

```
1 /Library/Java/JavaVirtualMachines/amazon-corretto-  
11.jdk/Contents/Home/bin/java -XX:TieredStopAtLevel  
=1 -noverify -Dspring.output.ansi.enabled=always -  
Dcom.sun.management.jmxremote -Dspring.jmx.enabled=  
true -Dspring.liveBeansView.mbeanDomain -Dspring.  
application.admin.enabled=true -javaagent:/  
Applications/IntelliJ IDEA.app/Contents/lib/idea_rt  
.jar=58193:/Applications/IntelliJ IDEA.app/Contents  
/bin -Dfile.encoding=UTF-8 -classpath /Users/  
wenyuanli/course_enroll_backend/build/classes/java/  
main:/Users/wenyuanli/course_enroll_backend/build/  
resources/main:/Users/wenyuanli/.gradle/caches/  
modules-2/files-2.1/org.projectlombok/lombok/1.18.  
22/9c08ea24c6eb714e2d6170e8122c069a0ba9aacf/lombok-  
1.18.22.jar:/Users/wenyuanli/.gradle/caches/modules-  
2/files-2.1/tech.jhipster/jhipster-framework/7.6.0  
/b6d0432aae110a1f800cd5ebcda01f26b1c857aa/jhipster-  
framework-7.6.0.jar:/Users/wenyuanli/.gradle/caches/  
modules-2/files-2.1/javax.annotation/javax.  
annotation-api/1.3.2/  
934c04d3cfef185a8008e7bf34331b79730a9d43/javax.  
annotation-api-1.3.2.jar:/Users/wenyuanli/.gradle/  
caches/modules-2/files-2.1/io.dropwizard.metrics/  
metrics-core/4.2.7/  
f5cf15166bd888cb3439e282517f23b5d38279e/metrics-  
core-4.2.7.jar:/Users/wenyuanli/.gradle/caches/  
modules-2/files-2.1/io.micrometer/micrometer-  
registry-prometheus/1.8.2/  
a750f8ae1bea234e47d8c2e0c0c48422c37ce33f/micrometer-  
registry-prometheus-1.8.2.jar:/Users/wenyuanli/.  
gradle/caches/modules-2/files-2.1/com.fasterxml.  
jackson.datatype/jackson-datatype-hibernate5/2.13.1  
/eaae6aea2bc311f572432880a8ffe2dfc8fdb6eb/jackson-  
datatype-hibernate5-2.13.1.jar:/Users/wenyuanli/.  
gradle/caches/modules-2/files-2.1/org.  
springframework.boot/spring-boot-starter-web/2.6.3/  
/ceb6e909c144daf9e792069f5f0efd105c8712a/spring-boot-  
starter-web-2.6.3.jar:/Users/wenyuanli/.gradle/  
caches/modules-2/files-2.1/org.springdoc/springdoc-  
openapi-webmvc-core/1.6.2/  
5aff152089584d87d8a91cc48f95e491d795c2ef/springdoc-
```

```
1 openapi-webmvc-core-1.6.2.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/com.fasterxml.jackson.datatype/jackson-datatype-jsr310/2.13.1/1ece5a87b59701328215e0083448b4d451857cbd/jackson-datatype-jsr310-2.13.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/com.fasterxml.jackson.module/jackson-module-jaxb-annotations/2.13.1/63de86abf14db6ef940b21a50eaf5cadce0a6627/jackson-module-jaxb-annotations-2.13.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.zalando/problem-spring-web/0.27.0/bdd4a7a3909b38cc84f47c7110cb673e5a1e893c/problem-spring-web-0.27.0.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/com.fasterxml.jackson.core/jackson-databind/2.13.1/698b2d2b15d9a1b7aae025f1d9f576842285e7f6/jackson-databind-2.13.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/com.fasterxml.jackson.core/jackson-annotations/2.13.1/1cbcbe4623113e6af92ccaa89884a345270f1a87/jackson-annotations-2.13.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/com.fasterxml.jackson.datatype/jackson-datatype-hppc/2.13.1/eaa60dc9835e623fa4b377fea47b9b608543067/jackson-datatype-hppc-2.13.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.hibernate/hibernate-entitymanager/5.6.4.Final/66296284ff5c5a6b7c7648f04c527e5b93bdc477/hibernate-entitymanager-5.6.4.Final.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframeworkframework.boot/spring-boot-starter-data-jpa/2.6.3/74c60a724e4f81c7527b848ee24e91ba6facfe24/spring-boot-starter-data-jpa-2.6.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.hibernate/hibernate-core/5.6.4.Final/a21d3a313d8fa4dbf2d05aa50ef3157a8081e83f/hibernate-core-5.6.4.Final.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/com.zaxxer/HikariCP/4.0.3/107cbdf0db6780a065f895ae9d8fbf3bb0e1c21f/HikariCP-4.0.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.apache.commons/commons-lang3/3.12.0
```

```
1 /c6842c86792ff03b9f1d1fe2aab8dc23aa6c6f0e/commons-
lang3-3.12.0.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/javax.transaction/javax.
transaction-api/1.3/
e006adf5cf3cca2181d16bd640ecb80148ec0fce/javax.
transaction-api-1.3.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.hibernate.validator/
hibernate-validator/6.2.0.Final/
d6b0760dffffbf379cedd02f715ff4c9a2e215921/hibernate-
validator-6.2.0.Final.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.liquibase/liquibase-
core/4.6.1/b898119c2666d152025b33de09b330540dded39b
/liquibase-core-4.6.1.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.springframework.boot
/spring-boot-loader-tools/2.6.3/
ae73a62e1c8205ca9c4ce95454c08b58213349ff/spring-
boot-loader-tools-2.6.3.jar:/Users/wenyuanli/.
gradle/caches/modules-2/files-2.1/org.
springframework.boot/spring-boot-starter-mail/2.6.3
/7e490fe8181d490d396f0ecec7a6ca99df37831/spring-
boot-starter-mail-2.6.3.jar:/Users/wenyuanli/.
gradle/caches/modules-2/files-2.1/org.
springframework.boot/spring-boot-starter-actuator/2
.6.3/aa98aebacb734f8959fb01086589349662c03503/
spring-boot-starter-actuator-2.6.3.jar:/Users/
wenyuanli/.gradle/caches/modules-2/files-2.1/org.
springframework.boot/spring-boot-starter-security/2
.6.3/c48cabd79ac51f3dec8e89cb492e5962a186aa4/
spring-boot-starter-security-2.6.3.jar:/Users/
wenyuanli/.gradle/caches/modules-2/files-2.1/org.
springframework.boot/spring-boot-starter-thymeleaf/
2.6.3/1468befdafc10744d410848ea5ecb4d44c6c215b/
spring-boot-starter-thymeleaf-2.6.3.jar:/Users/
wenyuanli/.gradle/caches/modules-2/files-2.1/org.
springframework.cloud/spring-cloud-starter-
bootstrap/3.1.0/
12a7482852cf0c5223741bc079b76b17eba7b727/spring-
cloud-starter-bootstrap-3.1.0.jar:/Users/wenyuanli
/.gradle/caches/modules-2/files-2.1/org.
springframework.boot/spring-boot-starter-logging/2.
6.3/86599127b1e69a6180014cbeed8297ba26e8c6aa/spring
```

```
1 -boot-starter-logging-2.6.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.boot/spring-boot-starter-undertow/2.6.3/988095d74254727e400818c46de206242a427de5/spring-boot-starter-undertow-2.6.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.security/spring-security-config/5.6.1/9dad5eb59d37caddfa90752e034541ecd0ca9632/spring-security-config-5.6.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.security/spring-security-web/5.6.1/7c2a899cfa8c986170721fedf356a73f73ddcb23/spring-security-web-5.6.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/io.jsonwebtoken/jjwt-api/0.11.2/57c34dce3e88f2972c5c5465b6291acfb5628084/jjwt-api-0.11.2.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/mysql/mysql-connector-java/8.0.28/33678b1729d4f832b9e4bcb2d5bb67940920a7a/mysql-connector-java-8.0.28.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.mapstruct/mapstruct/1.4.2.Final/68d82e631f75d073b3a432cb6cc1920fec57357b/mapstruct-1.4.2.Final.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/net.logstash.logback/logstash-logback-encoder/7.0.1/5eebea7214ef335085b8dbac425880b9d4fbacea/logstash-logback-encoder-7.0.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.boot/spring-boot-starter-validation/2.6.3/d4278bbf48292633d1c005ff3e0b997e8dbab805/spring-boot-starter-validation-2.6.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.boot/spring-boot-starter-aop/2.6.3/338cbbfe2667aea23d95672093e05b5f54630c5a/spring-boot-starter-aop-2.6.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework/spring-context-support/5.3.15/8e0326503c9f83fc447c00818212edc246daa455/spring-context-support-5.3.15.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.boot/spring-boot-autoconfigure/2.6.3/
```

```
1 8bf96f63e9479b5a1c17d1fa05b149bb5ed050e2/spring-
boot-autoconfigure-2.6.3.jar:/Users/wenyuanli/.
gradle/caches/modules-2/files-2.1/org.slf4j/slf4j-
api/1.7.33/d375aa1b98d34d5ddf73a3f19eaad66e98975b12
/slf4j-api-1.7.33.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/io.micrometer/micrometer-
core/1.8.2/
6a0b3ece5c834a13d2bebb3fa173f6d7067efc43/micrometer-
core-1.8.2.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/io.prometheus/
simpleclient_common/0.12.0/
ab36ab0bfca7b05fb5e58f8473ed1feba6a6d90d/
simpleclient_common-0.12.0.jar:/Users/wenyuanli/.
gradle/caches/modules-2/files-2.1/com.fasterxml.
jackson.core/jackson-core/2.13.1/
51ae921a2ed1e06ca8876f12f32f265e83c0b2b8/jackson-
core-2.13.1.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.springframework.boot/spring-
boot-starter-json/2.6.3/
b43885849bde2ad5d436c5acdd43b21730f9c676/spring-
boot-starter-json-2.6.3.jar:/Users/wenyuanli/.
gradle/caches/modules-2/files-2.1/org.
springframework.boot/spring-boot-starter/2.6.3/
1211af6e300c0584e01c7a9a75e585ac0aec6ea6/spring-
boot-starter-2.6.3.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.springframework/
spring-webmvc/5.3.15/
28307dda4cb5fbebe6f7d7e7c846f464da0eba955/spring-
webmvc-5.3.15.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.springframework/spring-web/
5.3.15/a228b373eff7fe34e868827ab02c91b8bf7a643e/
spring-web-5.3.15.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.springdoc/springdoc-
openapi-common/1.6.2/
2b160f17c82f942a23f6780f8be5d9d65b989968/springdoc-
openapi-common-1.6.2.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/jakarta.xml.bind/jakarta.
xml.bind-api/2.3.3/
48e3b9cfc10752fba3521d6511f4165bea951801/jakarta.
xml.bind-api-2.3.3.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/jakarta.activation/
```

```
1 jakarta.activation-api/1.2.2/
99f53adba383cb1bf7c386284488574b559621f/jakarta.
activation-api-1.2.2.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.zalando/problem-
spring-common/0.27.0/
3367b3206ba98f61bcaa2c817fde6c508c179647/problem-
spring-common-0.27.0.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.zalando/problem-
violations/0.27.0/
71b8a1f551a6a4a74f4967d1b0693dee6acc1b58/problem-
violations-0.27.0.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.zalando/jackson-
datatype-problem/0.26.0/
3a035f5e727404ab800a899c6879fe2dbbec41a8/jackson-
datatype-problem-0.26.0.jar:/Users/wenyuanli/.
gradle/caches/modules-2/files-2.1/javax.validation/
validation-api/2.0.1.Final/
cb855558e6271b1b32e716d24cb85c7f583ce09e/validation
-api-2.0.1.Final.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.zalando/faux-pas/0.9
.0/35de4746f0a6e87beef5e0f85c4050a2f70762a7/faux-
pas-0.9.0.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.apiguardian/apiguardian-api
/1.1.2/a231e0d844d2721b0fa1b238006d15c6ded6842a/
apiguardian-api-1.1.2.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/com.google.code.findbugs
/jsr305/3.0.2/
25ea2e8b0c338a877313bd4672d3fe056ea78f0d/jsr305-3.0
.2.jar:/Users/wenyuanli/.gradle/caches/modules-2/
files-2.1/org.zalando/problem/0.26.0/
3b96cdff3cff84070af057fb231917970678fa3/problem-0.
26.0.jar:/Users/wenyuanli/.gradle/caches/modules-2/
files-2.1/com.carrotsearch/hppc/0.8.1/
ffc7ba8f289428b9508ab484b8001dea944ae603/hppc-0.8.1
.jar:/Users/wenyuanli/.gradle/caches/modules-2/
files-2.1/net.bytebuddy/byte-buddy/1.12.7/
e2a08a3fae74979ee76a8dd67cf37958874e0fb/byte-buddy
-1.12.7.jar:/Users/wenyuanli/.gradle/caches/modules
-2/files-2.1/javax.persistence/javax.persistence-
api/2.2/25665ac8c0b62f50e6488173233239120fc52c96/
javax.persistence-api-2.2.jar:/Users/wenyuanli/.
```

```
1 gradle/caches/modules-2/files-2.1/org.hibernate.common/hibernate-commons-annotations/5.1.2.Final/e59ffdbc6ad09eeb33507b39ffcf287679a498c8/hibernate-commons-annotations-5.1.2.Final.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.jboss.logging/jboss-logging/3.4.3.Final/c4bd7e12a745c0e7f6cf98c45cdcdf482fd827ea/jboss-logging-3.4.3.Final.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.jboss.spec.javax.transaction/jboss-transaction-api_1.2_spec/1.1.1.Final/a8485cab9484dda36e9a8c319e76b5cc18797b58/jboss-transaction-api_1.2_spec-1.1.1.Final.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.boot/spring-boot-starter-jdbc/2.6.3/17871ef6920a3decad5f10181b2baf198ea2b787/spring-boot-starter-jdbc-2.6.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.data/spring-data-jpa/2.6.1/70eef23d3c1ba594749867edb9c89832da8f923c/spring-data-jpa-2.6.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework/spring-aspects/5.3.15/d1e42bac0f61ad50f633c13f8bcab905a66313af/spring-aspects-5.3.15.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/jakarta.persistence/jakarta.persistence-api/2.2.3/8f6ea5daedc614f07a3654a455660145286f024e/jakarta.persistence-api-2.2.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/jakarta.transaction/jakarta.transaction-api/1.3.3/c4179d48720a1e87202115fbed6089bdc4195405/jakarta.transaction-api-1.3.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/antlr/antlr/2.7.7/83cd2cd674a217ade95a4bb83a8a14f351f48bd0/antlr-2.7.7.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/com.fasterxml/classmate/1.5.1/3fe0bed568c62df5e89f4f174c101eab25345b6c/classmate-1.5.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.glassfish.jaxb/jaxb-runtime/2.3.5/a169a961a2bb9ac69517ec1005e451becf5cdfab/jaxb-runtime-2.3.5.jar:/Users/wenyuanli/.gradle/caches/
```

```
1 modules-2/files-2.1/javax.xml.bind/jaxb-api/2.3.1/
8531ad5ac454cc2deb9d4d32c40c4d7451939b5d/jaxb-api-2
.3.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/
files-2.1/javax.activation/javax.activation-api/1.2
.0/85262acf3ca9816f9537ca47d5adeabae7cb16/javax.
activation-api-1.2.0.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.jboss/jandex/2.4.2.
Final/1e1c385990b258ff1a24c801e84aebbacf70eb39/
jandex-2.4.2.Final.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/jakarta.validation/
jakarta.validation-api/2.0.2/
5eacc6522521f7eacb081f95cee1e231648461e7/jakarta.
validation-api-2.0.2.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.springframework/
spring-core/5.3.15/
e813c2311465672d3089fc7be8dbbadb04e64d6b/spring-
core-5.3.15.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.apache.commons/commons-
compress/1.21/
4ec95b60d4e86b5c95a0e919cb172a0af98011ef/commons-
compress-1.21.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/com.sun.mail/jakarta.mail/1.6.7
/319df0e9d536c1a01acdfe49b6e82b97d2393073/jakarta.
mail-1.6.7.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.springframework.boot/spring-
boot-actuator-autoconfigure/2.6.3/
eb610aa660305320168a7df68e88091e01e3cdcb/spring-
boot-actuator-autoconfigure-2.6.3.jar:/Users/
wenyuanli/.gradle/caches/modules-2/files-2.1/org.
springframework/spring-aop/5.3.15/
195966e1f4260f89696e668856ebfd9a1bc76404/spring-aop
-5.3.15.jar:/Users/wenyuanli/.gradle/caches/modules-
2/files-2.1/org.thymeleaf/thymeleaf-spring5/3.0.14
.RELEASE/a0588f30a1e7dcadfc5c260ef6c6078ef377384/
thymeleaf-spring5-3.0.14.RELEASE.jar:/Users/
wenyuanli/.gradle/caches/modules-2/files-2.1/org.
thymeleaf.extras/thymeleaf-extras-java8time/3.0.4.
RELEASE/36e7175ddce36c486fff4578b5af7bb32f54f5df/
thymeleaf-extras-java8time-3.0.4.RELEASE.jar:/Users
/wenyuanli/.gradle/caches/modules-2/files-2.1/org.
springframework.cloud/spring-cloud-starter/3.1.0/
```

```
1 bf0cac2a2a05ce8f703deec9f565dc172c682a9d/spring-
  cloud-starter-3.1.0.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/org.apache.logging.log4j
  /log4j-to-slf4j/2.17.1/
3619fd18278a1a895c1dca8c5be002768071a20e/log4j-to-
  slf4j-2.17.1.jar:/Users/wenyuanli/.gradle/caches/
  modules-2/files-2.1/ch.qos.logback/logback-classic/
  1.2.10/f69d97ef3335c6ab82fc21dfb77ac613f90c1221/
  logback-classic-1.2.10.jar:/Users/wenyuanli/.gradle
  /caches/modules-2/files-2.1/org.slf4j/jul-to-slf4j/
  1.7.33/53fd89b530d41b8f6744c754de1c9b02e82f2d7/jul-
  to-slf4j-1.7.33.jar:/Users/wenyuanli/.gradle/caches
  /modules-2/files-2.1/jakarta.servlet/jakarta.
  servlet-api/4.0.4/
b8a1142e04838fe54194049c6e7a18dae8f9b960/jakarta.
  servlet-api-4.0.4.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/jakarta.websocket/
  jakarta.websocket-api/1.1.2/
69c2fdfb75081cc935bc9d6c5616d12b0b73815f/jakarta.
  websocket-api-1.1.2.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/io.undertow/undertow-
  websockets-jsr/2.2.14.Final/
ffffc3fffff1880fd695c22164d37bd16dc1dc4b7e/undertow-
  websockets-jsr-2.2.14.Final.jar:/Users/wenyuanli/.
  gradle/caches/modules-2/files-2.1/io.undertow/
  undertow-servlet/2.2.14.Final/
8354ab1476d85dec5ee743a0f40b113cf29a55b8/undertow-
  servlet-2.2.14.Final.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/io.undertow/undertow-
  core/2.2.14.Final/
deb02123fba830230d1837a1e6b3731607196a41/undertow-
  core-2.2.14.Final.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/org.apache.tomcat.embed/
  tomcat-embed-el/9.0.56/
8e4f28f714693ad4e158e61f41371d4e4c6b4e23/tomcat-
  embed-el-9.0.56.jar:/Users/wenyuanli/.gradle/caches
  /modules-2/files-2.1/org.springframework.security/
  spring-security-core/5.6.1/
f8d2fc6d172264946f909d1b61ce8a18b50d655f/spring-
  security-core-5.6.1.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/org.springframework/
```

```
1 spring-context/5.3.15/
80a12b7dcb3332fdb65c3649249fd35561ffc561/spring-
context-5.3.15.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.springframework/spring-
beans/5.3.15/
a88e2ccfe8b131bcff2e643b90d52f6d928e7369/spring-
beans-5.3.15.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.springframework/spring-
expression/5.3.15/
362f36bbc4c4b46cc2e4f219df22d08945000c2/spring-
expression-5.3.15.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/com.google.protobuf/
protobuf-java/3.11.4/
7ec0925cc3aef0335bbc7d57edfd42b0f86f8267/protobuf-
java-3.11.4.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.aspectj/aspectjweaver/1.9.7
/158f5c255cd3e4408e795b79f7c3fb9b53b7ca/
aspectjweaver-1.9.7.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.springframework.boot
/spring-boot/2.6.3/
f1127e8a70ba7b9f12581e79ea963b739059bf55/spring-
boot-2.6.3.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.hdrhistogram/HdrHistogram/2
.1.12/6eb7552156e0d517ae80cc2247be1427c8d90452/
HdrHistogram-2.1.12.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/io.prometheus/
simpleclient/0.14.1/
d2533c7482d4fd7892f8cf91e5ea60defd19278d/
simpleclient-0.14.1.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/com.fasterxml.jackson.
datatype/jackson-datatype-jdk8/2.13.1/
8ecfa9bcd714269fdf22c33f9fd00d0643bd0e21/jackson-
datatype-jdk8-2.13.1.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/com.fasterxml.jackson.
module/jackson-module-parameter-names/2.13.1/
cbeec2259213c555ef451a2e05f35ed1dbfbf799/jackson-
module-parameter-names-2.13.1.jar:/Users/wenyuanli
/.gradle/caches/modules-2/files-2.1/jakarta.
annotation/jakarta.annotation-api/1.3.5/
59eb84ee0d616332ff44aba065f3888cf002cd2d/jakarta.
annotation-api-1.3.5.jar:/Users/wenyuanli/.gradle/
```

```
1 caches/modules-2/files-2.1/org.yaml/snakeyaml/1.29/
  6d0cdafb2010f1297e574656551d7145240f6e25/snakeyaml-
  1.29.jar:/Users/wenyuanli/.gradle/caches/modules-2/
  files-2.1/io.swagger.core.v3/swagger-integration/2.
  1.11/f21b84e72d479f4032479838a48e2310d83dad22/
  swagger-integration-2.1.11.jar:/Users/wenyuanli/.
  gradle/caches/modules-2/files-2.1/io.swagger.core.
  v3/swagger-models/2.1.11/
  1dc340dedb35c95a6d482f082a37c112d222cabd/swagger-
  models-2.1.11.jar:/Users/wenyuanli/.gradle/caches/
  modules-2/files-2.1/io.swagger.core.v3/swagger-
  annotations/2.1.11/
  4a00eee38735189a15fbdfa2169aadbff9c1779a/swagger-
  annotations-2.1.11.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/io.github.classgraph/
  classgraph/4.8.116/
  d69e63afaaaad9176d14442329464c386ae7d323/classgraph
  -4.8.116.jar:/Users/wenyuanli/.gradle/caches/
  modules-2/files-2.1/org.springframework/spring-jdbc
  /5.3.15/2c7883bb9a50e37f177cdc3e064e88325f97bd36/
  spring-jdbc-5.3.15.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/org.springframework.data
  /spring-data-commons/2.6.1/
  ba24a3b88e26191b25031cefb8de458deed05551/spring-
  data-commons-2.6.1.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/org.springframework/
  spring-orm/5.3.15/
  edddfcbf3bd2a3cc8b5316329f16dcf88cec33b5/spring-orm
  -5.3.15.jar:/Users/wenyuanli/.gradle/caches/modules
  -2/files-2.1/org.springframework/spring-tx/5.3.15/
  27b8c1f0a896dc2f7d1629556b06f55f2a07351d/spring-tx-
  5.3.15.jar:/Users/wenyuanli/.gradle/caches/modules-
  2/files-2.1/org.glassfish.jaxb/txw2/2.3.5/
  ec8930fa62e7b1758b1664d135f50c7abe86a4a3/txw2-2.3.5
  .jar:/Users/wenyuanli/.gradle/caches/modules-2/
  files-2.1/com.sun.istack/istack-commons-runtime/3.0
  .12/cbbe1a62b0cc6c85972e99d52aaee350153dc530/istack
  -commons-runtime-3.0.12.jar:/Users/wenyuanli/.
  gradle/caches/modules-2/files-2.1/org.
  springframework/spring-jcl/5.3.15/
  88da960b4fcdbd28621aea8b9911976adc06afce4/spring-jcl
```

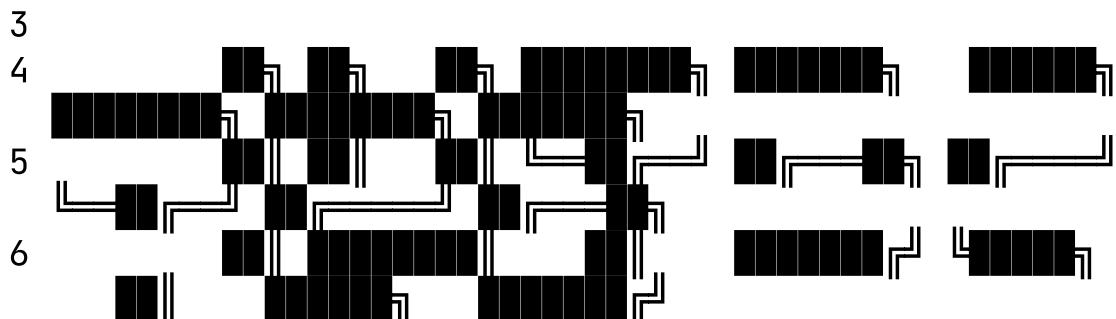
```
1 -5.3.15.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/com.sun.activation/jakarta.activation/1.2.2/74548703f9851017ce2f556066659438019e7eb5/jakarta.activation-1.2.2.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.boot/spring-boot-actuator/2.6.3/affebd2999780ff08e98476ec7abccb450222250/spring-boot-actuator-2.6.3.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.thymeleaf/thymeleaf/3.0.14.RELEASE/5ec84717bf76bcbcc133f9f19bab754f97b92f8/thymeleaf-3.0.14.RELEASE.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.cloud/spring-cloud-context/3.1.0/9fa91b3b2b77329abd380287543740ba8b5a48a5/spring-cloud-context-3.1.0.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.cloud/spring-cloud-commons/3.1.0/d8655d3d6188a2641c27710e88823d5cf587f6e2/spring-cloud-commons-3.1.0.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.security/spring-security-rsa/1.0.10.RELEASE/675a247df1197b98c8c928fb67c7ec0a60ad91cc/spring-security-rsa-1.0.10.RELEASE.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.apache.logging.log4j/log4j-api/2.17.1/d771af8e336e372fb5399c99edabe0919aeaf5b2/log4j-api-2.17.1.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/ch.qos.logback/logback-core/1.2.10/5328406bfcae7bcdcc86810fcb2920d2c297170d/logback-core-1.2.10.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.jboss.threads/jboss-threads/3.1.0.Final/9b260c0302f637a84a52d3d118214a3c59217615/jboss-threads-3.1.0.Final.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.jboss.xnio/xnio-api/3.8.4.Final/8714f2bf19f6e5fa7e36e8516dc4606ef152e4d/xnio-api-3.8.4.Final.jar:/Users/wenyuanli/.gradle/caches/modules-2/files-2.1/org.springframework.security/spring-security-crypto/5.6.1/
```

```
1 b9dc3cc09643c0451a35bcd9327e80c4f5dfd354/spring-
  security-crypto-5.6.1.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/io.prometheus/
  simpleclient_tracer_otel/0.14.1/
  eb26ddbdbca1f308289fbf5327a7f5c13713a37a/
  simpleclient_tracer_otel-0.14.1.jar:/Users/
  wenyuanli/.gradle/caches/modules-2/files-2.1/io.
  prometheus/simpleclient_tracer_otel_agent/0.14.1/
  dd1a4981d01ddcabee8aaf74227b01e62616ae3/
  simpleclient_tracer_otel_agent-0.14.1.jar:/Users/
  wenyuanli/.gradle/caches/modules-2/files-2.1/io.
  swagger.core.v3/swagger-core/2.1.11/
  61bb7d3ecbf9aa84ac4c218c09528d46d8a59119/swagger-
  core-2.1.11.jar:/Users/wenyuanli/.gradle/caches/
  modules-2/files-2.1/ognl/ognl/3.1.26/
  922d3d922b8aa40146d842114c184c8b403d2f4f/ognl-3.1.
  26.jar:/Users/wenyuanli/.gradle/caches/modules-2/
  files-2.1/org.attoparser/attoparser/2.0.5.RELEASE/
  a93ad36df9560de3a5312c1d14f69d938099fa64/attoparser-
  2.0.5.RELEASE.jar:/Users/wenyuanli/.gradle/caches/
  modules-2/files-2.1/org.unbescape/unbescape/1.1.6.
  RELEASE/7b90360afb2b860e09e8347112800d12c12b2a13/
  unbescape-1.1.6.RELEASE.jar:/Users/wenyuanli/..
  gradle/caches/modules-2/files-2.1/org.bouncycastle/
  bcpkix-jdk15on/1.68/
  81da950604ff0b2652348cbd2b48fde46ced9867/bcpkix-
  jdk15on-1.68.jar:/Users/wenyuanli/.gradle/caches/
  modules-2/files-2.1/org.wildfly.client/wildfly-
  client-config/1.0.1.Final/
  2a803b23c40a0de0f03a90d1fd3755747bc05f4b/wildfly-
  client-config-1.0.1.Final.jar:/Users/wenyuanli/..
  gradle/caches/modules-2/files-2.1/org.wildfly.
  common/wildfly-common/1.5.2.Final/
  8eba40cfe86bcfcc223551e75201e6e7574c7c36/wildfly-
  common-1.5.2.Final.jar:/Users/wenyuanli/.gradle/
  caches/modules-2/files-2.1/io.prometheus/
  simpleclient_tracer_common/0.14.1/
  8ac79f2785aac1de16798272dcfbd973ed9ede0a/
  simpleclient_tracer_common-0.14.1.jar:/Users/
  wenyuanli/.gradle/caches/modules-2/files-2.1/com.
  fasterxml.jackson.dataformat/jackson-dataformat-
```

```

1 yaml/2.13.1/
fa89741b057f4f2094e2f115e6cf898626989fe2/jackson-
dataformat-yaml-2.13.1.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.javassist/javassist-
/3.20.0-GA/a9cbcd7e9f86fb74d3afae65f2248bf82a0
/javassist-3.20.0-GA.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.bouncycastle/bcprov-
jdk15on/1.68/
46a080368d38b428d237a59458f9bc915222894d/bcprov-
jdk15on-1.68.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.springframework.boot/spring-
-boot-devtools/2.6.3/
7edce31138c468a256b458ba93ed34cae83e1591/spring-
boot-devtools-2.6.3.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/io.jsonwebtoken/jjwt-
jackson/0.11.2/
bff0b63d4cbace7b38551a70350875e69201ffeb/jjwt-
jackson-0.11.2.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/io.jsonwebtoken/jjwt-impl/0.11.
2/8fd8acf9d3cb9a2db05bfa484c2a1408cc3507f9/jjwt-
impl-0.11.2.jar:/Users/wenyuanli/.gradle/caches/
modules-2/files-2.1/org.latencyutils/LatencyUtils/2
.0.3/769c0b82cb2421c8256300e907298a9410a2a3d3/
LatencyUtils-2.0.3.jar:/Users/wenyuanli/.gradle/
caches/modules-2/files-2.1/org.jboss.xnio/xnio-nio/
3.8.4.Final/
109d7de9a4d995ed9f46e1409520ace346fe2fc4/xnio-nio-3
.8.4.Final.jar com.mycompany.myapp.
CourseEnrollBackendApp
2 22:35:02.029 [Thread-0] DEBUG org.springframework.
boot.devtools.restart.classloader.
RestartClassLoader - Created RestartClassLoader org
.springframework.boot.devtools.restart.classloader.
RestartClassLoader@66b0cd14

```



```
7
8
9
10
11 :: JHipster      :: Running Spring Boot 2.6.3 ::  
12 :: https://www.jhipster.tech ::  
13  
14 2022-03-08 22:35:03.382  INFO 54844 --- [  
     restartedMain] c.m.myapp.CourseEnrollBackendApp  
           : No active profile set, falling back to  
     default profiles: dev,api-docs  
15 2022-03-08 22:35:05.368 DEBUG 54844 --- [  
     restartedMain] jdk.event.security  
           : X509Certificate: Alg:  
     SHA1withDSA, Serial:10, Subject:CN=JCE Code Signing  
     CA, OU=Java Software Code Signing, O=Sun  
     Microsystems Inc, L=Palo Alto, ST=CA, C=US, Issuer:  
     CN=JCE Code Signing CA, OU=Java Software Code  
     Signing, O=Sun Microsystems Inc, L=Palo Alto, ST=CA  
     , C=US, Key type:DSA, Length:1024, Cert Id:  
     1776909028, Valid from:4/25/01, 2:00 AM, Valid  
     until:4/25/20, 2:00 AM  
16 2022-03-08 22:35:05.370 DEBUG 54844 --- [  
     restartedMain] jdk.event.security  
           : X509Certificate: Alg:  
     SHA1withDSA, Serial:47f, Subject:CN=Legion of the  
     Bouncy Castle Inc., OU=Java Software Code Signing,  
     O=Sun Microsystems Inc, Issuer:CN=JCE Code Signing  
     CA, OU=Java Software Code Signing, O=Sun  
     Microsystems Inc, L=Palo Alto, ST=CA, C=US, Key  
     type:DSA, Length:1024, Cert Id:-2023852845, Valid  
     from:3/10/17, 7:15 PM, Valid until:4/25/20, 2:00 AM  
17 2022-03-08 22:35:05.381 DEBUG 54844 --- [  
     restartedMain] jdk.event.security  
           : X509Certificate: Alg:  
     SHA1withRSA, Serial:3019a023aff58b16bd6d5eae617f066  
     , Subject:CN=DigiCert Timestamp Responder, O=  
     DigiCert, C=US, Issuer:CN=DigiCert Assured ID CA-1
```

```

17 , OU=www.digicert.com, O=DigiCert Inc, C=US, Key
  type:RSA, Length:2048, Cert Id:-499520198, Valid
  from:10/21/14, 7:00 PM, Valid until:10/21/24, 7:00
  PM
18 2022-03-08 22:35:05.382 DEBUG 54844 --- [
  restartedMain] jdk.event.security
    : X509Certificate: Alg:
    SHA1withRSA, Serial:6fdf9039603adea000aeb3f27bbba1b
    , Subject:CN=DigiCert Assured ID CA-1, OU=www.
    digicert.com, O=DigiCert Inc, C=US, Issuer:CN=
    DigiCert Assured ID Root CA, OU=www.digicert.com, O
    =DigiCert Inc, C=US, Key type:RSA, Length:2048,
    Cert Id:-1111363278, Valid from:11/9/06, 6:00 PM,
    Valid until:11/9/21, 6:00 PM
19 2022-03-08 22:35:05.417 DEBUG 54844 --- [
  restartedMain] jdk.event.security
    : X509Certificate: Alg:
    SHA256withRSA, Serial:3c9eb1fc89f733d3, Subject:CN=
    JCE Code Signing CA, OU=Java Software Code Signing
    , O=Oracle Corporation, Issuer:CN=JCE Code Signing
    CA, OU=Java Software Code Signing, O=Oracle
    Corporation, Key type:RSA, Length:2048, Cert Id:-1250580323,
    Valid from:7/6/16, 6:48 PM, Valid until
    :12/30/30, 6:00 PM
20 2022-03-08 22:35:05.419 DEBUG 54844 --- [
  restartedMain] jdk.event.security
    : X509Certificate: Alg:
    SHA256withRSA, Serial:4efb7bc62e2b049e, Subject:CN=
    Legion of the Bouncy Castle Inc., OU=Java Software
    Code Signing, O=Oracle Corporation, Issuer:CN=JCE
    Code Signing CA, OU=Java Software Code Signing, O=
    Oracle Corporation, Key type:DSA, Length:2048, Cert
    Id:-654023182, Valid from:3/10/17, 7:07 PM, Valid
    until:3/10/22, 7:07 PM
21 2022-03-08 22:35:05.424 DEBUG 54844 --- [
  restartedMain] jdk.event.security
    : X509Certificate: Alg:
    SHA256withRSA, Serial:
    4cd3f8568ae76c61bb0fe7160cca76d, Subject:CN=
    TIMESTAMP-SHA256-2019-10-15, O="DigiCert, Inc.", C=
    US, Issuer:CN=DigiCert SHA2 Assured ID Timestamping

```

```
21 CA, OU=www.digicert.com, O=DigiCert Inc, C=US, Key
   type:RSA, Length:2048, Cert Id:380147180, Valid
   from:9/30/19, 7:00 PM, Valid until:10/16/30, 7:00
   PM
22 2022-03-08 22:35:05.425 DEBUG 54844 --- [
   restartedMain] jdk.event.security
                  : X509Certificate: Alg:
   SHA256withRSA, Serial:
   aa125d6d6321b7e41e405da3697c215, Subject:CN=
   DigiCert SHA2 Assured ID Timestamping CA, OU=www.
   digicert.com, O=DigiCert Inc, C=US, Issuer:CN=
   DigiCert Assured ID Root CA, OU=www.digicert.com, O
   =DigiCert Inc, C=US, Key type:RSA, Length:2048,
   Cert Id:-1680473293, Valid from:1/7/16, 6:00 AM,
   Valid until:1/7/31, 6:00 AM
23 2022-03-08 22:35:05.731 DEBUG 54844 --- [
   restartedMain] i.m.c.u.i.logging.
   InternalLoggerFactory : Using SLF4J as the default
   logging framework
24 2022-03-08 22:35:05.832 DEBUG 54844 --- [
   restartedMain] c.mycompany.myapp.config.
   WebConfigurer : Registering CORS filter
25 2022-03-08 22:35:05.856 INFO 54844 --- [
   restartedMain] c.mycompany.myapp.config.
   WebConfigurer : Web application fully configured
26 2022-03-08 22:35:05.896 DEBUG 54844 --- [
   restartedMain] c.m.myapp.config.AsyncConfiguration
                  : Creating Async Task Executor
27 2022-03-08 22:35:05.955 DEBUG 54844 --- [
   restartedMain] c.m.myapp.config.
   LiquibaseConfiguration : Configuring Liquibase
28 2022-03-08 22:35:37.053 ERROR 54844 --- [
   restartedMain] com.zaxxer.hikari.pool.HikariPool
                  : Hikari - Exception during pool
   initialization.
29
30 com.mysql.cj.jdbc.exceptions.
   CommunicationsException: Communications link
   failure
31
32 The last packet sent successfully to the server was
```

```
32 0 milliseconds ago. The driver has not received
any packets from the server.
33      at com.mysql.cj.jdbc.exceptions.SQLException.
createCommunicationsException(SQLException.java:174)
34      at com.mysql.cj.jdbc.exceptions.
SQLExceptionsMapping.translateException(
SQLExceptionsMapping.java:64)
35      at com.mysql.cj.jdbc.ConnectionImpl.createNewIO
(ConnectionImpl.java:829)
36      at com.mysql.cj.jdbc.ConnectionImpl.<init>(
ConnectionImpl.java:449)
37      at com.mysql.cj.jdbc.ConnectionImpl.getInstance
(ConnectionImpl.java:242)
38      at com.mysql.cj.jdbc.NonRegisteringDriver.
connect(NonRegisteringDriver.java:198)
39      at com.zaxxer.hikari.util.DriverDataSource.
getConnection(DriverDataSource.java:138)
40      at com.zaxxer.hikari.pool.PoolBase.
newConnection(PoolBase.java:364)
41      at com.zaxxer.hikari.pool.PoolBase.newPoolEntry
(PoolBase.java:206)
42      at com.zaxxer.hikari.pool.HikariPool.
createPoolEntry(HikariPool.java:476)
43      at com.zaxxer.hikari.pool.HikariPool.
checkFailFast(HikariPool.java:561)
44      at com.zaxxer.hikari.pool.HikariPool.<init>(
HikariPool.java:115)
45      at com.zaxxer.hikari.HikariDataSource.
getConnection(HikariDataSource.java:112)
46      at tech.jhipster.config.liquibase.
AsyncSpringLiquibase.afterPropertiesSet(
AsyncSpringLiquibase.java:89)
47      at org.springframework.beans.factory.support.
AbstractAutowireCapableBeanFactory.
invokeInitMethods(
AbstractAutowireCapableBeanFactory.java:1863)
48      at org.springframework.beans.factory.support.
AbstractAutowireCapableBeanFactory.initializeBean(
AbstractAutowireCapableBeanFactory.java:1800)
49      at org.springframework.beans.factory.support.
AbstractAutowireCapableBeanFactory.doCreateBean(
```

```
49 AbstractAutowireCapableBeanFactory.java:620)
50     at org.springframework.beans.factory.support.
AbstractAutowireCapableBeanFactory.createBean(
AbstractAutowireCapableBeanFactory.java:542)
51     at org.springframework.beans.factory.support.
AbstractBeanFactory.lambda$doGetBean$0(
AbstractBeanFactory.java:335)
52     at org.springframework.beans.factory.support.
DefaultSingletonBeanRegistry.getSingleton(
DefaultSingletonBeanRegistry.java:234)
53     at org.springframework.beans.factory.support.
AbstractBeanFactory doGetBean(AbstractBeanFactory.
java:333)
54     at org.springframework.beans.factory.support.
AbstractBeanFactory.getBean(AbstractBeanFactory.
java:208)
55     at org.springframework.beans.factory.support.
AbstractBeanFactory doGetBean(AbstractBeanFactory.
java:322)
56     at org.springframework.beans.factory.support.
AbstractBeanFactory.getBean(AbstractBeanFactory.
java:208)
57     at org.springframework.context.support.
AbstractApplicationContext.getBean(
AbstractApplicationContext.java:1154)
58     at org.springframework.context.support.
AbstractApplicationContext.
finishBeanFactoryInitialization(
AbstractApplicationContext.java:908)
59     at org.springframework.context.support.
AbstractApplicationContext.refresh(
AbstractApplicationContext.java:583)
60     at org.springframework.boot.web.servlet.context
.ServletWebServerApplicationContext.refresh(
ServletWebServerApplicationContext.java:145)
61     at org.springframework.boot.SpringApplication.
refresh(SpringApplication.java:732)
62     at org.springframework.boot.SpringApplication.
refreshContext(SpringApplication.java:414)
63     at org.springframework.boot.SpringApplication.
run(SpringApplication.java:302)
```

```
64      at com.mycompany.myapp.CourseEnrollBackendApp.  
main(CourseEnrollBackendApp.java:69)  
65      at java.base/jdk.internal.reflect.  
NativeMethodAccessorImpl.invoke0(Native Method)  
66      at java.base/jdk.internal.reflect.  
NativeMethodAccessorImpl.invoke(  
NativeMethodAccessorImpl.java:62)  
67      at java.base/jdk.internal.reflect.  
DelegatingMethodAccessorImpl.invoke(  
DelegatingMethodAccessorImpl.java:43)  
68      at java.base/java.lang.reflect.Method.invoke(  
Method.java:566)  
69      at org.springframework.boot.devtools.restart.  
RestartLauncher.run(RestartLauncher.java:49)  
70 Caused by: com.mysql.cj.exceptions.  
CJCommunicationsException: Communications link  
failure  
71  
72 The last packet sent successfully to the server  
was 0 milliseconds ago. The driver has not  
received any packets from the server.  
73      at java.base/jdk.internal.reflect.  
NativeConstructorAccessorImpl.newInstance0(Native  
Method)  
74      at java.base/jdk.internal.reflect.  
NativeConstructorAccessorImpl.newInstance(  
NativeConstructorAccessorImpl.java:62)  
75      at java.base/jdk.internal.reflect.  
DelegatingConstructorAccessorImpl.newInstance(  
DelegatingConstructorAccessorImpl.java:45)  
76      at java.base/java.lang.reflect.Constructor.  
newInstance(Constructor.java:490)  
77      at com.mysql.cj.exceptions.ExceptionFactory.  
createException(ExceptionFactory.java:61)  
78      at com.mysql.cj.exceptions.ExceptionFactory.  
createException(ExceptionFactory.java:105)  
79      at com.mysql.cj.exceptions.ExceptionFactory.  
createException(ExceptionFactory.java:151)  
80      at com.mysql.cj.exceptions.ExceptionFactory.  
createCommunicationsException(ExceptionFactory.  
java:167)
```

```
81      at com.mysql.cj.protocol.a.  
NativeSocketConnection.connect(  
NativeSocketConnection.java:89)  
82      at com.mysql.cj.NativeSession.connect(  
NativeSession.java:120)  
83      at com.mysql.cj.jdbc.ConnectionImpl.  
connectOneTryOnly(ConnectionImpl.java:949)  
84      at com.mysql.cj.jdbc.ConnectionImpl.  
createNewIO(ConnectionImpl.java:819)  
85      ... 34 common frames omitted  
86 Caused by: java.net.SocketTimeoutException:  
    connect timed out  
87      at java.base/java.net.PlainSocketImpl.  
socketConnect(Native Method)  
88      at java.base/java.net.AbstractPlainSocketImpl.  
doConnect(AbstractPlainSocketImpl.java:412)  
89      at java.base/java.net.AbstractPlainSocketImpl.  
connectToAddress(AbstractPlainSocketImpl.java:255)  
90      at java.base/java.net.AbstractPlainSocketImpl.  
connect(AbstractPlainSocketImpl.java:237)  
91      at java.base/java.net.SocksSocketImpl.connect(  
SocksSocketImpl.java:392)  
92      at java.base/java.net.Socket.connect(Socket.  
java:609)  
93      at com.mysql.cj.protocol.StandardSocketFactory  
.connect(StandardSocketFactory.java:156)  
94      at com.mysql.cj.protocol.a.  
NativeSocketConnection.connect(  
NativeSocketConnection.java:63)  
95      ... 37 common frames omitted  
96  
97 2022-03-08 22:35:37.059 ERROR 54844 --- [  
restartedMain] t.j.c.liquibase.  
AsyncSpringLiquibase : Liquibase could not  
start correctly, your database is NOT ready:  
Communications link failure  
98  
99 The last packet sent successfully to the server  
was 0 milliseconds ago. The driver has not  
received any packets from the server.  
100
```

```
101 com.mysql.cj.jdbc.exceptions.  
    CommunicationsException: Communications link  
    failure  
102  
103 The last packet sent successfully to the server  
    was 0 milliseconds ago. The driver has not  
    received any packets from the server.  
104     at com.mysql.cj.jdbc.exceptions.SQLException.  
    createCommunicationsException(SQLException.java:174)  
105     at com.mysql.cj.jdbc.exceptions.  
    SQLExceptionsMapping.translateException(  
    SQLExceptionsMapping.java:64)  
106     at com.mysql.cj.jdbc.ConnectionImpl.  
    createNewIO(ConnectionImpl.java:829)  
107     at com.mysql.cj.jdbc.ConnectionImpl.<init>(  
    ConnectionImpl.java:449)  
108     at com.mysql.cj.jdbc.ConnectionImpl.  
    getInstance(ConnectionImpl.java:242)  
109     at com.mysql.cj.jdbc.NonRegisteringDriver.  
    connect(NonRegisteringDriver.java:198)  
110     at com.zaxxer.hikari.util.DriverDataSource.  
    getConnection(DriverDataSource.java:138)  
111     at com.zaxxer.hikari.pool.PoolBase.  
    newConnection(PoolBase.java:364)  
112     at com.zaxxer.hikari.pool.PoolBase.  
    newPoolEntry(PoolBase.java:206)  
113     at com.zaxxer.hikari.pool.HikariPool.  
    createPoolEntry(HikariPool.java:476)  
114     at com.zaxxer.hikari.pool.HikariPool.  
    checkFailFast(HikariPool.java:561)  
115     at com.zaxxer.hikari.pool.HikariPool.<init>(  
    HikariPool.java:115)  
116     at com.zaxxer.hikari.HikariDataSource.  
    getConnection(HikariDataSource.java:112)  
117     at tech.jhipster.config.liquibase.  
    AsyncSpringLiquibase.afterPropertiesSet(  
    AsyncSpringLiquibase.java:89)  
118     at org.springframework.beans.factory.support.  
    AbstractAutowireCapableBeanFactory.  
    invokeInitMethods(  
    AbstractAutowireCapableBeanFactory.java:1863)
```

```
119      at org.springframework.beans.factory.support.  
AbstractAutowireCapableBeanFactory.initializeBean(  
AbstractAutowireCapableBeanFactory.java:1800)  
120      at org.springframework.beans.factory.support.  
AbstractAutowireCapableBeanFactory.doCreateBean(  
AbstractAutowireCapableBeanFactory.java:620)  
121      at org.springframework.beans.factory.support.  
AbstractAutowireCapableBeanFactory.createBean(  
AbstractAutowireCapableBeanFactory.java:542)  
122      at org.springframework.beans.factory.support.  
AbstractBeanFactory.lambda$doGetBean$0(  
AbstractBeanFactory.java:335)  
123      at org.springframework.beans.factory.support.  
DefaultSingletonBeanRegistry.getSingleton(  
DefaultSingletonBeanRegistry.java:234)  
124      at org.springframework.beans.factory.support.  
AbstractBeanFactory doGetBean(AbstractBeanFactory.  
java:333)  
125      at org.springframework.beans.factory.support.  
AbstractBeanFactory.getBean(AbstractBeanFactory.  
java:208)  
126      at org.springframework.beans.factory.support.  
AbstractBeanFactory doGetBean(AbstractBeanFactory.  
java:322)  
127      at org.springframework.beans.factory.support.  
AbstractBeanFactory.getBean(AbstractBeanFactory.  
java:208)  
128      at org.springframework.context.support.  
AbstractApplicationContext.getBean(  
AbstractApplicationContext.java:1154)  
129      at org.springframework.context.support.  
AbstractApplicationContext.  
finishBeanFactoryInitialization(  
AbstractApplicationContext.java:908)  
130      at org.springframework.context.support.  
AbstractApplicationContext.refresh(  
AbstractApplicationContext.java:583)  
131      at org.springframework.boot.web.servlet.  
context.ServletWebServerApplicationContext.refresh  
(ServletWebServerApplicationContext.java:145)  
132      at org.springframework.boot.SpringApplication.
```

```
132 refresh(SpringApplication.java:732)
133     at org.springframework.boot.SpringApplication.
134         refreshContext(SpringApplication.java:414)
135     at org.springframework.boot.SpringApplication.
136         run(SpringApplication.java:302)
135     at com.mycompany.myapp.CourseEnrollBackendApp.
136         main(CourseEnrollBackendApp.java:69)
136     at java.base/jdk.internal.reflect.
137         NativeMethodAccessorImpl.invoke0(Native Method)
137     at java.base/jdk.internal.reflect.
138         NativeMethodAccessorImpl.invoke(
139             NativeMethodAccessorImpl.java:62)
138     at java.base/jdk.internal.reflect.
140         DelegatingMethodAccessorImpl.invoke(
141             DelegatingMethodAccessorImpl.java:43)
139     at java.base/java.lang.reflect.Method.invoke(
140         Method.java:566)
140     at org.springframework.boot.devtools.restart.
141         RestartLauncher.run(RestartLauncher.java:49)
141 Caused by: com.mysql.cj.exceptions.
142             CJCommunicationsException: Communications link
143             failure
142
143 The last packet sent successfully to the server
144             was 0 milliseconds ago. The driver has not
145             received any packets from the server.
144     at java.base/jdk.internal.reflect.
145         NativeConstructorAccessorImpl.newInstance0(Native
146             Method)
145     at java.base/jdk.internal.reflect.
146         NativeConstructorAccessorImpl.newInstance(
147             NativeConstructorAccessorImpl.java:62)
146     at java.base/jdk.internal.reflect.
148         DelegatingConstructorAccessorImpl.newInstance(
149             DelegatingConstructorAccessorImpl.java:45)
147     at java.base/java.lang.reflect.Constructor.
148         newInstance(Constructor.java:490)
148     at com.mysql.cj.exceptions.ExceptionFactory.
149         createException(ExceptionFactory.java:61)
149     at com.mysql.cj.exceptions.ExceptionFactory.
150         createException(ExceptionFactory.java:105)
```

```
150      at com.mysql.cj.exceptions.ExceptionFactory.  
         createException(ExceptionFactory.java:151)  
151      at com.mysql.cj.exceptions.ExceptionFactory.  
         createCommunicationsException(ExceptionFactory.  
         java:167)  
152      at com.mysql.cj.protocol.a.  
         NativeSocketConnection.connect(  
         NativeSocketConnection.java:89)  
153      at com.mysql.cj.NativeSession.connect(  
         NativeSession.java:120)  
154      at com.mysql.cj.jdbc.ConnectionImpl.  
         connectOneTryOnly(ConnectionImpl.java:949)  
155      at com.mysql.cj.jdbc.ConnectionImpl.  
         createNewIO(ConnectionImpl.java:819)  
156      ... 34 common frames omitted  
157 Caused by: java.net.SocketTimeoutException:  
    connect timed out  
158      at java.base/java.net.PlainSocketImpl.  
         socketConnect(Native Method)  
159      at java.base/java.net.AbstractPlainSocketImpl.  
         doConnect(AbstractPlainSocketImpl.java:412)  
160      at java.base/java.net.AbstractPlainSocketImpl.  
         connectToAddress(AbstractPlainSocketImpl.java:255)  
161      at java.base/java.net.AbstractPlainSocketImpl.  
         connect(AbstractPlainSocketImpl.java:237)  
162      at java.base/java.net.SocksSocketImpl.connect(  
         SocksSocketImpl.java:392)  
163      at java.base/java.net.Socket.connect(Socket.  
         java:609)  
164      at com.mysql.cj.protocol.StandardSocketFactory  
         .connect(StandardSocketFactory.java:156)  
165      at com.mysql.cj.protocol.a.  
         NativeSocketConnection.connect(  
         NativeSocketConnection.java:63)  
166      ... 37 common frames omitted  
167  
168 2022-03-08 22:36:08.347 ERROR 54844 --- [  
    restartedMain] com.zaxxer.hikari.pool.HikariPool  
        : Hikari - Exception during pool  
        initialization.  
169
```

```
170 com.mysql.cj.jdbc.exceptions.  
    CommunicationsException: Communications link  
    failure  
171  
172 The last packet sent successfully to the server  
    was 0 milliseconds ago. The driver has not  
    received any packets from the server.  
173     at com.mysql.cj.jdbc.exceptions.SQLException.  
    createCommunicationsException(SQLException.java:174)  
174     at com.mysql.cj.jdbc.exceptions.  
    SQLExceptionsMapping.translateException(  
    SQLExceptionsMapping.java:64)  
175     at com.mysql.cj.jdbc.ConnectionImpl.  
    createNewIO(ConnectionImpl.java:829)  
176     at com.mysql.cj.jdbc.ConnectionImpl.<init>(  
    ConnectionImpl.java:449)  
177     at com.mysql.cj.jdbc.ConnectionImpl.  
    getInstance(ConnectionImpl.java:242)  
178     at com.mysql.cj.jdbc.NonRegisteringDriver.  
    connect(NonRegisteringDriver.java:198)  
179     at com.zaxxer.hikari.util.DriverDataSource.  
    getConnection(DriverDataSource.java:138)  
180     at com.zaxxer.hikari.pool.PoolBase.  
    newConnection(PoolBase.java:364)  
181     at com.zaxxer.hikari.pool.PoolBase.  
    newPoolEntry(PoolBase.java:206)  
182     at com.zaxxer.hikari.pool.HikariPool.  
    createPoolEntry(HikariPool.java:476)  
183     at com.zaxxer.hikari.pool.HikariPool.  
    checkFailFast(HikariPool.java:561)  
184     at com.zaxxer.hikari.pool.HikariPool.<init>(  
    HikariPool.java:115)  
185     at com.zaxxer.hikari.HikariDataSource.  
    getConnection(HikariDataSource.java:112)  
186     at org.hibernate.engine.jdbc.connections.  
    internal.DatasourceConnectionProviderImpl.  
    getConnection(DatasourceConnectionProviderImpl.  
    java:122)  
187     at org.hibernate.engine.jdbc.env.internal.  
    JdbcEnvironmentInitiator$ConnectionProviderJdbcCon  
    nectionAccess.obtainConnection(
```

```
187  JdbcEnvironmentInitiator.java:181)
188      at org.hibernate.engine.jdbc.env.internal.
JdbcEnvironmentInitiator.initiateService(
JdbcEnvironmentInitiator.java:68)
189      at org.hibernate.engine.jdbc.env.internal.
JdbcEnvironmentInitiator.initiateService(
JdbcEnvironmentInitiator.java:35)
190      at org.hibernate.boot.registry.internal.
StandardServiceRegistryImpl.initiateService(
StandardServiceRegistryImpl.java:101)
191      at org.hibernate.service.internal.
AbstractServiceRegistryImpl.createService(
AbstractServiceRegistryImpl.java:263)
192      at org.hibernate.service.internal.
AbstractServiceRegistryImpl.initializeService(
AbstractServiceRegistryImpl.java:237)
193      at org.hibernate.service.internal.
AbstractServiceRegistryImpl.getService(
AbstractServiceRegistryImpl.java:214)
194      at org.hibernate.id.factory.internal.
DefaultIdentifierGeneratorFactory.injectServices(
DefaultIdentifierGeneratorFactory.java:175)
195      at org.hibernate.service.internal.
AbstractServiceRegistryImpl.injectDependencies(
AbstractServiceRegistryImpl.java:286)
196      at org.hibernate.service.internal.
AbstractServiceRegistryImpl.initializeService(
AbstractServiceRegistryImpl.java:243)
197      at org.hibernate.service.internal.
AbstractServiceRegistryImpl.getService(
AbstractServiceRegistryImpl.java:214)
198      at org.hibernate.boot.internal.
InFlightMetadataCollectorImpl.<init>(
InFlightMetadataCollectorImpl.java:173)
199      at org.hibernate.boot.model.process.spi.
MetadataBuildingProcess.complete(
MetadataBuildingProcess.java:127)
200      at org.hibernate.jpa.boot.internal.
EntityManagerFactoryBuilderImpl.metadata(
EntityManagerFactoryBuilderImpl.java:1460)
201      at org.hibernate.jpa.boot.internal.
```

```
201 EntityManagerFactoryBuilderImpl.build(
    EntityManagerFactoryBuilderImpl.java:1494)
202     at org.springframework.orm.jpa.vendor.
    SpringHibernateJpaPersistenceProvider.
    createContainerEntityManagerFactory(
    SpringHibernateJpaPersistenceProvider.java:58)
203     at org.springframework.orm.jpa.
    LocalContainerEntityManagerFactoryBean.
    createNativeEntityManagerFactory(
    LocalContainerEntityManagerFactoryBean.java:365)
204     at org.springframework.orm.jpa.
    AbstractEntityManagerFactoryBean.
    buildNativeEntityManagerFactory(
    AbstractEntityManagerFactoryBean.java:409)
205     at org.springframework.orm.jpa.
    AbstractEntityManagerFactoryBean.
    afterPropertiesSet(
    AbstractEntityManagerFactoryBean.java:396)
206     at org.springframework.orm.jpa.
    LocalContainerEntityManagerFactoryBean.
    afterPropertiesSet(
    LocalContainerEntityManagerFactoryBean.java:341)
207     at org.springframework.beans.factory.support.
    AbstractAutowireCapableBeanFactory.
    invokeInitMethods(
    AbstractAutowireCapableBeanFactory.java:1863)
208     at org.springframework.beans.factory.support.
    AbstractAutowireCapableBeanFactory.initializeBean(
    AbstractAutowireCapableBeanFactory.java:1800)
209     at org.springframework.beans.factory.support.
    AbstractAutowireCapableBeanFactory.doCreateBean(
    AbstractAutowireCapableBeanFactory.java:620)
210     at org.springframework.beans.factory.support.
    AbstractAutowireCapableBeanFactory.createBean(
    AbstractAutowireCapableBeanFactory.java:542)
211     at org.springframework.beans.factory.support.
    AbstractBeanFactory.lambda$doGetBean$0(
    AbstractBeanFactory.java:335)
212     at org.springframework.beans.factory.support.
    DefaultSingletonBeanRegistry.getSingleton(
    DefaultSingletonBeanRegistry.java:234)
```

```
213      at org.springframework.beans.factory.support.  
AbstractBeanFactory doGetBean(AbstractBeanFactory.  
java:333)  
214      at org.springframework.beans.factory.support.  
AbstractBeanFactory getBean(AbstractBeanFactory.  
java:208)  
215      at org.springframework.context.support.  
AbstractApplicationContext getBean(  
AbstractApplicationContext.java:1154)  
216      at org.springframework.context.support.  
AbstractApplicationContext.  
finishBeanFactoryInitialization(  
AbstractApplicationContext.java:908)  
217      at org.springframework.context.support.  
AbstractApplicationContext refresh(  
AbstractApplicationContext.java:583)  
218      at org.springframework.boot.web.servlet.  
context.ServletWebServerApplicationContext refresh  
(ServletWebServerApplicationContext.java:145)  
219      at org.springframework.boot.SpringApplication.  
refresh(SpringApplication.java:732)  
220      at org.springframework.boot.SpringApplication.  
refreshContext(SpringApplication.java:414)  
221      at org.springframework.boot.SpringApplication.  
run(SpringApplication.java:302)  
222      at com.mycompany.myapp.CourseEnrollBackendApp.  
main(CourseEnrollBackendApp.java:69)  
223      at java.base/jdk.internal.reflect.  
NativeMethodAccessorImpl.invoke0(Native Method)  
224      at java.base/jdk.internal.reflect.  
NativeMethodAccessorImpl.invoke(  
NativeMethodAccessorImpl.java:62)  
225      at java.base/jdk.internal.reflect.  
DelegatingMethodAccessorImpl.invoke(  
DelegatingMethodAccessorImpl.java:43)  
226      at java.base/java.lang.reflect.Method.invoke(  
Method.java:566)  
227      at org.springframework.boot.devtools.restart.  
RestartLauncher.run(RestartLauncher.java:49)  
228 Caused by: com.mysql.cj.exceptions.  
CJCommunicationsException: Communications link
```

```
228 failure
229
230 The last packet sent successfully to the server
      was 0 milliseconds ago. The driver has not
      received any packets from the server.
231     at java.base/jdk.internal.reflect.
NativeConstructorAccessorImpl.newInstance(Native
Method)
232     at java.base/jdk.internal.reflect.
NativeConstructorAccessorImpl.newInstance(
NativeConstructorAccessorImpl.java:62)
233     at java.base/jdk.internal.reflect.
DelegatingConstructorAccessorImpl.newInstance(
DelegatingConstructorAccessorImpl.java:45)
234     at java.base/java.lang.reflect.Constructor.
newInstance(Constructor.java:490)
235     at com.mysql.cj.exceptions.ExceptionFactory.
createException(ExceptionFactory.java:61)
236     at com.mysql.cj.exceptions.ExceptionFactory.
createException(ExceptionFactory.java:105)
237     at com.mysql.cj.exceptions.ExceptionFactory.
createException(ExceptionFactory.java:151)
238     at com.mysql.cj.exceptions.ExceptionFactory.
createCommunicationsException(ExceptionFactory.
java:167)
239     at com.mysql.cj.protocol.a.
NativeSocketConnection.connect(
NativeSocketConnection.java:89)
240     at com.mysql.cj.NativeSession.connect(
NativeSession.java:120)
241     at com.mysql.cj.jdbc.ConnectionImpl.
connectOneTryOnly(ConnectionImpl.java:949)
242     at com.mysql.cj.jdbc.ConnectionImpl.
createNewIO(ConnectionImpl.java:819)
243     ... 52 common frames omitted
244 Caused by: java.net.SocketTimeoutException:
      connect timed out
245     at java.base/java.net.PlainSocketImpl.
socketConnect(Native Method)
246     at java.base/java.net.AbstractPlainSocketImpl.
doConnect(AbstractPlainSocketImpl.java:412)
```

```
247      at java.base/java.net.AbstractPlainSocketImpl.
connectToAddress(AbstractPlainSocketImpl.java:255)
248      at java.base/java.net.AbstractPlainSocketImpl.
connect(AbstractPlainSocketImpl.java:237)
249      at java.base/java.net.SocksSocketImpl.connect(
SocksSocketImpl.java:392)
250      at java.base/java.net.Socket.connect(Socket.
java:609)
251      at com.mysql.cj.protocol.StandardSocketFactory
.connect(StandardSocketFactory.java:156)
252      at com.mysql.cj.protocol.a.
NativeSocketConnection.connect(
NativeSocketConnection.java:63)
253      ... 55 common frames omitted
254
255 2022-03-08 22:36:08.361  WARN 54844 --- [
restartedMain] o.h.e.j.e.i.
JdbcEnvironmentInitiator      : HHH000342: Could
not obtain connection to query metadata
256
257 com.mysql.cj.jdbc.exceptions.
CommunicationsException: Communications link
failure
258
259 The last packet sent successfully to the server
was 0 milliseconds ago. The driver has not
received any packets from the server.
260      at com.mysql.cj.jdbc.exceptions.SQLException.
createCommunicationsException(SQLException.java:174)
261      at com.mysql.cj.jdbc.exceptions.
SQLExceptionsMapping.translateException(
SQLExceptionsMapping.java:64)
262      at com.mysql.cj.jdbc.ConnectionImpl.
createNewIO(ConnectionImpl.java:829)
263      at com.mysql.cj.jdbc.ConnectionImpl.<init>(
ConnectionImpl.java:449)
264      at com.mysql.cj.jdbc.ConnectionImpl.
getInstance(ConnectionImpl.java:242)
265      at com.mysql.cj.jdbc.NonRegisteringDriver.
connect(NonRegisteringDriver.java:198)
266      at com.zaxxer.hikari.util.DriverDataSource.
```

```
266 getConnection(DriverDataSource.java:138)
267     at com.zaxxer.hikari.pool.PoolBase.
268         newConnection(PoolBase.java:364)
269     at com.zaxxer.hikari.pool.PoolBase.
270         newPoolEntry(PoolBase.java:206)
271     at com.zaxxer.hikari.pool.HikariPool.
272         createPoolEntry(HikariPool.java:476)
273     at com.zaxxer.hikari.pool.HikariPool.
274         checkFailFast(HikariPool.java:561)
275     at com.zaxxer.hikari.pool.HikariPool.<init>(
276         HikariPool.java:115)
277     at com.zaxxer.hikari.HikariDataSource.
278         getConnection(HikariDataSource.java:112)
279     at org.hibernate.engine.jdbc.connections.
280         internal.DatasourceConnectionProviderImpl.
281         getConnection(DatasourceConnectionProviderImpl.
282             java:122)
283     at org.hibernate.engine.jdbc.env.internal.
284         JdbcEnvironmentInitiator$ConnectionProviderJdbcCon-
285         nectionAccess.obtainConnection(
286         JdbcEnvironmentInitiator.java:181)
287     at org.hibernate.engine.jdbc.env.internal.
288         JdbcEnvironmentInitiator.initiateService(
289         JdbcEnvironmentInitiator.java:68)
290     at org.hibernate.engine.jdbc.env.internal.
291         JdbcEnvironmentInitiator.initiateService(
292         JdbcEnvironmentInitiator.java:35)
293     at org.hibernate.boot.registry.internal.
294         StandardServiceRegistryImpl.initiateService(
295         StandardServiceRegistryImpl.java:101)
296     at org.hibernate.service.internal.
297         AbstractServiceRegistryImpl.createService(
298         AbstractServiceRegistryImpl.java:263)
299     at org.hibernate.service.internal.
300         AbstractServiceRegistryImpl.initializeService(
301         AbstractServiceRegistryImpl.java:237)
302     at org.hibernate.service.internal.
303         AbstractServiceRegistryImpl.getService(
304         AbstractServiceRegistryImpl.java:214)
305     at org.hibernate.id.factory.internal.
306         DefaultIdentifierGeneratorFactory.injectServices(
```

```
281 DefaultIdentifierGeneratorFactory.java:175)
282     at org.hibernate.service.internal.
283         AbstractServiceRegistryImpl.injectDependencies(
284             AbstractServiceRegistryImpl.java:286)
285     at org.hibernate.service.internal.
286         AbstractServiceRegistryImpl.initializeService(
287             AbstractServiceRegistryImpl.java:243)
288     at org.hibernate.service.internal.
289         AbstractServiceRegistryImpl.getService(
290             AbstractServiceRegistryImpl.java:214)
291     at org.hibernate.boot.internal.
292         InFlightMetadataCollectorImpl.<init>(
293             InFlightMetadataCollectorImpl.java:173)
294     at org.hibernate.boot.model.process.spi.
295         MetadataBuildingProcess.complete(
296             MetadataBuildingProcess.java:127)
297     at org.hibernate.jpa.boot.internal.
298         EntityManagerFactoryBuilderImpl.metadata(
299             EntityManagerFactoryBuilderImpl.java:1460)
300     at org.hibernate.jpa.boot.internal.
301         EntityManagerFactoryBuilderImpl.build(
302             EntityManagerFactoryBuilderImpl.java:1494)
303     at org.springframework.orm.jpa.vendor.
304         SpringHibernateJpaPersistenceProvider.
305         createContainerEntityManagerFactory(
306             SpringHibernateJpaPersistenceProvider.java:58)
307     at org.springframework.orm.jpa.
308         LocalContainerEntityManagerFactoryBean.
309         createNativeEntityManagerFactory(
310             LocalContainerEntityManagerFactoryBean.java:365)
311     at org.springframework.orm.jpa.
312         AbstractEntityManagerFactoryBean.
313         buildNativeEntityManagerFactory(
314             AbstractEntityManagerFactoryBean.java:409)
315     at org.springframework.orm.jpa.
316         AbstractEntityManagerFactoryBean.
317         afterPropertiesSet(
318             AbstractEntityManagerFactoryBean.java:396)
319     at org.springframework.orm.jpa.
320         LocalContainerEntityManagerFactoryBean.
321         afterPropertiesSet(
```

```
293 LocalContainerEntityManagerFactoryBean.java:341)
294     at org.springframework.beans.factory.support.
AbstractAutowireCapableBeanFactory.
invokeInitMethods(
AbstractAutowireCapableBeanFactory.java:1863)
295     at org.springframework.beans.factory.support.
AbstractAutowireCapableBeanFactory.initializeBean(
AbstractAutowireCapableBeanFactory.java:1800)
296     at org.springframework.beans.factory.support.
AbstractAutowireCapableBeanFactory.doCreateBean(
AbstractAutowireCapableBeanFactory.java:620)
297     at org.springframework.beans.factory.support.
AbstractAutowireCapableBeanFactory.createBean(
AbstractAutowireCapableBeanFactory.java:542)
298     at org.springframework.beans.factory.support.
AbstractBeanFactory.lambda$doGetBean$0(
AbstractBeanFactory.java:335)
299     at org.springframework.beans.factory.support.
DefaultSingletonBeanRegistry.getSingleton(
DefaultSingletonBeanRegistry.java:234)
300     at org.springframework.beans.factory.support.
AbstractBeanFactory doGetBean(AbstractBeanFactory.
java:333)
301     at org.springframework.beans.factory.support.
AbstractBeanFactory.getBean(AbstractBeanFactory.
java:208)
302     at org.springframework.context.support.
AbstractApplicationContext.getBean(
AbstractApplicationContext.java:1154)
303     at org.springframework.context.support.
AbstractApplicationContext.
finishBeanFactoryInitialization(
AbstractApplicationContext.java:908)
304     at org.springframework.context.support.
AbstractApplicationContext.refresh(
AbstractApplicationContext.java:583)
305     at org.springframework.boot.web.servlet.
context.ServletWebServerApplicationContext.refresh
(ServletWebServerApplicationContext.java:145)
306     at org.springframework.boot.SpringApplication.
refresh(SpringApplication.java:732)
```

```
307      at org.springframework.boot.SpringApplication.  
refreshContext(SpringApplication.java:414)  
308      at org.springframework.boot.SpringApplication.  
run(SpringApplication.java:302)  
309      at com.mycompany.myapp.CourseEnrollBackendApp.  
main(CourseEnrollBackendApp.java:69)  
310      at java.base/jdk.internal.reflect.  
NativeMethodAccessorImpl.invoke0(Native Method)  
311      at java.base/jdk.internal.reflect.  
NativeMethodAccessorImpl.invoke(  
NativeMethodAccessorImpl.java:62)  
312      at java.base/jdk.internal.reflect.  
DelegatingMethodAccessorImpl.invoke(  
DelegatingMethodAccessorImpl.java:43)  
313      at java.base/java.lang.reflect.Method.invoke(  
Method.java:566)  
314      at org.springframework.boot.devtools.restart.  
RestartLauncher.run(RestartLauncher.java:49)  
315 Caused by: com.mysql.cj.exceptions.  
CJCommunicationsException: Communications link  
failure  
316  
317 The last packet sent successfully to the server  
was 0 milliseconds ago. The driver has not  
received any packets from the server.  
318      at java.base/jdk.internal.reflect.  
NativeConstructorAccessorImpl.newInstance0(Native  
Method)  
319      at java.base/jdk.internal.reflect.  
NativeConstructorAccessorImpl.newInstance(  
NativeConstructorAccessorImpl.java:62)  
320      at java.base/jdk.internal.reflect.  
DelegatingConstructorAccessorImpl.newInstance(  
DelegatingConstructorAccessorImpl.java:45)  
321      at java.base/java.lang.reflect.Constructor.  
newInstance(Constructor.java:490)  
322      at com.mysql.cj.exceptions.ExceptionFactory.  
createException(ExceptionFactory.java:61)  
323      at com.mysql.cj.exceptions.ExceptionFactory.  
createException(ExceptionFactory.java:105)  
324      at com.mysql.cj.exceptions.ExceptionFactory.
```

```
324 createException(ExceptionFactory.java:151)
325     at com.mysql.cj.exceptions.ExceptionFactory.
326         createCommunicationsException(ExceptionFactory.
327             java:167)
328     at com.mysql.cj.protocol.a.
329         NativeSocketConnection.connect(
330             NativeSocketConnection.java:89)
331     at com.mysql.cj.NativeSession.connect(
332         NativeSession.java:120)
333     at com.mysql.cj.jdbc.ConnectionImpl.
334         connectOneTryOnly(ConnectionImpl.java:949)
335     at com.mysql.cj.jdbc.ConnectionImpl.
336         createNewIO(ConnectionImpl.java:819)
337     ... 52 common frames omitted
338 Caused by: java.net.SocketTimeoutException:
339     connect timed out
340     at java.base/java.net.PlainSocketImpl.
341         socketConnect(Native Method)
342     at java.base/java.net.AbstractPlainSocketImpl.
343         doConnect(AbstractPlainSocketImpl.java:412)
344     at java.base/java.net.AbstractPlainSocketImpl.
345         connectToAddress(AbstractPlainSocketImpl.java:255)
346     at java.base/java.net.AbstractPlainSocketImpl.
347         connect(AbstractPlainSocketImpl.java:237)
348     at java.base/java.net.SocksSocketImpl.connect(
349         SocksSocketImpl.java:392)
350     at java.base/java.net.Socket.connect(Socket.
351         java:609)
352     at com.mysql.cj.protocol.StandardSocketFactory
353         .connect(StandardSocketFactory.java:156)
354     at com.mysql.cj.protocol.a.
355         NativeSocketConnection.connect(
356             NativeSocketConnection.java:63)
357     ... 55 common frames omitted
358
359 2022-03-08 22:36:08.366 ERROR 54844 --- [
360     restartedMain] j.
361 LocalContainerEntityManagerFactoryBean : Failed to
362     initialize JPA EntityManagerFactory: Unable to
363     create requested service [org.hibernate.engine.
364     jdbc.env.spi.JdbcEnvironment]
```

```
343 2022-03-08 22:36:08.369  WARN 54844 --- [  
  restartedMain]  
ConfigServletWebServerApplicationContext :  
Exception encountered during context  
initialization - cancelling refresh attempt: org.  
springframework.beans.factory.  
BeanCreationException: Error creating bean with  
name 'entityManagerFactory' defined in class path  
resource [org/springframework/boot/autoconfigure/  
orm/jpa/HibernateJpaConfiguration.class]:  
Invocation of init method failed; nested exception  
is org.hibernate.service.spi.ServiceException:  
Unable to create requested service [org.hibernate.  
engine.jdbc.env.spi.JdbcEnvironment]  
344 2022-03-08 22:36:08.414 ERROR 54844 --- [  
  restartedMain] o.s.boot.SpringApplication  
          : Application run failed  
345  
346 org.springframework.beans.factory.  
BeanCreationException: Error creating bean with  
name 'entityManagerFactory' defined in class path  
resource [org/springframework/boot/autoconfigure/  
orm/jpa/HibernateJpaConfiguration.class]:  
Invocation of init method failed; nested exception  
is org.hibernate.service.spi.ServiceException:  
Unable to create requested service [org.hibernate.  
engine.jdbc.env.spi.JdbcEnvironment]  
347      at org.springframework.beans.factory.support.  
AbstractAutowireCapableBeanFactory.initializeBean(  
AbstractAutowireCapableBeanFactory.java:1804)  
348      at org.springframework.beans.factory.support.  
AbstractAutowireCapableBeanFactory.doCreateBean(  
AbstractAutowireCapableBeanFactory.java:620)  
349      at org.springframework.beans.factory.support.  
AbstractAutowireCapableBeanFactory.createBean(  
AbstractAutowireCapableBeanFactory.java:542)  
350      at org.springframework.beans.factory.support.  
AbstractBeanFactory.lambda$doGetBean$0(  
AbstractBeanFactory.java:335)  
351      at org.springframework.beans.factory.support.  
DefaultSingletonBeanRegistry.getSingleton(
```

```
351 DefaultSingletonBeanRegistry.java:234)
352     at org.springframework.beans.factory.support.
AbstractBeanFactory doGetBean(AbstractBeanFactory.
java:333)
353     at org.springframework.beans.factory.support.
AbstractBeanFactory getBean(AbstractBeanFactory.
java:208)
354     at org.springframework.context.support.
AbstractApplicationContext getBean(
AbstractApplicationContext.java:1154)
355     at org.springframework.context.support.
AbstractApplicationContext.
finishBeanFactoryInitialization(
AbstractApplicationContext.java:908)
356     at org.springframework.context.support.
AbstractApplicationContext refresh(
AbstractApplicationContext.java:583)
357     at org.springframework.boot.web.servlet.
context.ServletWebServerApplicationContext.refresh
(ServletWebServerApplicationContext.java:145)
358     at org.springframework.boot.SpringApplication.
refresh(SpringApplication.java:732)
359     at org.springframework.boot.SpringApplication.
refreshContext(SpringApplication.java:414)
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run(SpringApplication.java:302)
361     at com.mycompany.myapp.CourseEnrollBackendApp.
main(CourseEnrollBackendApp.java:69)
362     at java.base/jdk.internal.reflect.
NativeMethodAccessorImpl.invoke0(Native Method)
363     at java.base/jdk.internal.reflect.
NativeMethodAccessorImpl.invoke(
NativeMethodAccessorImpl.java:62)
364     at java.base/jdk.internal.reflect.
DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:43)
365     at java.base/java.lang.reflect.Method.invoke(
Method.java:566)
366     at org.springframework.boot.devtools.restart.
RestartLauncher.run(RestartLauncher.java:49)
367 Caused by: org.hibernate.service.spi.
```

```
367 ServiceException: Unable to create requested
    service [org.hibernate.engine.jdbc.env.spi.
    JdbcEnvironment]
368     at org.hibernate.service.internal.
    AbstractServiceRegistryImpl.createService(
    AbstractServiceRegistryImpl.java:275)
369     at org.hibernate.service.internal.
    AbstractServiceRegistryImpl.initializeService(
    AbstractServiceRegistryImpl.java:237)
370     at org.hibernate.service.internal.
    AbstractServiceRegistryImpl.getService(
    AbstractServiceRegistryImpl.java:214)
371     at org.hibernate.id.factory.internal.
    DefaultIdentifierGeneratorFactory.injectServices(
    DefaultIdentifierGeneratorFactory.java:175)
372     at org.hibernate.service.internal.
    AbstractServiceRegistryImpl.injectDependencies(
    AbstractServiceRegistryImpl.java:286)
373     at org.hibernate.service.internal.
    AbstractServiceRegistryImpl.initializeService(
    AbstractServiceRegistryImpl.java:243)
374     at org.hibernate.service.internal.
    AbstractServiceRegistryImpl.getService(
    AbstractServiceRegistryImpl.java:214)
375     at org.hibernate.boot.internal.
    InFlightMetadataCollectorImpl.<init>(
    InFlightMetadataCollectorImpl.java:173)
376     at org.hibernate.boot.model.process.spi.
    MetadataBuildingProcess.complete(
    MetadataBuildingProcess.java:127)
377     at org.hibernate.jpa.boot.internal.
    EntityManagerFactoryBuilderImpl.metadata(
    EntityManagerFactoryBuilderImpl.java:1460)
378     at org.hibernate.jpa.boot.internal.
    EntityManagerFactoryBuilderImpl.build(
    EntityManagerFactoryBuilderImpl.java:1494)
379     at org.springframework.orm.jpa.vendor.
    SpringHibernateJpaPersistenceProvider.
    createContainerEntityManagerFactory(
    SpringHibernateJpaPersistenceProvider.java:58)
380     at org.springframework.orm.jpa.
```

```
380 LocalContainerEntityManagerFactoryBean.  
      createNativeEntityManagerFactory(  
          LocalContainerEntityManagerFactoryBean.java:365)  
381      at org.springframework.orm.jpa.  
          AbstractEntityManagerFactoryBean.  
          buildNativeEntityManagerFactory(  
              AbstractEntityManagerFactoryBean.java:409)  
382      at org.springframework.orm.jpa.  
          AbstractEntityManagerFactoryBean.  
          afterPropertiesSet(  
              AbstractEntityManagerFactoryBean.java:396)  
383      at org.springframework.orm.jpa.  
          LocalContainerEntityManagerFactoryBean.  
          afterPropertiesSet(  
              LocalContainerEntityManagerFactoryBean.java:341)  
384      at org.springframework.beans.factory.support.  
          AbstractAutowireCapableBeanFactory.  
          invokeInitMethods(  
              AbstractAutowireCapableBeanFactory.java:1863)  
385      at org.springframework.beans.factory.support.  
          AbstractAutowireCapableBeanFactory.initializeBean(  
              AbstractAutowireCapableBeanFactory.java:1800)  
386      ... 19 common frames omitted  
387 Caused by: org.hibernate.HibernateException:  
    Access to DialectResolutionInfo cannot be null  
    when 'hibernate.dialect' not set  
388      at org.hibernate.engine.jdbc.dialect.internal.  
          DialectFactoryImpl.determineDialect(  
              DialectFactoryImpl.java:100)  
389      at org.hibernate.engine.jdbc.dialect.internal.  
          DialectFactoryImpl.buildDialect(DialectFactoryImpl  
              .java:54)  
390      at org.hibernate.engine.jdbc.env.internal.  
          JdbcEnvironmentInitiator.initiateService(  
              JdbcEnvironmentInitiator.java:138)  
391      at org.hibernate.engine.jdbc.env.internal.  
          JdbcEnvironmentInitiator.initiateService(  
              JdbcEnvironmentInitiator.java:35)  
392      at org.hibernate.boot.registry.internal.  
          StandardServiceRegistryImpl.initiateService(  
              StandardServiceRegistryImpl.java:101)
```

```
393      at org.hibernate.service.internal.  
AbstractServiceRegistryImpl.createService(  
AbstractServiceRegistryImpl.java:263)  
394      ... 36 common frames omitted  
395  
396 Exception in thread "SpringApplicationShutdownHook"  
" java.lang.ArrayIndexOutOfBoundsException:  
arraycopy: length -2 is negative  
397      at java.base/java.lang.System.arraycopy(Native  
Method)  
398      at java.base/java.util.ArrayList.  
shiftTailOverGap(ArrayList.java:778)  
399      at java.base/java.util.ArrayList.batchRemove(  
ArrayList.java:871)  
400      at java.base/java.util.ArrayList.removeAll(  
ArrayList.java:843)  
401      at ch.qos.logback.classic.LoggerContext.  
resetListenersExceptResetResistant(LoggerContext.  
java:305)  
402      at ch.qos.logback.classic.LoggerContext.reset(  
LoggerContext.java:227)  
403      at ch.qos.logback.classic.LoggerContext.stop(  
LoggerContext.java:348)  
404      at org.springframework.boot.logging.logback.  
LogbackLoggingSystem.lambda$getShutdownHandler$0(  
LogbackLoggingSystem.java:284)  
405      at java.base/java.lang.Iterable.forEach(  
Iterable.java:75)  
406      at org.springframework.boot.  
SpringApplicationShutdownHook.run(  
SpringApplicationShutdownHook.java:108)  
407      at java.base/java.lang.Thread.run(Thread.java:  
829)  
408  
409 Process finished with exit code 0  
410
```