × 🚚 application.yaml × 🔒 htmlhi.html × 😅 DemoApplication.java ×
    package com.example.demo.controller;
    import lombok.extern.slf4j.Slf4j;
    import org.slf4j.Logger;
    import org.slf4j.LoggerFactory;
    import org.springframework.stereotype.Controller;
    import org.springframework.web.bind.annotation.GetMapping;
    @Slf4j
    @Controller
    public class HtmlTestControl {
        //HtmlTestController가 제어하는 요소를 디버깅하도록 서포트하는 객체체
       // static final Logger log = LoggerFactory.getLogger(HtmlTestControl.class);
        @GetMapping("/")
        public String firstINdex(){
           // 위에 Logger 사용하는 방식은 Lombok이 없을 경우 사용함
           // 그래서 이클립스에서는 상당히 불편하게 구성해야하는데에 비해
           // 여기서는 맨 위쪽의 @Slf4j를 추가함으로써 위의
           // static final Logger log = LoggerFactory.getLogger(HtmlTestControl.class); 파트를 적어줄 필요가 없어짐
            log.info("firstIndex() 실행");
            return "htmlHi";
```

```
estControl.java × 🔊 build.gradle (demo) ×
plugins {
    id 'org.springframework.boot' version '2.5.0'
    id 'io.spring.dependency-management' version '1.0.11.RELEASE'
    id 'java'
group = 'com.example'
version = '0.0.1-SNAPSHOT'
sourceCompatibility = '11'
configurations {
    compileOnly {
        extendsFrom annotationProcessor
repositories {
    mavenCentral()
                            ipa 설정 안 해둬서 주석안 달면error(안 깐 것 아님)
dependencies {
    implementation 'org.springframework.boot:spring-boot-starter-data-jpa'
    implementation 'org.springframework.boot:spring-boot-starter-jdbc'
    implementation 'org.springframework.boot:spring-boot-starter-thymeleaf'
    implementation 'org.springframework.boot:spring-boot-starter-web'
    compileOnly 'org.projectlombok:lombok'
    runtimeOnly 'mysql:mysql-connector-java'
    annotationProcessor 'org.projectlombok:lombok'
    testImplementation 'org.springframework.boot:spring-boot-starter-test'
test {
    useJUnitPlatform()
```

나는 java 16 version 쓰는데 spring initializer에서 setting한 11로 그대로 두고 집행.

jpa깔기 전까지 여기 주석 필수 ((( jpa 안 깐게 아니라 설정을 안 해둔 것 src/main/resources/application.properties ) application.yaml로 바뀌줘야 하는데 이유는 나중에 설명들고 update할 것.

›› 2021.06.11.pdf에 정리



FestControl.java × 🔎 build.gradle (demo) × 楄 application.yaml × 🔒 htmlhi.html × <!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <title>첫 번째 테스트 파일 입니다.</title> </head> <body> <h1> HTML5/CSS3</h1> <h2>React/Vue/Svelte</h2> <h3>JPA</h3> <h4>ASP.NET</h4> <h5>Web Assembly</h5> G00D </body> </html>

HTML 부분.

```
package com.example.demo;
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class DemoApplication {
    public static void main(String[] args) { SpringApplication.run(DemoApplication.class, args); }
```

위에처럼 setting 하고 DemoApplication.java에서 run 하면

```
ИΗ
오후 11:49:35: Executing task 'DemoApplication.main()'...
                                                                                                                                                                                        구동됨
Starting Gradle Daemon...
Gradle Daemon started in 1 s 732 ms
> Task :compileJava
> Task :processResources UP-TO-DATE
> Task :classes
> Task :DemoApplication.main()
 ( ( ) \__ | '_ | '_ | | '_ \/ _` | \ \ \ \
 \\/ ___)||_)|||||||(_|| ) ) ) )
 ' |---| .--|-| |-|-| |-\--, | / / /
 ======|_|======|__/=/_/_/
:: Spring Boot ::
                                 (v2.5.0)
                                                                                                                                                                                      s\javascript\JuhyungLee\demo)
2021-06-10 23:49:49.870 INFO 30236 --- [
                                                  main] com.example.demo.DemoApplication
                                                                                                : Starting DemoApplication using Java 16 on DESKTOP-VVE1E8K with PID 30 (D:\java_work
2021-06-10 23:49:49.877 INFO 30236 --- [
                                                  main] com.example.demo.DemoApplication
                                                                                                : No active profile set, falling back to default profiles: default
2021-06-10 23:49:50.759 INFO 30236 --- [
                                                  main] o.s.b.w.embedded.tomcat.TomcatWebServer
                                                                                               : Tomcat initialized with port(s): 7777 (http)
2021-06-10 23:49:50.768 INFO 30236 --- [
                                                  main] o.apache.catalina.core.StandardService
                                                                                                : Starting service [Tomcat]
2021-06-10 23:49:50.769 INFO 30236 --- [
                                                  main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.46]
2021-06-10 23:49:50.860 INFO 30236 --- [
                                                  main] o.a.c.c.C.[Tomcat].[localhost].[/]
                                                                                                : Initializing Spring embedded WebApplicationContext
2021-06-10 23:49:50.861 INFO 30236 --- [
                                                  main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 939 ms
2021-06-10 23:49:51.200 INFO 30236 --- [
                                                  main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 7777 (http) with context path ''
2021-06-10 23:49:51.208 INFO 30236 --- [
                                                  main] com.example.demo.DemoApplication
                                                                                                : Started DemoApplication in 1.735 seconds (JVM running for 2.076)
2021-06-10 23:49:51.209 INFO 30236 --- [
                                                  main] o.s.b.a.ApplicationAvailabilityBean
                                                                                                : Application availability state LivenessState changed to CORRECT
2021-06-10 23:49:51.211 INFO 30236 --- [
                                                  main] o.s.b.a.ApplicationAvailabilityBean
                                                                                                : Application availability state ReadinessState changed to ACCEPTING_TRAFFIC
                                                     1] o.a.c.c.C.[Tomcat].[localhost].[/]
                                                                                                : Initializing Spring DispatcherServlet 'dispatcherServlet'
2021-06-10 23:49:59.724 INFO 30236 --- [n
2021-06-10 23:49:59.724 INFO 30236 --- [ni
                                                     1] o.s.web.servlet.DispatcherServlet
                                                                                                : Initializing Servlet 'dispatcherServlet'
                                                     1 o.s.web.servlet.DispatcherServlet
2021-06-10 23:49:59.725 INFO 30236 --- [ni
                                                                                                : Completed initialization in 1 ms
2021-06-10 23:49:59.746 INFO 30236 --- [n
                                                     1] c.e.demo.controller.HtmlTestControl
                                                                                                : firstIndex() ����
```



서버 구동시키면 내가 만들어 놓은 html page를 볼 수 있음