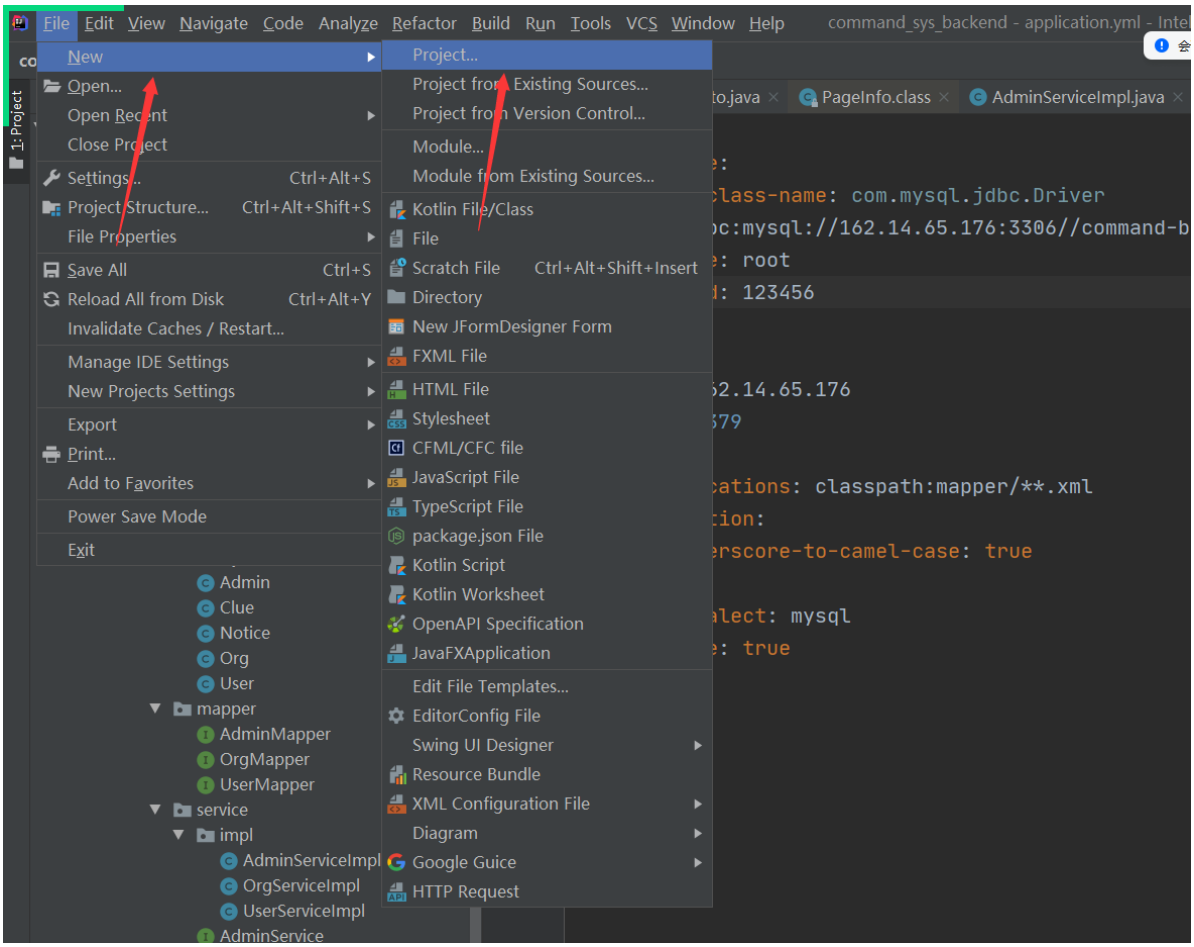
实训day1

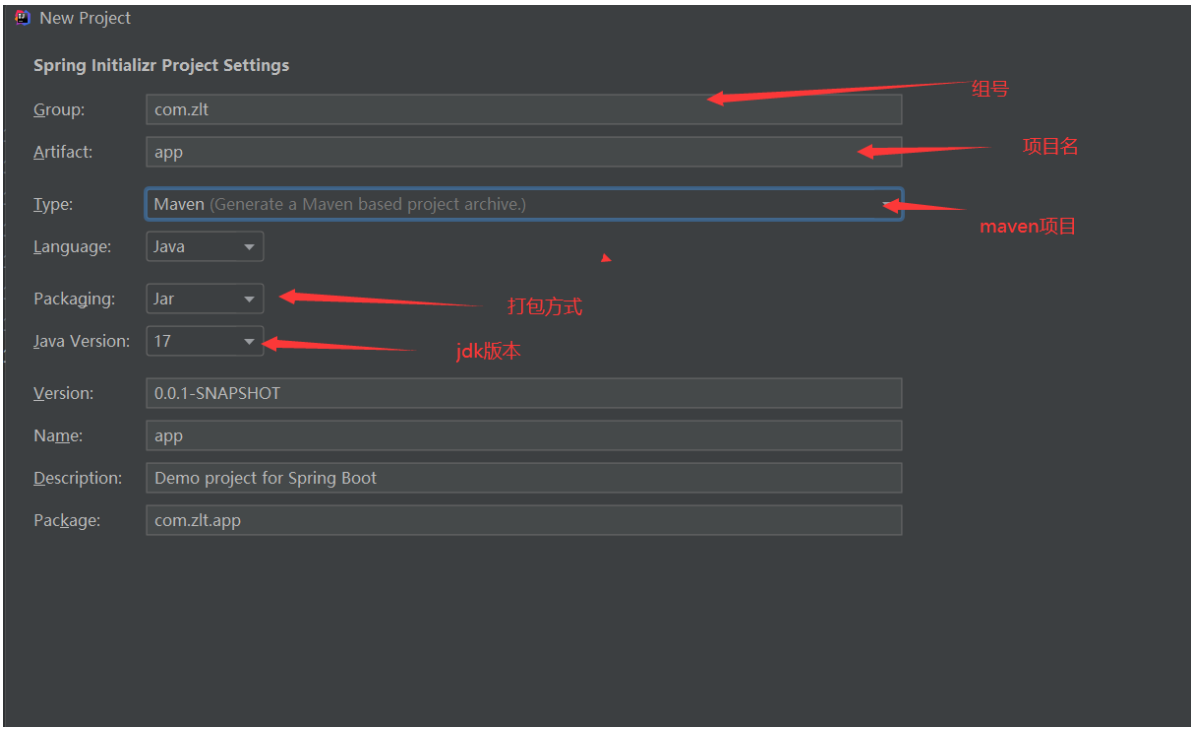
springboot框架的搭建

1

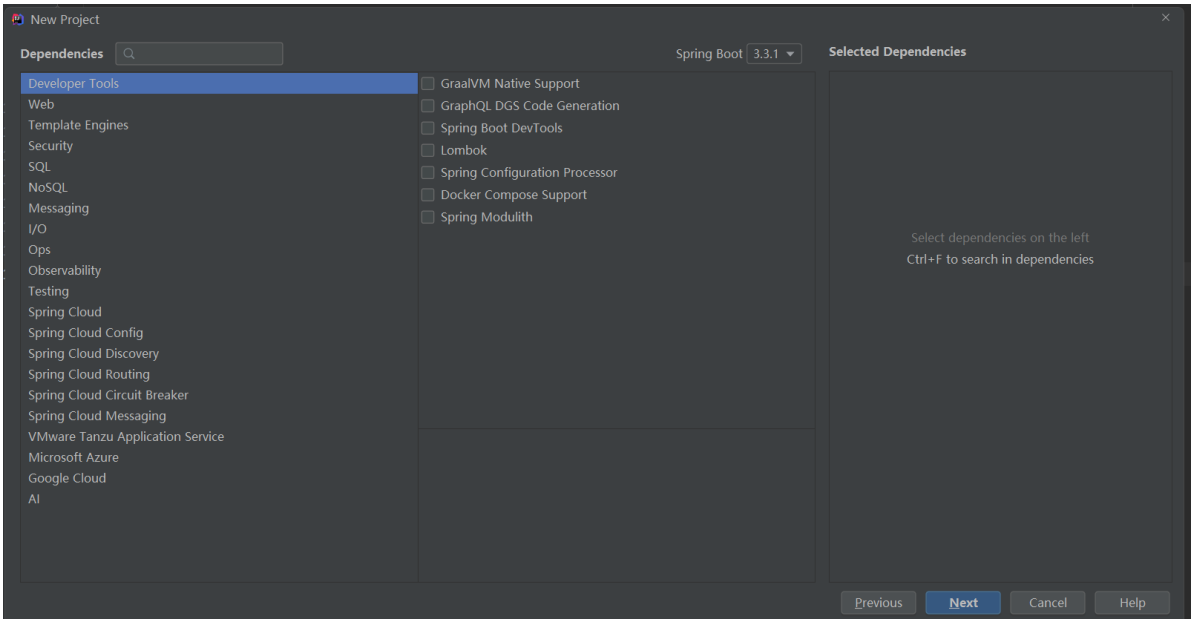


2

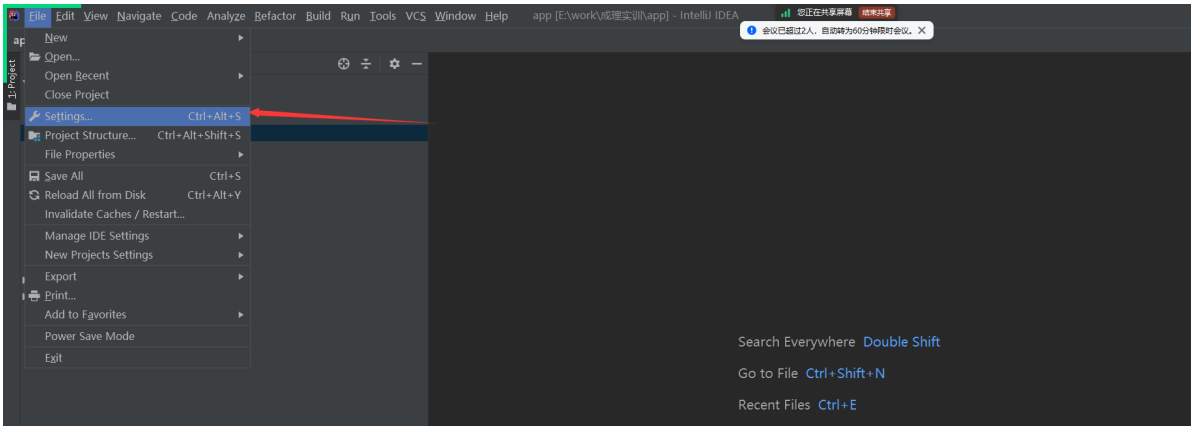
3.

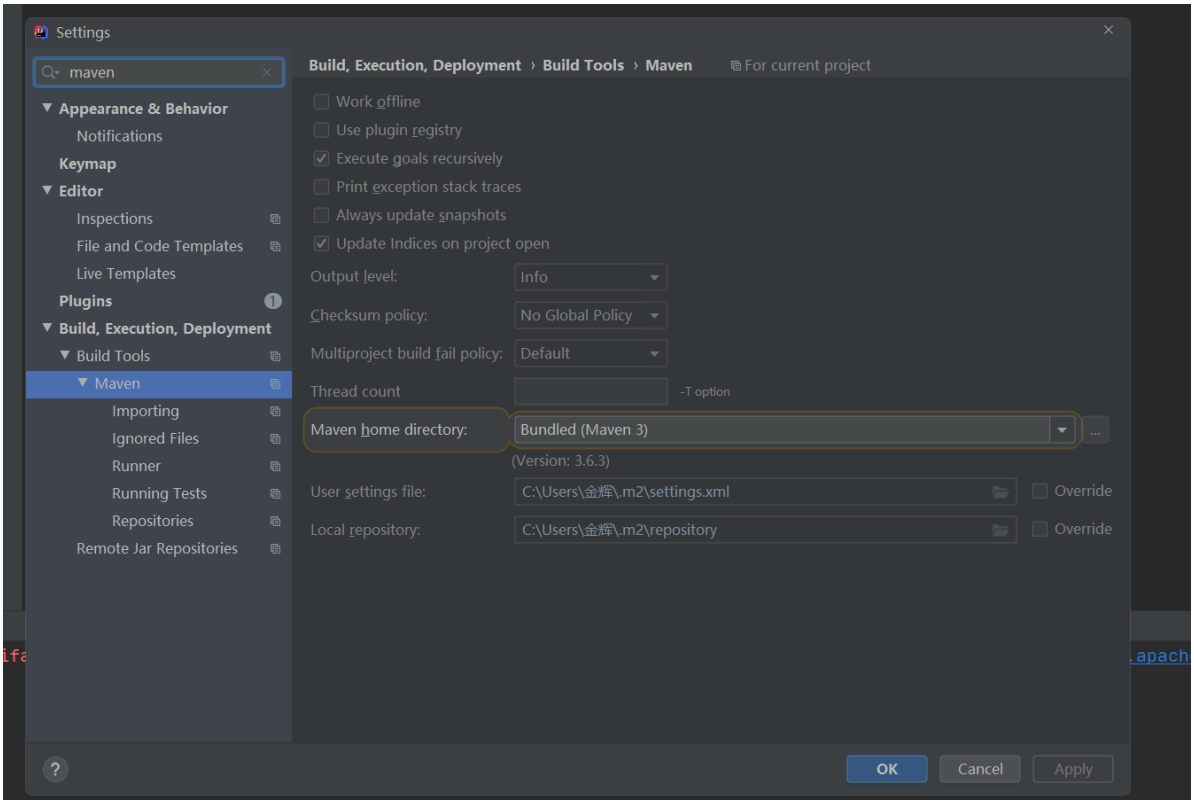


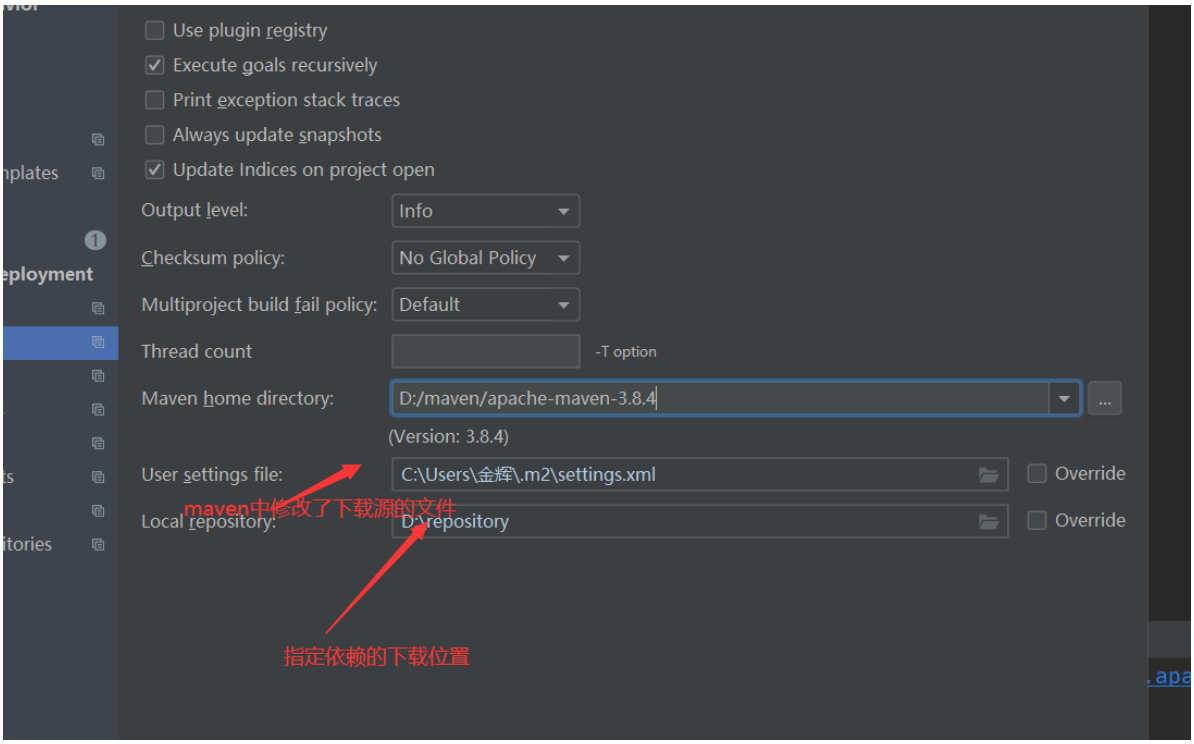
4.生成项目的是时候选的依赖



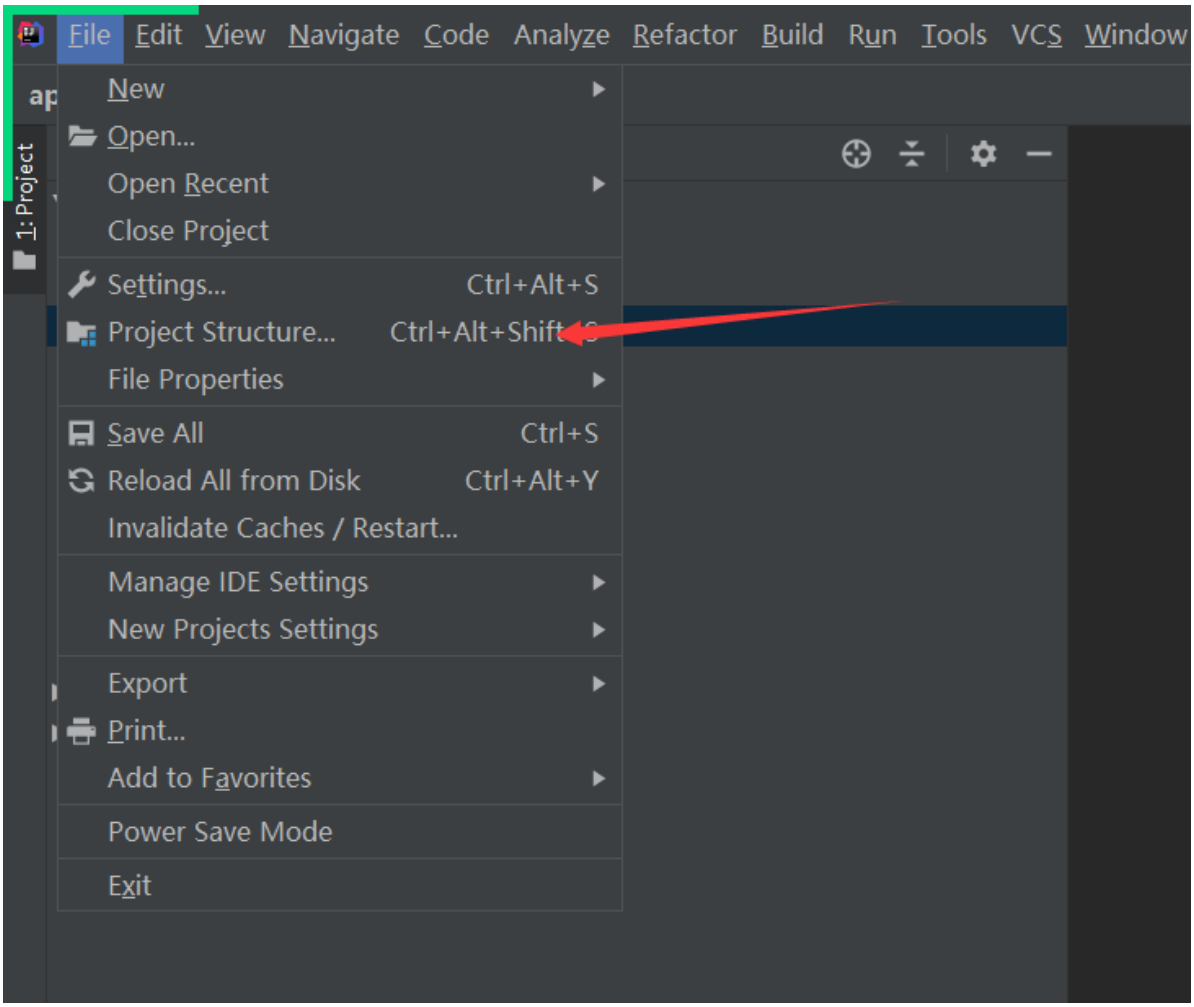
5讲maven配置进项目中 点击filesettings



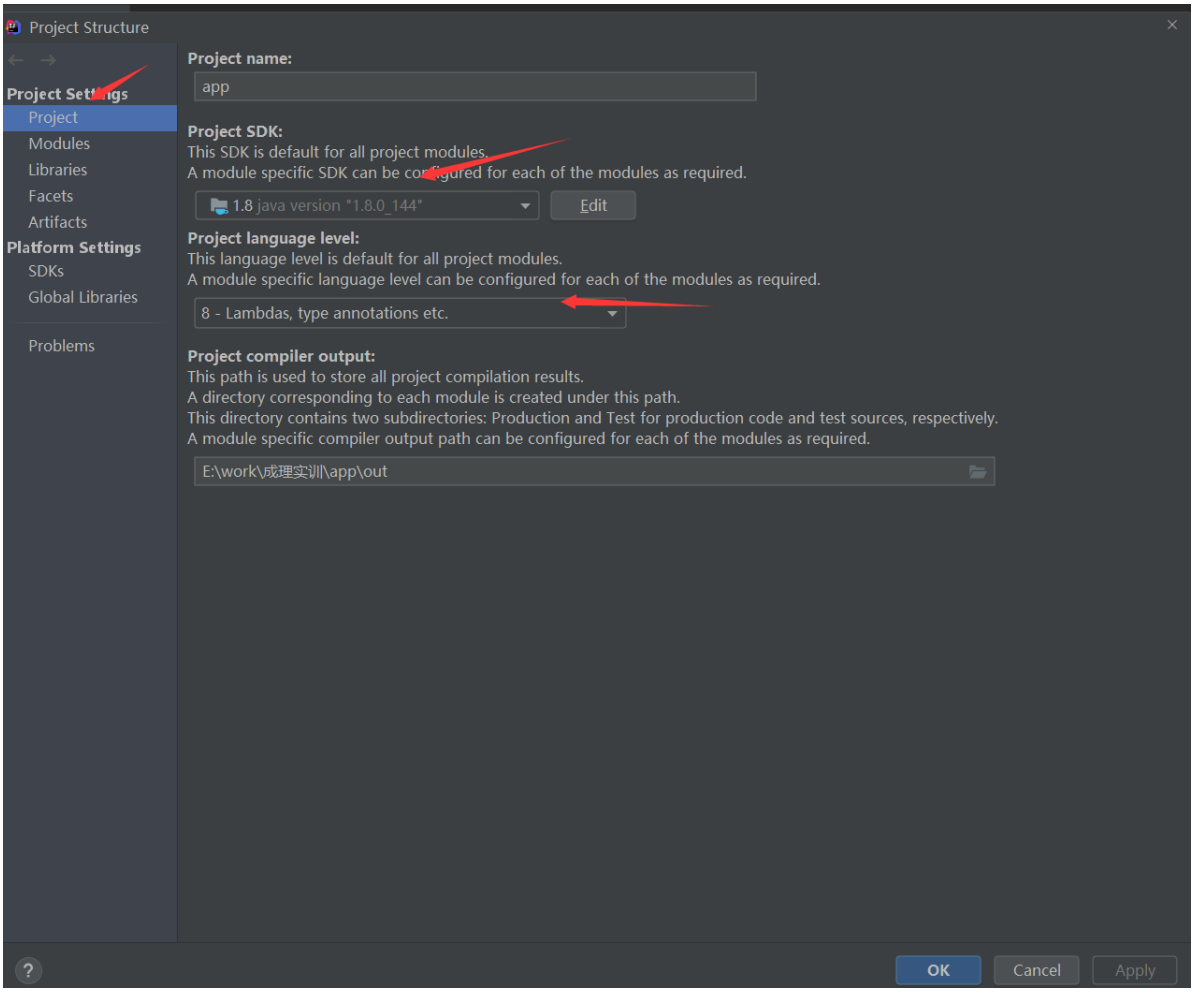

Settings
maven
Appearance & Behavior
Notifications
Keymap
Editor
Inspections
File and Code Templates
Live Templates
Plugins
Build, Execution, Deployment
Build Tools
Maven
Importing
Ignored Files
Runner
Running Tests
Repositories
Remote Jar Repositories
Build, Execution, Deployment › Build Tools › Maven
For current project
Work offline
Use plugin registry
Execute goals recursively
Print exception stack traces
Always update snapshots
Update Indices on project open
Output level: Info
Checksum policy: No Global Policy
Multiproject build fail policy: Default
Thread count
-T option
Maven home directory: Bundled (Maven 3)
(Version: 3.6.3)
User settings file: C:\Users\金辉\.m2\settings.xml
Override
Local repository: C:\Users\金辉\.m2\repository
Override
OK
Cancel
Apply

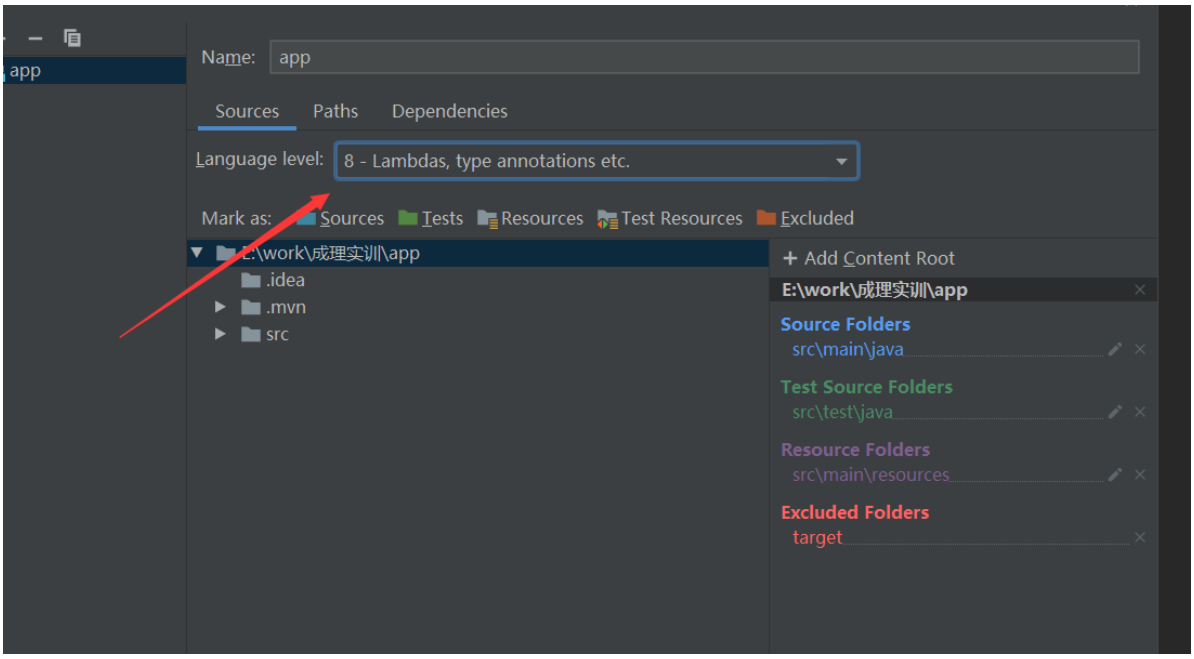

Use plugin registry
Execute goals recursively
Print exception stack traces
Always update snapshots
Update Indices on project open
Output level: Info
Checksum policy: No Global Policy
Multiproject build fail policy: Default
Thread count
-T option
Maven home directory: D:/maven/apache-maven-3.8.4
(Version: 3.8.4)
User settings file: C:\Users\金辉\.m2\settings.xml
Override
Local repository: D:\repository
Override
maven中修改了下载源的文件
指定依赖的下载位置

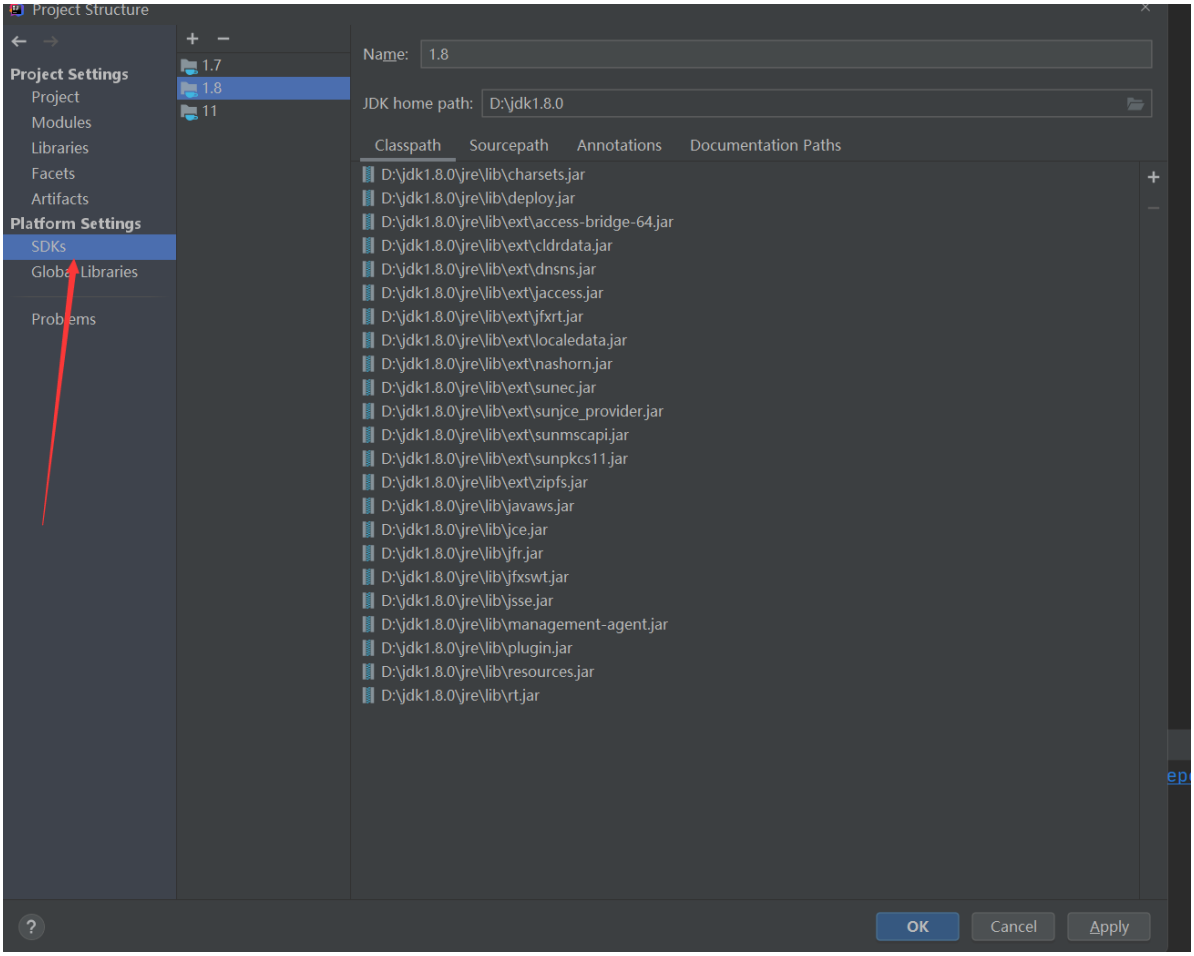
6


File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window
New
Open...
Open Recent
Close Project
Settings... Ctrl+Alt+S
Project Structure... Ctrl+Alt+Shift
File Properties
Save All Ctrl+S
Reload All from Disk Ctrl+Alt+Y
Invalidate Caches / Restart...
Manage IDE Settings
New Projects Settings
Export
Print...
Add to Favorites
Power Save Mode
Exit
1: Project

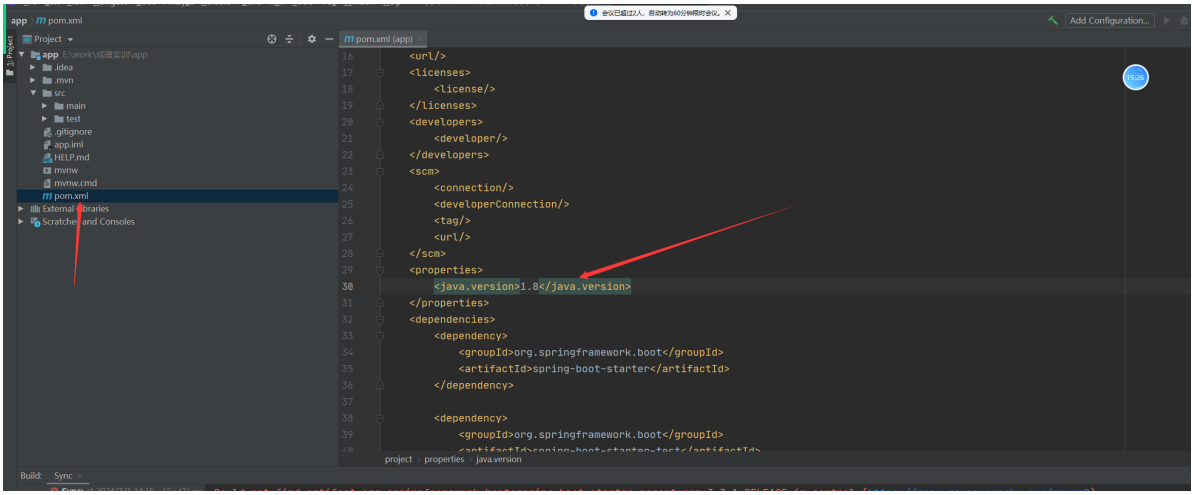
统一jdk版本


Project Structure
Project Settings
Project
Modules
Libraries
Facets
Artifacts
Platform Settings
SDKs
Global Libraries
Problems
Project name:
app
Project SDK:
This SDK is default for all project modules.
A module specific SDK can be configured for each of the modules as required.
1.8 java version "1.8.0_144"
Edit
Project language level:
This language level is default for all project modules.
A module specific language level can be configured for each of the modules as required.
8 - Lambdas, type annotations etc.
Project compiler output:
This path is used to store all project compilation results.
A directory corresponding to each module is created under this path.
This directory contains two subdirectories: Production and Test for production code and test sources, respectively.
A module specific compiler output path can be configured for each of the modules as required.
E:\work\成理实训\app\out
OK
Cancel
Apply

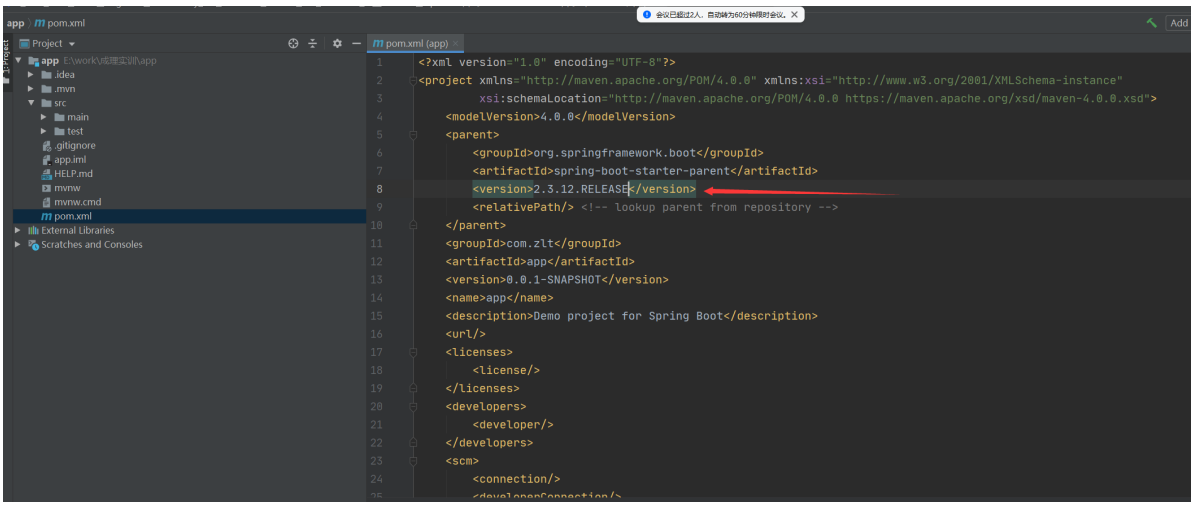

app
Name:
app
Sources
Paths
Dependencies
Language level:
8 - Lambdas, type annotations etc.
Mark as:
Sources
Tests
Resources
Test Resources
Excluded
E:\work\成理实训\app
.idea
.mvn
src
+ Add Content Root
E:\work\成理实训\app
Source Folders
src\main\java
Test Source Folders
src\test\java
Resource Folders
src\main\resources
Excluded Folders
target



修改pom.xml的版本



修改springboot版本 修改为2.3.12

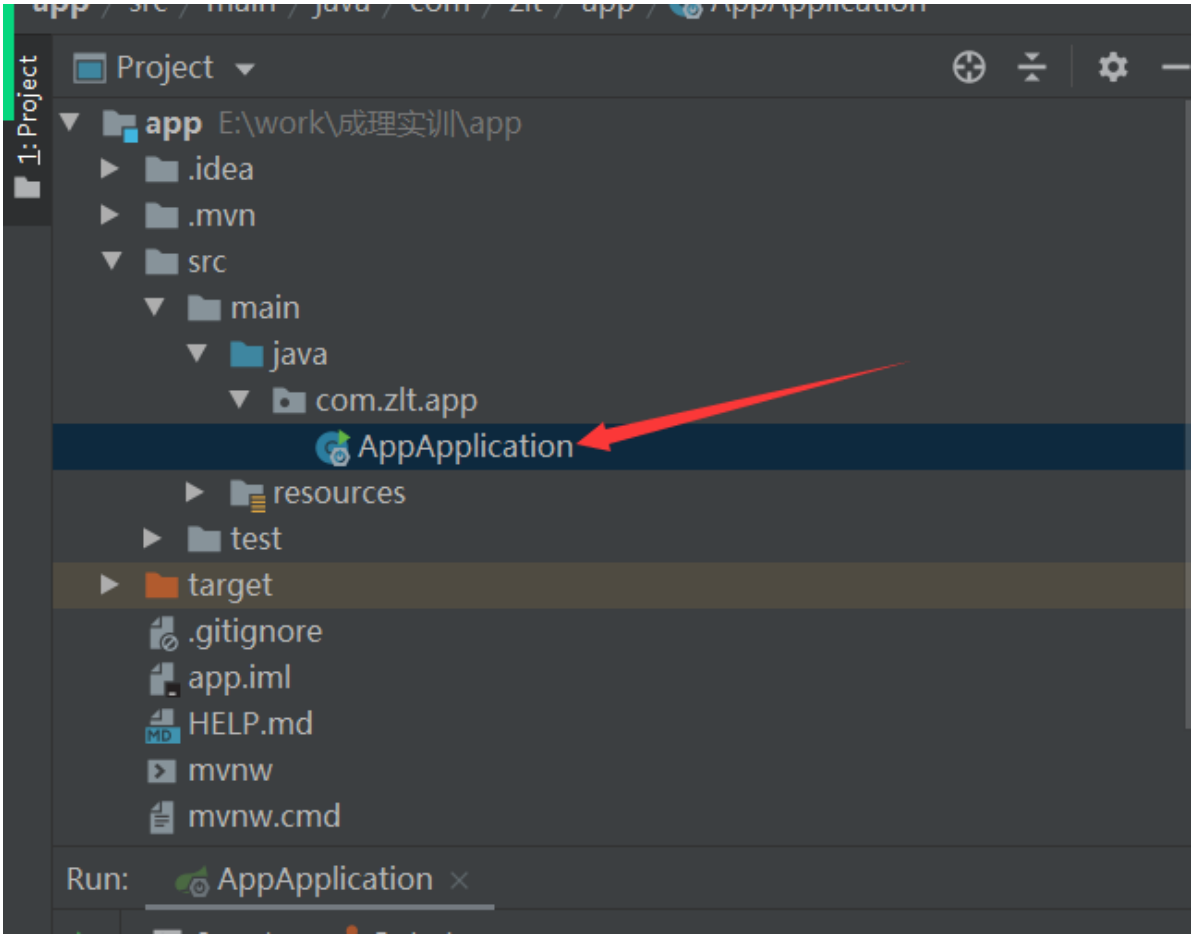


待依赖下载完成之后，启动项目

```
Description:

Failed to configure a DataSource: 'url' attribute is not specified and no embedded datasource could be configured.

Reason: Failed to determine a suitable driver class


Action:

Consider the following:
    If you want an embedded database (H2, HSQL or Derby), please put it on the classpath.
    If you have database settings to be loaded from a particular profile you may need to activate it (no profiles are currently active).
```

没用配置数据源

找到项目的启动类



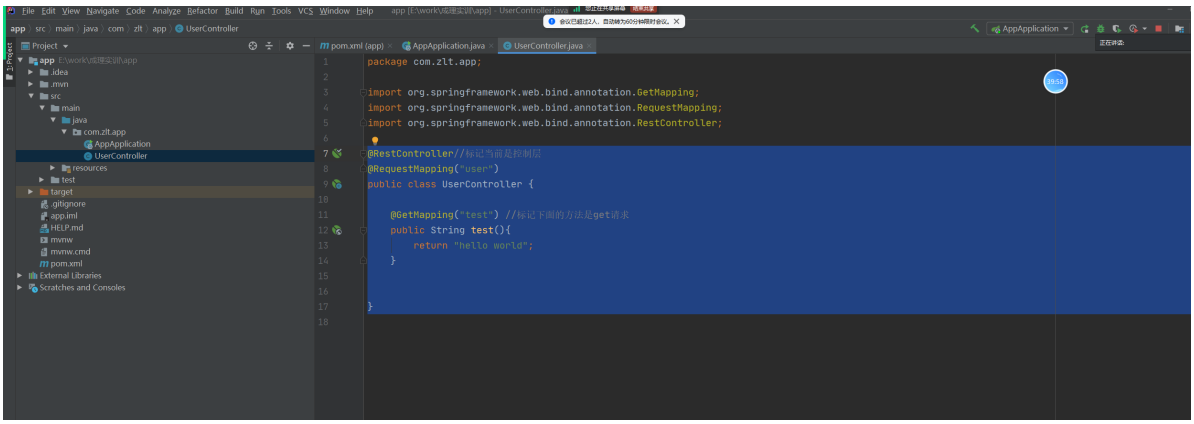
在@SpringBootApplicatition中添加exclude=DataSourceAutoConfiguration.class

```
@SpringBootApplication(exclude = DataSourceAutoConfiguration.class)
```

重新启动项目 如下图 启动成功

```
24-07-03 16:35:57.306  INFO 16552 --- [  restartedMain] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 9ms. Found 0 Redis repository interfaces.
24-07-03 16:35:57.716  INFO 16552 --- [  restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat initialized with port(s): 8080 (http)
24-07-03 16:35:57.724  INFO 16552 --- [  restartedMain] o.apache.catalina.core.StandardService   : Starting service [Tomcat]
24-07-03 16:35:57.724  INFO 16552 --- [  restartedMain] org.apache.catalina.core.StandardEngine  : Starting Servlet engine: [Apache Tomcat/9.0.46]
24-07-03 16:35:57.824  INFO 16552 --- [  restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring embedded WebApplicationContext
24-07-03 16:35:57.824  INFO 16552 --- [  restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 1094 ms
24-07-03 16:35:57.989  INFO 16552 --- [  restartedMain] o.s.s.concurrent.ThreadPoolTaskExecutor  : Initializing ExecutorService 'applicationTaskExecutor'
24-07-03 16:35:58.422  INFO 16552 --- [  restartedMain] o.s.b.d.a.OptionalLiveReloadServer       : LiveReload server is running on port 35729
24-07-03 16:35:58.501  INFO 16552 --- [  restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat started on port(s): 8080 (http) with context path ''
24-07-03 16:35:58.507  INFO 16552 --- [  restartedMain] com.zlt.app.AppApplication               : Started AppApplication in 2.126 seconds (JVM running for 3.717)
```

```java
@RestController//标记当前是控制层
@RequestMapping("user")
public class UserController {

    @GetMapping("test") //标记下面的方法是get请求
    public String test(){
        return "hello world";
    }


}
```



访问 127.0.0.1:8080/user/test

返回

可以完成基于spring boot的请求响应