МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ РОССИЙСКОЙ ФЕДЕРАЦИИ

федеральное государственное автономное образовательное учреждение высшего образования

«САНКТ-ПЕТЕРБУРГСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ АЭРОКОСМИЧЕСКОГО ПРИБОРОСТРОЕНИЯ»

ИНСТИТУТ ВЫЧИСЛИТЕЛЬНЫХ СИСТЕМ И ПРОГРАММИРОВАНИЯ

КАФЕДРА компьютерных технологий и программной инженерии

ОТЧЕТ   
ЗАЩИЩЕН С ОЦЕНКОЙ

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| ОТЧЕТ О ЛАБОРАТОРНОЙ РАБОТЕ №8 |
| «Разработка микросервиса» |
| по курсу: Технологии разработки серверных информационных систем |
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РАБОТУ ВЫПОЛНИЛ

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## Цель работы

Изучение способов контейнеризации приложений. Подготовьте Ваше приложение к разворачиванию в облачном сервисе или компоненте Docker.

## Задание:

Модифицируйте текст программы и pom файл так, чтобы строилось Ваше приложение из лабораторной работы номер 3. Убедитесь что оно по прежнему строится.

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| Вариант: 8. Учет трат в бюджете семьи. |

## Описание разрабатываемого продукта:

### pom.xml (фрагмент)

<build>

<plugins>

<plugin>

<!-- Build an executable JAR -->

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-jar-plugin</artifactId>

<version>3.1.0</version>

<configuration>

<archive>

<manifest>

<addClasspath>true</addClasspath>

<classpathPrefix>lib/</classpathPrefix>

<mainClass>suai.trsis2021.lab4.Lab4Application</mainClass>

</manifest>

</archive>

</configuration>

</plugin>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-compiler-plugin</artifactId>

</plugin>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

<!-- build docker image -->

<executions>

<execution>

<goals>

<goal>build-image</goal>

</goals>

</execution>

</executions>

</plugin>

</plugins>

</build>

### application.yaml

spring:

jpa:

hibernate:

ddl-auto: create-drop

show-sql: true

database-platform: org.hibernate.dialect.DerbyDialect

datasource:

url: jdbc:derby:memory:demo;create=true

driver-class-name: org.apache.derby.jdbc.EmbeddedDriver

### Dockerfile

FROM openjdk:11

ARG JAR\_FILE=target/\*.jar

COPY ${JAR\_FILE} app.jar

ENTRYPOINT ["java","-jar","/app.jar"]

(Игнорируется при создании docker image, поскольку image создается с помощью плагина maven)

### Maven packege

#### Без запущенного docker

C:\Users\limenitis\.jdks\openjdk-17.0.1\bin\java.exe "-Dmaven.multiModuleProjectDirectory=D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)" "-Dmaven.home=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven3" "-Dclassworlds.conf=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven3\bin\m2.conf" "-Dmaven.ext.class.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven-event-listener.jar" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\lib\idea\_rt.jar=58157:C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\bin" -Dfile.encoding=UTF-8 -classpath "C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven3\boot\plexus-classworlds-2.6.0.jar;C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven3\boot\plexus-classworlds.license" org.codehaus.classworlds.Launcher -Didea.version=2021.3 package

[INFO] Scanning for projects...

[INFO]

[INFO] ------------------------< suai.trsis2021:lab6 >-------------------------

[INFO] Building lab6 0.0.1-SNAPSHOT

[INFO] --------------------------------[ jar ]---------------------------------

[INFO]

[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ lab6 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] Copying 1 resource

[INFO] Copying 6 resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ lab6 ---

[INFO] Changes detected - recompiling the module!

[INFO] Compiling 9 source files to D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\target\classes

[INFO] /D:/Projects/SUAI/Server\_Systems\_Development\_Technology/Lab\_Limenitiz/lab8-(6-Derby)/src/main/java/suai/trsis2021/lab4/util/WebSecurityConfig.java: D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\src\main\java\suai\trsis2021\lab4\util\WebSecurityConfig.java uses or overrides a deprecated API.

[INFO] /D:/Projects/SUAI/Server\_Systems\_Development\_Technology/Lab\_Limenitiz/lab8-(6-Derby)/src/main/java/suai/trsis2021/lab4/util/WebSecurityConfig.java: Recompile with -Xlint:deprecation for details.

[INFO]

[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ lab6 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] skip non existing resourceDirectory D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\src\test\resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ lab6 ---

[INFO] Changes detected - recompiling the module!

[INFO] Compiling 1 source file to D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\target\test-classes

[INFO]

[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ lab6 ---

[INFO]

[INFO] -------------------------------------------------------

[INFO] T E S T S

[INFO] -------------------------------------------------------

[INFO] Running suai.trsis2021.lab3.Lab2ApplicationTests

14:25:43.683 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating CacheAwareContextLoaderDelegate from class [org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegate]

14:25:43.712 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating BootstrapContext using constructor [public org.springframework.test.context.support.DefaultBootstrapContext(java.lang.Class,org.springframework.test.context.CacheAwareContextLoaderDelegate)]

14:25:43.776 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating TestContextBootstrapper for test class [suai.trsis2021.lab3.Lab2ApplicationTests] from class [org.springframework.boot.test.context.SpringBootTestContextBootstrapper]

14:25:43.809 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Neither @ContextConfiguration nor @ContextHierarchy found for test class [suai.trsis2021.lab3.Lab2ApplicationTests], using SpringBootContextLoader

14:25:43.824 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [suai.trsis2021.lab3.Lab2ApplicationTests]: class path resource [suai/trsis2021/lab3/Lab2ApplicationTests-context.xml] does not exist

14:25:43.825 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [suai.trsis2021.lab3.Lab2ApplicationTests]: class path resource [suai/trsis2021/lab3/Lab2ApplicationTestsContext.groovy] does not exist

14:25:43.825 [main] INFO org.springframework.test.context.support.AbstractContextLoader - Could not detect default resource locations for test class [suai.trsis2021.lab3.Lab2ApplicationTests]: no resource found for suffixes {-context.xml, Context.groovy}.

14:25:43.935 [main] DEBUG org.springframework.test.context.support.ActiveProfilesUtils - Could not find an 'annotation declaring class' for annotation type [org.springframework.test.context.ActiveProfiles] and class [suai.trsis2021.lab3.Lab2ApplicationTests]

14:25:44.266 [main] DEBUG org.springframework.boot.test.context.SpringBootTestContextBootstrapper - @TestExecutionListeners is not present for class [suai.trsis2021.lab3.Lab2ApplicationTests]: using defaults.

14:25:44.267 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Loaded default TestExecutionListener class names from location [META-INF/spring.factories]: [org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener, org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener, org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionListener, org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerResetTestExecutionListener, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFailureTestExecutionListener, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverTestExecutionListener, org.springframework.boot.test.autoconfigure.webservices.client.MockWebServiceServerTestExecutionListener, org.springframework.test.context.web.ServletTestExecutionListener, org.springframework.test.context.support.DirtiesContextBeforeModesTestExecutionListener, org.springframework.test.context.event.ApplicationEventsTestExecutionListener, org.springframework.test.context.support.DependencyInjectionTestExecutionListener, org.springframework.test.context.support.DirtiesContextTestExecutionListener, org.springframework.test.context.transaction.TransactionalTestExecutionListener, org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener, org.springframework.test.context.event.EventPublishingTestExecutionListener]

14:25:44.306 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Using TestExecutionListeners: [org.springframework.test.context.web.ServletTestExecutionListener@28d18df5, org.springframework.test.context.support.DirtiesContextBeforeModesTestExecutionListener@934b6cb, org.springframework.test.context.event.ApplicationEventsTestExecutionListener@55cf0d14, org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener@3b74ac8, org.springframework.boot.test.autoconfigure.SpringBootDependencyInjectionTestExecutionListener@27adc16e, org.springframework.test.context.support.DirtiesContextTestExecutionListener@b83a9be, org.springframework.test.context.transaction.TransactionalTestExecutionListener@2609b277, org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener@1fd14d74, org.springframework.test.context.event.EventPublishingTestExecutionListener@563e4951, org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener@4066c471, org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionListener@2b175c00, org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerResetTestExecutionListener@3eb81efb, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFailureTestExecutionListener@1ae8bcbc, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverTestExecutionListener@6cdba6dc, org.springframework.boot.test.autoconfigure.webservices.client.MockWebServiceServerTestExecutionListener@7d3d101b]

14:25:44.316 [main] DEBUG org.springframework.test.context.support.AbstractDirtiesContextTestExecutionListener - Before test class: context [DefaultTestContext@6cb6decd testClass = Lab2ApplicationTests, testInstance = [null], testMethod = [null], testException = [null], mergedContextConfiguration = [WebMergedContextConfiguration@c7045b9 testClass = Lab2ApplicationTests, locations = '{}', classes = '{class suai.trsis2021.lab4.Lab4Application}', contextInitializerClasses = '[]', activeProfiles = '{}', propertySourceLocations = '{}', propertySourceProperties = '{org.springframework.boot.test.context.SpringBootTestContextBootstrapper=true}', contextCustomizers = set[org.springframework.boot.test.context.filter.ExcludeFilterContextCustomizer@34f5090e, org.springframework.boot.test.json.DuplicateJsonObjectContextCustomizerFactory$DuplicateJsonObjectContextCustomizer@1cbb87f3, org.springframework.boot.test.mock.mockito.MockitoContextCustomizer@0, org.springframework.boot.test.web.client.TestRestTemplateContextCustomizer@446293d, org.springframework.boot.test.autoconfigure.actuate.metrics.MetricsExportContextCustomizerFactory$DisableMetricExportContextCustomizer@3059cbc, org.springframework.boot.test.autoconfigure.properties.PropertyMappingContextCustomizer@0, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverContextCustomizerFactory$Customizer@fba92d3, org.springframework.boot.test.context.SpringBootTestArgs@1, org.springframework.boot.test.context.SpringBootTestWebEnvironment@6f195bc3], resourceBasePath = 'src/main/webapp', contextLoader = 'org.springframework.boot.test.context.SpringBootContextLoader', parent = [null]], attributes = map['org.springframework.test.context.web.ServletTestExecutionListener.activateListener' -> true]], class annotated with @DirtiesContext [false] with mode [null].

14:25:44.395 [main] DEBUG org.springframework.test.context.support.TestPropertySourceUtils - Adding inlined properties to environment: {spring.jmx.enabled=false, org.springframework.boot.test.context.SpringBootTestContextBootstrapper=true}

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:: Spring Boot :: (v2.5.5)

2021-12-19 14:25:45.080 INFO 20200 --- [ main] s.trsis2021.lab3.Lab2ApplicationTests : Starting Lab2ApplicationTests using Java 17.0.1 on matebookd14-win with PID 20200 (started by limenitis in D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby))

2021-12-19 14:25:45.086 INFO 20200 --- [ main] s.trsis2021.lab3.Lab2ApplicationTests : No active profile set, falling back to default profiles: default

2021-12-19 14:25:46.669 INFO 20200 --- [ main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.

2021-12-19 14:25:46.826 INFO 20200 --- [ main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 133 ms. Found 1 JPA repository interfaces.

2021-12-19 14:25:48.552 INFO 20200 --- [ main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]

2021-12-19 14:25:48.673 INFO 20200 --- [ main] org.hibernate.Version : HHH000412: Hibernate ORM core version 5.4.32.Final

2021-12-19 14:25:49.058 INFO 20200 --- [ main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.1.2.Final}

2021-12-19 14:25:49.439 INFO 20200 --- [ main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...

2021-12-19 14:25:49.449 WARN 20200 --- [ main] com.zaxxer.hikari.util.DriverDataSource : Registered driver with driverClassName=org.apache.derby.jdbc.EmbeddedDriver was not found, trying direct instantiation.

2021-12-19 14:25:50.181 INFO 20200 --- [ main] com.zaxxer.hikari.pool.PoolBase : HikariPool-1 - Driver does not support get/set network timeout for connections. (Feature not implemented: No details.)

2021-12-19 14:25:50.186 INFO 20200 --- [ main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.

2021-12-19 14:25:50.231 INFO 20200 --- [ main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.DerbyDialect

2021-12-19 14:25:50.244 WARN 20200 --- [ main] org.hibernate.dialect.DerbyDialect : HHH000430: The DerbyDialect dialect has been deprecated; use one of the version-specific dialects instead

Hibernate: drop table cost\_entity

2021-12-19 14:25:52.029 WARN 20200 --- [ main] o.h.t.s.i.ExceptionHandlerLoggedImpl : GenerationTarget encountered exception accepting command : Error executing DDL "drop table cost\_entity" via JDBC Statement

org.hibernate.tool.schema.spi.CommandAcceptanceException: Error executing DDL "drop table cost\_entity" via JDBC Statement

at org.hibernate.tool.schema.internal.exec.GenerationTargetToDatabase.accept(GenerationTargetToDatabase.java:67) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.applySqlString(SchemaDropperImpl.java:375) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.applySqlStrings(SchemaDropperImpl.java:359) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.dropFromMetadata(SchemaDropperImpl.java:241) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.performDrop(SchemaDropperImpl.java:154) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.doDrop(SchemaDropperImpl.java:126) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.doDrop(SchemaDropperImpl.java:112) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.spi.SchemaManagementToolCoordinator.performDatabaseAction(SchemaManagementToolCoordinator.java:145) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.spi.SchemaManagementToolCoordinator.process(SchemaManagementToolCoordinator.java:73) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.internal.SessionFactoryImpl.<init>(SessionFactoryImpl.java:318) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.boot.internal.SessionFactoryBuilderImpl.build(SessionFactoryBuilderImpl.java:468) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.jpa.boot.internal.EntityManagerFactoryBuilderImpl.build(EntityManagerFactoryBuilderImpl.java:1259) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.springframework.orm.jpa.vendor.SpringHibernateJpaPersistenceProvider.createContainerEntityManagerFactory(SpringHibernateJpaPersistenceProvider.java:58) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean.createNativeEntityManagerFactory(LocalContainerEntityManagerFactoryBean.java:365) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.AbstractEntityManagerFactoryBean.buildNativeEntityManagerFactory(AbstractEntityManagerFactoryBean.java:409) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.AbstractEntityManagerFactoryBean.afterPropertiesSet(AbstractEntityManagerFactoryBean.java:396) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean.afterPropertiesSet(LocalContainerEntityManagerFactoryBean.java:341) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1863) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1800) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:620) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.getBean(AbstractApplicationContext.java:1154) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:908) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:583) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.boot.SpringApplication.refresh(SpringApplication.java:754) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.refreshContext(SpringApplication.java:434) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.run(SpringApplication.java:338) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.test.context.SpringBootContextLoader.loadContext(SpringBootContextLoader.java:123) ~[spring-boot-test-2.5.5.jar:2.5.5]

at org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegate.loadContextInternal(DefaultCacheAwareContextLoaderDelegate.java:99) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegate.loadContext(DefaultCacheAwareContextLoaderDelegate.java:124) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.support.DefaultTestContext.getApplicationContext(DefaultTestContext.java:124) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.web.ServletTestExecutionListener.setUpRequestContextIfNecessary(ServletTestExecutionListener.java:190) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.web.ServletTestExecutionListener.prepareTestInstance(ServletTestExecutionListener.java:132) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.TestContextManager.prepareTestInstance(TestContextManager.java:248) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.junit.jupiter.SpringExtension.postProcessTestInstance(SpringExtension.java:138) ~[spring-test-5.3.10.jar:5.3.10]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$invokeTestInstancePostProcessors$6(ClassBasedTestDescriptor.java:350) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.executeAndMaskThrowable(ClassBasedTestDescriptor.java:355) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$invokeTestInstancePostProcessors$7(ClassBasedTestDescriptor.java:350) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at java.base/java.util.stream.ReferencePipeline$3$1.accept(ReferencePipeline.java:197) ~[na:na]

at java.base/java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:179) ~[na:na]

at java.base/java.util.ArrayList$ArrayListSpliterator.forEachRemaining(ArrayList.java:1625) ~[na:na]

at java.base/java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:509) ~[na:na]

at java.base/java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:499) ~[na:na]

at java.base/java.util.stream.StreamSpliterators$WrappingSpliterator.forEachRemaining(StreamSpliterators.java:310) ~[na:na]

at java.base/java.util.stream.Streams$ConcatSpliterator.forEachRemaining(Streams.java:735) ~[na:na]

at java.base/java.util.stream.Streams$ConcatSpliterator.forEachRemaining(Streams.java:734) ~[na:na]

at java.base/java.util.stream.ReferencePipeline$Head.forEach(ReferencePipeline.java:762) ~[na:na]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.invokeTestInstancePostProcessors(ClassBasedTestDescriptor.java:349) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$instantiateAndPostProcessTestInstance$4(ClassBasedTestDescriptor.java:270) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateAndPostProcessTestInstance(ClassBasedTestDescriptor.java:269) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$testInstancesProvider$2(ClassBasedTestDescriptor.java:259) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at java.base/java.util.Optional.orElseGet(Optional.java:364) ~[na:na]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$testInstancesProvider$3(ClassBasedTestDescriptor.java:258) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.execution.TestInstancesProvider.getTestInstances(TestInstancesProvider.java:31) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda$prepare$0(TestMethodTestDescriptor.java:101) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:100) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:65) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$prepare$1(NodeTestTask.java:111) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.prepare(NodeTestTask.java:111) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:79) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at java.base/java.util.ArrayList.forEach(ArrayList.java:1511) ~[na:na]

at org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:143) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:129) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:127) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:126) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:84) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at java.base/java.util.ArrayList.forEach(ArrayList.java:1511) ~[na:na]

at org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:143) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:129) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:127) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:126) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:84) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.submit(SameThreadHierarchicalTestExecutorService.java:32) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(HierarchicalTestExecutor.java:57) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:51) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:220) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.junit.platform.launcher.core.DefaultLauncher.lambda$execute$6(DefaultLauncher.java:188) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.junit.platform.launcher.core.DefaultLauncher.withInterceptedStreams(DefaultLauncher.java:202) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:181) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:150) ~[surefire-junit-platform-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:124) ~[surefire-junit-platform-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.booter.ForkedBooter.invokeProviderInSameClassLoader(ForkedBooter.java:384) ~[surefire-booter-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:345) ~[surefire-booter-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:126) ~[surefire-booter-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:418) ~[surefire-booter-2.22.2.jar:2.22.2]

Caused by: java.sql.SQLSyntaxErrorException: Schema 'SA' does not exist

at org.apache.derby.impl.jdbc.SQLExceptionFactory.getSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.Util.generateCsSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.TransactionResourceImpl.wrapInSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.TransactionResourceImpl.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedConnection.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.ConnectionChild.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedStatement.execute(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedStatement.execute(Unknown Source) ~[derby-10.14.2.0.jar:na]

at com.zaxxer.hikari.pool.ProxyStatement.execute(ProxyStatement.java:94) ~[HikariCP-4.0.3.jar:na]

at com.zaxxer.hikari.pool.HikariProxyStatement.execute(HikariProxyStatement.java) ~[HikariCP-4.0.3.jar:na]

at org.hibernate.tool.schema.internal.exec.GenerationTargetToDatabase.accept(GenerationTargetToDatabase.java:54) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

... 100 common frames omitted

Caused by: org.apache.derby.iapi.error.StandardException: Schema 'SA' does not exist

at org.apache.derby.iapi.error.StandardException.newException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.iapi.error.StandardException.newException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.catalog.DataDictionaryImpl.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.iapi.sql.StatementUtil.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.QueryTreeNode.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.QueryTreeNode.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.justGetDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.getTableDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.getTableDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DropTableNode.bindStatement(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.GenericStatement.prepMinion(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.GenericStatement.prepare(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.conn.GenericLanguageConnectionContext.prepareInternalStatement(Unknown Source) ~[derby-10.14.2.0.jar:na]

... 105 common frames omitted

Hibernate: create table cost\_entity (id bigint generated by default as identity, category varchar(255), count integer, customer varchar(255), name varchar(255), price integer, primary key (id))

2021-12-19 14:25:52.162 INFO 20200 --- [ main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]

2021-12-19 14:25:52.190 INFO 20200 --- [ main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'

2021-12-19 14:25:54.619 WARN 20200 --- [ main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view rendering. Explicitly configure spring.jpa.open-in-view to disable this warning

2021-12-19 14:25:54.924 WARN 20200 --- [ main] o.s.security.core.userdetails.User : User.withDefaultPasswordEncoder() is considered unsafe for production and is only intended for sample applications.

2021-12-19 14:25:55.101 WARN 20200 --- [ main] o.s.security.core.userdetails.User : User.withDefaultPasswordEncoder() is considered unsafe for production and is only intended for sample applications.

2021-12-19 14:25:55.517 INFO 20200 --- [ main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request with [org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter@236f3885, org.springframework.security.web.context.SecurityContextPersistenceFilter@5a9ef32e, org.springframework.security.web.header.HeaderWriterFilter@445f6f73, org.springframework.security.web.authentication.logout.LogoutFilter@2175d53f, org.springframework.security.web.authentication.UsernamePasswordAuthenticationFilter@443b6765, org.springframework.security.web.savedrequest.RequestCacheAwareFilter@1a1f22f2, org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter@63af52a6, org.springframework.security.web.authentication.AnonymousAuthenticationFilter@14ee143a, org.springframework.security.web.session.SessionManagementFilter@1a05ff8e, org.springframework.security.web.access.ExceptionTranslationFilter@237ee2e1, org.springframework.security.web.access.intercept.FilterSecurityInterceptor@72c175f1]

2021-12-19 14:25:57.251 INFO 20200 --- [ main] s.trsis2021.lab3.Lab2ApplicationTests : Started Lab2ApplicationTests in 12.842 seconds (JVM running for 14.917)

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 14.128 s - in suai.trsis2021.lab3.Lab2ApplicationTests

2021-12-19 14:25:57.751 INFO 20200 --- [ionShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'

2021-12-19 14:25:57.753 INFO 20200 --- [ionShutdownHook] .SchemaDropperImpl$DelayedDropActionImpl : HHH000477: Starting delayed evictData of schema as part of SessionFactory shut-down'

Hibernate: drop table cost\_entity

2021-12-19 14:25:57.800 INFO 20200 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown initiated...

2021-12-19 14:25:57.809 INFO 20200 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown completed.

[INFO]

[INFO] Results:

[INFO]

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

[INFO]

[INFO]

[INFO] --- maven-jar-plugin:3.1.0:jar (default-jar) @ lab6 ---

[INFO] Building jar: D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\target\lab6-0.0.1-SNAPSHOT.jar

[INFO]

[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ lab6 ---

[INFO] Replacing main artifact with repackaged archive

[INFO]

[INFO] >>> spring-boot-maven-plugin:2.5.5:build-image (default) > package @ lab6 >>>

[INFO]

[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ lab6 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] Copying 1 resource

[INFO] Copying 6 resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ lab6 ---

[INFO] Changes detected - recompiling the module!

[INFO] Compiling 9 source files to D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\target\classes

[INFO] /D:/Projects/SUAI/Server\_Systems\_Development\_Technology/Lab\_Limenitiz/lab8-(6-Derby)/src/main/java/suai/trsis2021/lab4/util/WebSecurityConfig.java: D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\src\main\java\suai\trsis2021\lab4\util\WebSecurityConfig.java uses or overrides a deprecated API.

[INFO] /D:/Projects/SUAI/Server\_Systems\_Development\_Technology/Lab\_Limenitiz/lab8-(6-Derby)/src/main/java/suai/trsis2021/lab4/util/WebSecurityConfig.java: Recompile with -Xlint:deprecation for details.

[INFO]

[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ lab6 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] skip non existing resourceDirectory D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\src\test\resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ lab6 ---

[INFO] Changes detected - recompiling the module!

[INFO] Compiling 1 source file to D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\target\test-classes

[INFO]

[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ lab6 ---

[INFO] Skipping execution of surefire because it has already been run for this configuration

[INFO]

[INFO] --- maven-jar-plugin:3.1.0:jar (default-jar) @ lab6 ---

[INFO] Building jar: D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\target\lab6-0.0.1-SNAPSHOT.jar

[INFO]

[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ lab6 ---

[INFO] Replacing main artifact with repackaged archive

[INFO]

[INFO] <<< spring-boot-maven-plugin:2.5.5:build-image (default) < package @ lab6 <<<

[INFO]

[INFO]

[INFO] --- spring-boot-maven-plugin:2.5.5:build-image (default) @ lab6 ---

[INFO] Building image 'docker.io/library/lab6:0.0.1-SNAPSHOT'

[INFO]

[INFO] I/O exception (java.nio.file.NoSuchFileException) caught when processing request to {}->docker://localhost:2376: \\.\pipe\docker\_engine

[INFO] Retrying request to {}->docker://localhost:2376

[INFO] I/O exception (java.nio.file.NoSuchFileException) caught when processing request to {}->docker://localhost:2376: \\.\pipe\docker\_engine

[INFO] Retrying request to {}->docker://localhost:2376

[INFO] I/O exception (java.nio.file.NoSuchFileException) caught when processing request to {}->docker://localhost:2376: \\.\pipe\docker\_engine

[INFO] Retrying request to {}->docker://localhost:2376

[INFO] > Pulling builder image 'docker.io/paketobuildpacks/builder:base' 100%

[INFO] ------------------------------------------------------------------------

[INFO] BUILD FAILURE

[INFO] ------------------------------------------------------------------------

[INFO] Total time: 37.979 s

[INFO] Finished at: 2021-12-19T14:26:09+03:00

[INFO] ------------------------------------------------------------------------

[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:build-image (default) on project lab6: Execution default of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:build-image failed: Connection to the Docker daemon at 'localhost' failed with error "\\.\pipe\docker\_engine"; ensure the Docker daemon is running and accessible -> [Help 1]

[ERROR]

[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.

[ERROR] Re-run Maven using the -X switch to enable full debug logging.

[ERROR]

[ERROR] For more information about the errors and possible solutions, please read the following articles:

[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException

Process finished with exit code 1

#### С запущенным docker

C:\Users\limenitis\.jdks\openjdk-17.0.1\bin\java.exe "-Dmaven.multiModuleProjectDirectory=D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)" "-Dmaven.home=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven3" "-Dclassworlds.conf=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven3\bin\m2.conf" "-Dmaven.ext.class.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven-event-listener.jar" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\lib\idea\_rt.jar=57755:C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\bin" -Dfile.encoding=UTF-8 -classpath "C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven3\boot\plexus-classworlds-2.6.0.jar;C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\plugins\maven\lib\maven3\boot\plexus-classworlds.license" org.codehaus.classworlds.Launcher -Didea.version=2021.3 package

[INFO] Scanning for projects...

[INFO]

[INFO] ------------------------< suai.trsis2021:lab6 >-------------------------

[INFO] Building lab6 0.0.1-SNAPSHOT

[INFO] --------------------------------[ jar ]---------------------------------

[INFO]

[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ lab6 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] Copying 1 resource

[INFO] Copying 6 resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ lab6 ---

[INFO] Nothing to compile - all classes are up to date

[INFO]

[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ lab6 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] skip non existing resourceDirectory D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\src\test\resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ lab6 ---

[INFO] Nothing to compile - all classes are up to date

[INFO]

[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ lab6 ---

[INFO]

[INFO] -------------------------------------------------------

[INFO] T E S T S

[INFO] -------------------------------------------------------

[INFO] Running suai.trsis2021.lab3.Lab2ApplicationTests

14:32:02.797 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating CacheAwareContextLoaderDelegate from class [org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegate]

14:32:02.825 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating BootstrapContext using constructor [public org.springframework.test.context.support.DefaultBootstrapContext(java.lang.Class,org.springframework.test.context.CacheAwareContextLoaderDelegate)]

14:32:02.912 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating TestContextBootstrapper for test class [suai.trsis2021.lab3.Lab2ApplicationTests] from class [org.springframework.boot.test.context.SpringBootTestContextBootstrapper]

14:32:02.943 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Neither @ContextConfiguration nor @ContextHierarchy found for test class [suai.trsis2021.lab3.Lab2ApplicationTests], using SpringBootContextLoader

14:32:02.950 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [suai.trsis2021.lab3.Lab2ApplicationTests]: class path resource [suai/trsis2021/lab3/Lab2ApplicationTests-context.xml] does not exist

14:32:02.951 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [suai.trsis2021.lab3.Lab2ApplicationTests]: class path resource [suai/trsis2021/lab3/Lab2ApplicationTestsContext.groovy] does not exist

14:32:02.952 [main] INFO org.springframework.test.context.support.AbstractContextLoader - Could not detect default resource locations for test class [suai.trsis2021.lab3.Lab2ApplicationTests]: no resource found for suffixes {-context.xml, Context.groovy}.

14:32:03.051 [main] DEBUG org.springframework.test.context.support.ActiveProfilesUtils - Could not find an 'annotation declaring class' for annotation type [org.springframework.test.context.ActiveProfiles] and class [suai.trsis2021.lab3.Lab2ApplicationTests]

14:32:03.385 [main] DEBUG org.springframework.boot.test.context.SpringBootTestContextBootstrapper - @TestExecutionListeners is not present for class [suai.trsis2021.lab3.Lab2ApplicationTests]: using defaults.

14:32:03.386 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Loaded default TestExecutionListener class names from location [META-INF/spring.factories]: [org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener, org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener, org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionListener, org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerResetTestExecutionListener, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFailureTestExecutionListener, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverTestExecutionListener, org.springframework.boot.test.autoconfigure.webservices.client.MockWebServiceServerTestExecutionListener, org.springframework.test.context.web.ServletTestExecutionListener, org.springframework.test.context.support.DirtiesContextBeforeModesTestExecutionListener, org.springframework.test.context.event.ApplicationEventsTestExecutionListener, org.springframework.test.context.support.DependencyInjectionTestExecutionListener, org.springframework.test.context.support.DirtiesContextTestExecutionListener, org.springframework.test.context.transaction.TransactionalTestExecutionListener, org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener, org.springframework.test.context.event.EventPublishingTestExecutionListener]

14:32:03.420 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Using TestExecutionListeners: [org.springframework.test.context.web.ServletTestExecutionListener@28d18df5, org.springframework.test.context.support.DirtiesContextBeforeModesTestExecutionListener@934b6cb, org.springframework.test.context.event.ApplicationEventsTestExecutionListener@55cf0d14, org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener@3b74ac8, org.springframework.boot.test.autoconfigure.SpringBootDependencyInjectionTestExecutionListener@27adc16e, org.springframework.test.context.support.DirtiesContextTestExecutionListener@b83a9be, org.springframework.test.context.transaction.TransactionalTestExecutionListener@2609b277, org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener@1fd14d74, org.springframework.test.context.event.EventPublishingTestExecutionListener@563e4951, org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener@4066c471, org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionListener@2b175c00, org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerResetTestExecutionListener@3eb81efb, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFailureTestExecutionListener@1ae8bcbc, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverTestExecutionListener@6cdba6dc, org.springframework.boot.test.autoconfigure.webservices.client.MockWebServiceServerTestExecutionListener@7d3d101b]

14:32:03.429 [main] DEBUG org.springframework.test.context.support.AbstractDirtiesContextTestExecutionListener - Before test class: context [DefaultTestContext@6cb6decd testClass = Lab2ApplicationTests, testInstance = [null], testMethod = [null], testException = [null], mergedContextConfiguration = [WebMergedContextConfiguration@c7045b9 testClass = Lab2ApplicationTests, locations = '{}', classes = '{class suai.trsis2021.lab4.Lab4Application}', contextInitializerClasses = '[]', activeProfiles = '{}', propertySourceLocations = '{}', propertySourceProperties = '{org.springframework.boot.test.context.SpringBootTestContextBootstrapper=true}', contextCustomizers = set[org.springframework.boot.test.context.filter.ExcludeFilterContextCustomizer@34f5090e, org.springframework.boot.test.json.DuplicateJsonObjectContextCustomizerFactory$DuplicateJsonObjectContextCustomizer@1cbb87f3, org.springframework.boot.test.mock.mockito.MockitoContextCustomizer@0, org.springframework.boot.test.web.client.TestRestTemplateContextCustomizer@446293d, org.springframework.boot.test.autoconfigure.actuate.metrics.MetricsExportContextCustomizerFactory$DisableMetricExportContextCustomizer@3059cbc, org.springframework.boot.test.autoconfigure.properties.PropertyMappingContextCustomizer@0, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverContextCustomizerFactory$Customizer@fba92d3, org.springframework.boot.test.context.SpringBootTestArgs@1, org.springframework.boot.test.context.SpringBootTestWebEnvironment@6f195bc3], resourceBasePath = 'src/main/webapp', contextLoader = 'org.springframework.boot.test.context.SpringBootContextLoader', parent = [null]], attributes = map['org.springframework.test.context.web.ServletTestExecutionListener.activateListener' -> true]], class annotated with @DirtiesContext [false] with mode [null].

14:32:03.530 [main] DEBUG org.springframework.test.context.support.TestPropertySourceUtils - Adding inlined properties to environment: {spring.jmx.enabled=false, org.springframework.boot.test.context.SpringBootTestContextBootstrapper=true}

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:: Spring Boot :: (v2.5.5)

2021-12-19 14:32:04.433 INFO 7696 --- [ main] s.trsis2021.lab3.Lab2ApplicationTests : Starting Lab2ApplicationTests using Java 17.0.1 on matebookd14-win with PID 7696 (started by limenitis in D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby))

2021-12-19 14:32:04.438 INFO 7696 --- [ main] s.trsis2021.lab3.Lab2ApplicationTests : No active profile set, falling back to default profiles: default

2021-12-19 14:32:06.141 INFO 7696 --- [ main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.

2021-12-19 14:32:06.291 INFO 7696 --- [ main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 125 ms. Found 1 JPA repository interfaces.

2021-12-19 14:32:08.211 INFO 7696 --- [ main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]

2021-12-19 14:32:08.358 INFO 7696 --- [ main] org.hibernate.Version : HHH000412: Hibernate ORM core version 5.4.32.Final

2021-12-19 14:32:08.773 INFO 7696 --- [ main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.1.2.Final}

2021-12-19 14:32:09.196 INFO 7696 --- [ main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...

2021-12-19 14:32:09.208 WARN 7696 --- [ main] com.zaxxer.hikari.util.DriverDataSource : Registered driver with driverClassName=org.apache.derby.jdbc.EmbeddedDriver was not found, trying direct instantiation.

2021-12-19 14:32:10.152 INFO 7696 --- [ main] com.zaxxer.hikari.pool.PoolBase : HikariPool-1 - Driver does not support get/set network timeout for connections. (Feature not implemented: No details.)

2021-12-19 14:32:10.159 INFO 7696 --- [ main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.

2021-12-19 14:32:10.206 INFO 7696 --- [ main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.DerbyDialect

2021-12-19 14:32:10.218 WARN 7696 --- [ main] org.hibernate.dialect.DerbyDialect : HHH000430: The DerbyDialect dialect has been deprecated; use one of the version-specific dialects instead

Hibernate: drop table cost\_entity

2021-12-19 14:32:11.944 WARN 7696 --- [ main] o.h.t.s.i.ExceptionHandlerLoggedImpl : GenerationTarget encountered exception accepting command : Error executing DDL "drop table cost\_entity" via JDBC Statement

org.hibernate.tool.schema.spi.CommandAcceptanceException: Error executing DDL "drop table cost\_entity" via JDBC Statement

at org.hibernate.tool.schema.internal.exec.GenerationTargetToDatabase.accept(GenerationTargetToDatabase.java:67) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.applySqlString(SchemaDropperImpl.java:375) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.applySqlStrings(SchemaDropperImpl.java:359) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.dropFromMetadata(SchemaDropperImpl.java:241) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.performDrop(SchemaDropperImpl.java:154) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.doDrop(SchemaDropperImpl.java:126) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.doDrop(SchemaDropperImpl.java:112) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.spi.SchemaManagementToolCoordinator.performDatabaseAction(SchemaManagementToolCoordinator.java:145) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.spi.SchemaManagementToolCoordinator.process(SchemaManagementToolCoordinator.java:73) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.internal.SessionFactoryImpl.<init>(SessionFactoryImpl.java:318) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.boot.internal.SessionFactoryBuilderImpl.build(SessionFactoryBuilderImpl.java:468) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.jpa.boot.internal.EntityManagerFactoryBuilderImpl.build(EntityManagerFactoryBuilderImpl.java:1259) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.springframework.orm.jpa.vendor.SpringHibernateJpaPersistenceProvider.createContainerEntityManagerFactory(SpringHibernateJpaPersistenceProvider.java:58) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean.createNativeEntityManagerFactory(LocalContainerEntityManagerFactoryBean.java:365) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.AbstractEntityManagerFactoryBean.buildNativeEntityManagerFactory(AbstractEntityManagerFactoryBean.java:409) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.AbstractEntityManagerFactoryBean.afterPropertiesSet(AbstractEntityManagerFactoryBean.java:396) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean.afterPropertiesSet(LocalContainerEntityManagerFactoryBean.java:341) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1863) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1800) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:620) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.getBean(AbstractApplicationContext.java:1154) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:908) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:583) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.boot.SpringApplication.refresh(SpringApplication.java:754) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.refreshContext(SpringApplication.java:434) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.run(SpringApplication.java:338) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.test.context.SpringBootContextLoader.loadContext(SpringBootContextLoader.java:123) ~[spring-boot-test-2.5.5.jar:2.5.5]

at org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegate.loadContextInternal(DefaultCacheAwareContextLoaderDelegate.java:99) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegate.loadContext(DefaultCacheAwareContextLoaderDelegate.java:124) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.support.DefaultTestContext.getApplicationContext(DefaultTestContext.java:124) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.web.ServletTestExecutionListener.setUpRequestContextIfNecessary(ServletTestExecutionListener.java:190) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.web.ServletTestExecutionListener.prepareTestInstance(ServletTestExecutionListener.java:132) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.TestContextManager.prepareTestInstance(TestContextManager.java:248) ~[spring-test-5.3.10.jar:5.3.10]

at org.springframework.test.context.junit.jupiter.SpringExtension.postProcessTestInstance(SpringExtension.java:138) ~[spring-test-5.3.10.jar:5.3.10]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$invokeTestInstancePostProcessors$6(ClassBasedTestDescriptor.java:350) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.executeAndMaskThrowable(ClassBasedTestDescriptor.java:355) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$invokeTestInstancePostProcessors$7(ClassBasedTestDescriptor.java:350) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at java.base/java.util.stream.ReferencePipeline$3$1.accept(ReferencePipeline.java:197) ~[na:na]

at java.base/java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:179) ~[na:na]

at java.base/java.util.ArrayList$ArrayListSpliterator.forEachRemaining(ArrayList.java:1625) ~[na:na]

at java.base/java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:509) ~[na:na]

at java.base/java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:499) ~[na:na]

at java.base/java.util.stream.StreamSpliterators$WrappingSpliterator.forEachRemaining(StreamSpliterators.java:310) ~[na:na]

at java.base/java.util.stream.Streams$ConcatSpliterator.forEachRemaining(Streams.java:735) ~[na:na]

at java.base/java.util.stream.Streams$ConcatSpliterator.forEachRemaining(Streams.java:734) ~[na:na]

at java.base/java.util.stream.ReferencePipeline$Head.forEach(ReferencePipeline.java:762) ~[na:na]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.invokeTestInstancePostProcessors(ClassBasedTestDescriptor.java:349) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$instantiateAndPostProcessTestInstance$4(ClassBasedTestDescriptor.java:270) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateAndPostProcessTestInstance(ClassBasedTestDescriptor.java:269) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$testInstancesProvider$2(ClassBasedTestDescriptor.java:259) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at java.base/java.util.Optional.orElseGet(Optional.java:364) ~[na:na]

at org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$testInstancesProvider$3(ClassBasedTestDescriptor.java:258) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.execution.TestInstancesProvider.getTestInstances(TestInstancesProvider.java:31) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda$prepare$0(TestMethodTestDescriptor.java:101) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:100) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:65) ~[junit-jupiter-engine-5.7.2.jar:5.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$prepare$1(NodeTestTask.java:111) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.prepare(NodeTestTask.java:111) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:79) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at java.base/java.util.ArrayList.forEach(ArrayList.java:1511) ~[na:na]

at org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:143) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:129) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:127) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:126) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:84) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at java.base/java.util.ArrayList.forEach(ArrayList.java:1511) ~[na:na]

at org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:143) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:129) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:127) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:126) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:84) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.submit(SameThreadHierarchicalTestExecutorService.java:32) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(HierarchicalTestExecutor.java:57) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:51) ~[junit-platform-engine-1.7.2.jar:1.7.2]

at org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:220) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.junit.platform.launcher.core.DefaultLauncher.lambda$execute$6(DefaultLauncher.java:188) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.junit.platform.launcher.core.DefaultLauncher.withInterceptedStreams(DefaultLauncher.java:202) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:181) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) ~[junit-platform-launcher-1.3.1.jar:1.3.1]

at org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:150) ~[surefire-junit-platform-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:124) ~[surefire-junit-platform-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.booter.ForkedBooter.invokeProviderInSameClassLoader(ForkedBooter.java:384) ~[surefire-booter-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:345) ~[surefire-booter-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:126) ~[surefire-booter-2.22.2.jar:2.22.2]

at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:418) ~[surefire-booter-2.22.2.jar:2.22.2]

Caused by: java.sql.SQLSyntaxErrorException: Schema 'SA' does not exist

at org.apache.derby.impl.jdbc.SQLExceptionFactory.getSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.Util.generateCsSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.TransactionResourceImpl.wrapInSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.TransactionResourceImpl.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedConnection.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.ConnectionChild.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedStatement.execute(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedStatement.execute(Unknown Source) ~[derby-10.14.2.0.jar:na]

at com.zaxxer.hikari.pool.ProxyStatement.execute(ProxyStatement.java:94) ~[HikariCP-4.0.3.jar:na]

at com.zaxxer.hikari.pool.HikariProxyStatement.execute(HikariProxyStatement.java) ~[HikariCP-4.0.3.jar:na]

at org.hibernate.tool.schema.internal.exec.GenerationTargetToDatabase.accept(GenerationTargetToDatabase.java:54) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

... 100 common frames omitted

Caused by: org.apache.derby.iapi.error.StandardException: Schema 'SA' does not exist

at org.apache.derby.iapi.error.StandardException.newException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.iapi.error.StandardException.newException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.catalog.DataDictionaryImpl.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.iapi.sql.StatementUtil.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.QueryTreeNode.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.QueryTreeNode.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.justGetDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.getTableDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.getTableDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DropTableNode.bindStatement(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.GenericStatement.prepMinion(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.GenericStatement.prepare(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.conn.GenericLanguageConnectionContext.prepareInternalStatement(Unknown Source) ~[derby-10.14.2.0.jar:na]

... 105 common frames omitted

Hibernate: create table cost\_entity (id bigint generated by default as identity, category varchar(255), count integer, customer varchar(255), name varchar(255), price integer, primary key (id))

2021-12-19 14:32:12.023 INFO 7696 --- [ main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]

2021-12-19 14:32:12.047 INFO 7696 --- [ main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'

2021-12-19 14:32:13.291 WARN 7696 --- [ main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view rendering. Explicitly configure spring.jpa.open-in-view to disable this warning

2021-12-19 14:32:13.496 WARN 7696 --- [ main] o.s.security.core.userdetails.User : User.withDefaultPasswordEncoder() is considered unsafe for production and is only intended for sample applications.

2021-12-19 14:32:13.676 WARN 7696 --- [ main] o.s.security.core.userdetails.User : User.withDefaultPasswordEncoder() is considered unsafe for production and is only intended for sample applications.

2021-12-19 14:32:14.145 INFO 7696 --- [ main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request with [org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter@71817f66, org.springframework.security.web.context.SecurityContextPersistenceFilter@10ae002e, org.springframework.security.web.header.HeaderWriterFilter@4e782401, org.springframework.security.web.authentication.logout.LogoutFilter@5a010eec, org.springframework.security.web.authentication.UsernamePasswordAuthenticationFilter@21b2579d, org.springframework.security.web.savedrequest.RequestCacheAwareFilter@44e7c06b, org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter@3c5bb37d, org.springframework.security.web.authentication.AnonymousAuthenticationFilter@68feca3a, org.springframework.security.web.session.SessionManagementFilter@52d434c1, org.springframework.security.web.access.ExceptionTranslationFilter@4965454c, org.springframework.security.web.access.intercept.FilterSecurityInterceptor@4ef277ef]

2021-12-19 14:32:15.814 INFO 7696 --- [ main] s.trsis2021.lab3.Lab2ApplicationTests : Started Lab2ApplicationTests in 12.271 seconds (JVM running for 14.42)

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 13.583 s - in suai.trsis2021.lab3.Lab2ApplicationTests

2021-12-19 14:32:16.317 INFO 7696 --- [ionShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'

2021-12-19 14:32:16.318 INFO 7696 --- [ionShutdownHook] .SchemaDropperImpl$DelayedDropActionImpl : HHH000477: Starting delayed evictData of schema as part of SessionFactory shut-down'

Hibernate: drop table cost\_entity

2021-12-19 14:32:16.352 INFO 7696 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown initiated...

2021-12-19 14:32:16.357 INFO 7696 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown completed.

[INFO]

[INFO] Results:

[INFO]

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

[INFO]

[INFO]

[INFO] --- maven-jar-plugin:3.1.0:jar (default-jar) @ lab6 ---

[INFO]

[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ lab6 ---

[INFO] Replacing main artifact with repackaged archive

[INFO]

[INFO] >>> spring-boot-maven-plugin:2.5.5:build-image (default) > package @ lab6 >>>

[INFO]

[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ lab6 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] Copying 1 resource

[INFO] Copying 6 resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ lab6 ---

[INFO] Nothing to compile - all classes are up to date

[INFO]

[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ lab6 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] skip non existing resourceDirectory D:\Projects\SUAI\Server\_Systems\_Development\_Technology\Lab\_Limenitiz\lab8-(6-Derby)\src\test\resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ lab6 ---

[INFO] Nothing to compile - all classes are up to date

[INFO]

[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ lab6 ---

[INFO] Skipping execution of surefire because it has already been run for this configuration

[INFO]

[INFO] --- maven-jar-plugin:3.1.0:jar (default-jar) @ lab6 ---

[INFO]

[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ lab6 ---

[INFO] Replacing main artifact with repackaged archive

[INFO]

[INFO] <<< spring-boot-maven-plugin:2.5.5:build-image (default) < package @ lab6 <<<

[INFO]

[INFO]

[INFO] --- spring-boot-maven-plugin:2.5.5:build-image (default) @ lab6 ---

[INFO] Building image 'docker.io/library/lab6:0.0.1-SNAPSHOT'

[INFO]

[INFO] > Pulling builder image 'docker.io/paketobuildpacks/builder:base' 100%

[INFO] > Pulled builder image 'paketobuildpacks/builder@sha256:976ad2c0e1ce93fd207331a6ac2fa822a1344f4bf45d36221a37bd0cc06a91b2'

[INFO] > Pulling run image 'docker.io/paketobuildpacks/run:base-cnb' 100%

[INFO] > Pulled run image 'paketobuildpacks/run@sha256:50c74ebc95c169ea54ee4650d39d3c71d0fc738a3f0ad89b23d646cfd9ea36f2'

[INFO] > Executing lifecycle version v0.13.2

[INFO] > Using build cache volume 'pack-cache-41e27c9ebf00.build'

[INFO]

[INFO] > Running creator

[INFO] [creator] ===> DETECTING

[INFO] [creator] 6 of 19 buildpacks participating

[INFO] [creator] paketo-buildpacks/ca-certificates 3.0.1

[INFO] [creator] paketo-buildpacks/bellsoft-liberica 9.0.1

[INFO] [creator] paketo-buildpacks/syft 1.3.0

[INFO] [creator] paketo-buildpacks/executable-jar 6.0.1

[INFO] [creator] paketo-buildpacks/dist-zip 5.0.1

[INFO] [creator] paketo-buildpacks/spring-boot 5.2.0

[INFO] [creator] ===> ANALYZING

[INFO] [creator] Previous image with name "docker.io/library/lab6:0.0.1-SNAPSHOT" not found

[INFO] [creator] Restoring metadata for "paketo-buildpacks/syft:syft" from cache

[INFO] [creator] ===> RESTORING

[INFO] [creator] Restoring data for "paketo-buildpacks/syft:syft" from cache

[INFO] [creator] ===> BUILDING

[INFO] [creator]

[INFO] [creator] Paketo CA Certificates Buildpack 3.0.1

[INFO] [creator] https://github.com/paketo-buildpacks/ca-certificates

[INFO] [creator] Launch Helper: Contributing to layer

[INFO] [creator] Creating /layers/paketo-buildpacks\_ca-certificates/helper/exec.d/ca-certificates-helper

[INFO] [creator]

[INFO] [creator] Paketo BellSoft Liberica Buildpack 9.0.1

[INFO] [creator] https://github.com/paketo-buildpacks/bellsoft-liberica

[INFO] [creator] Build Configuration:

[INFO] [creator] $BP\_JVM\_TYPE JRE the JVM type - JDK or JRE

[INFO] [creator] $BP\_JVM\_VERSION 11.\* the Java version

[INFO] [creator] Launch Configuration:

[INFO] [creator] $BPL\_DEBUG\_ENABLED false enables Java remote debugging support

[INFO] [creator] $BPL\_DEBUG\_PORT 8000 configure the remote debugging port

[INFO] [creator] $BPL\_DEBUG\_SUSPEND false configure whether to suspend execution until a debugger has attached

[INFO] [creator] $BPL\_HEAP\_DUMP\_PATH write heap dumps on error to this path

[INFO] [creator] $BPL\_JAVA\_NMT\_ENABLED true enables Java Native Memory Tracking (NMT)

[INFO] [creator] $BPL\_JAVA\_NMT\_LEVEL summary configure level of NMT, summary or detail

[INFO] [creator] $BPL\_JFR\_ARGS configure custom Java Flight Recording (JFR) arguments

[INFO] [creator] $BPL\_JFR\_ENABLED false enables Java Flight Recording (JFR)

[INFO] [creator] $BPL\_JMX\_ENABLED false enables Java Management Extensions (JMX)

[INFO] [creator] $BPL\_JMX\_PORT 5000 configure the JMX port

[INFO] [creator] $BPL\_JVM\_HEAD\_ROOM 0 the headroom in memory calculation

[INFO] [creator] $BPL\_JVM\_LOADED\_CLASS\_COUNT 35% of classes the number of loaded classes in memory calculation

[INFO] [creator] $BPL\_JVM\_THREAD\_COUNT 250 the number of threads in memory calculation

[INFO] [creator] $JAVA\_TOOL\_OPTIONS the JVM launch flags

[INFO] [creator] BellSoft Liberica JRE 11.0.13: Contributing to layer

[INFO] [creator] Downloading from https://github.com/bell-sw/Liberica/releases/download/11.0.13+8/bellsoft-jre11.0.13+8-linux-amd64.tar.gz

[INFO] [creator] Verifying checksum

[INFO] [creator] Expanding to /layers/paketo-buildpacks\_bellsoft-liberica/jre

[INFO] [creator] Adding 128 container CA certificates to JVM truststore

[INFO] [creator] Writing env.launch/BPI\_APPLICATION\_PATH.default

[INFO] [creator] Writing env.launch/BPI\_JVM\_CACERTS.default

[INFO] [creator] Writing env.launch/BPI\_JVM\_CLASS\_COUNT.default

[INFO] [creator] Writing env.launch/BPI\_JVM\_SECURITY\_PROVIDERS.default

[INFO] [creator] Writing env.launch/JAVA\_HOME.default

[INFO] [creator] Writing env.launch/JAVA\_TOOL\_OPTIONS.append

[INFO] [creator] Writing env.launch/JAVA\_TOOL\_OPTIONS.delim

[INFO] [creator] Writing env.launch/MALLOC\_ARENA\_MAX.default

[INFO] [creator] Launch Helper: Contributing to layer

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/active-processor-count

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/java-opts

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/jvm-heap

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/link-local-dns

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/memory-calculator

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/openssl-certificate-loader

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/security-providers-configurer

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/jmx

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/jfr

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/nmt

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/security-providers-classpath-9

[INFO] [creator] Creating /layers/paketo-buildpacks\_bellsoft-liberica/helper/exec.d/debug-9

[INFO] [creator] Java Security Properties: Contributing to layer

[INFO] [creator] Writing env.launch/JAVA\_SECURITY\_PROPERTIES.default

[INFO] [creator] Writing env.launch/JAVA\_TOOL\_OPTIONS.append

[INFO] [creator] Writing env.launch/JAVA\_TOOL\_OPTIONS.delim

[INFO] [creator]

[INFO] [creator] Paketo Syft Buildpack 1.3.0

[INFO] [creator] https://github.com/paketo-buildpacks/syft

[INFO] [creator]

[INFO] [creator] Paketo Executable JAR Buildpack 6.0.1

[INFO] [creator] https://github.com/paketo-buildpacks/executable-jar

[INFO] [creator] Class Path: Contributing to layer

[INFO] [creator] Writing env/CLASSPATH.delim

[INFO] [creator] Writing env/CLASSPATH.prepend

[INFO] [creator] Process types:

[INFO] [creator] executable-jar: java org.springframework.boot.loader.JarLauncher (direct)

[INFO] [creator] task: java org.springframework.boot.loader.JarLauncher (direct)

[INFO] [creator] web: java org.springframework.boot.loader.JarLauncher (direct)

[INFO] [creator]

[INFO] [creator] Paketo Spring Boot Buildpack 5.2.0

[INFO] [creator] https://github.com/paketo-buildpacks/spring-boot

[INFO] [creator] Creating slices from layers index

[INFO] [creator] dependencies

[INFO] [creator] spring-boot-loader

[INFO] [creator] snapshot-dependencies

[INFO] [creator] application

[INFO] [creator] Launch Helper: Contributing to layer

[INFO] [creator] Creating /layers/paketo-buildpacks\_spring-boot/helper/exec.d/spring-cloud-bindings

[INFO] [creator] Spring Cloud Bindings 1.8.0: Contributing to layer

[INFO] [creator] Downloading from https://repo.spring.io/release/org/springframework/cloud/spring-cloud-bindings/1.8.0/spring-cloud-bindings-1.8.0.jar

[INFO] [creator] Verifying checksum

[INFO] [creator] Copying to /layers/paketo-buildpacks\_spring-boot/spring-cloud-bindings

[INFO] [creator] Web Application Type: Contributing to layer

[INFO] [creator] Servlet web application detected

[INFO] [creator] Writing env.launch/BPL\_JVM\_THREAD\_COUNT.default

[INFO] [creator] 4 application slices

[INFO] [creator] Image labels:

[INFO] [creator] org.opencontainers.image.title

[INFO] [creator] org.opencontainers.image.version

[INFO] [creator] org.springframework.boot.version

[INFO] [creator] ===> EXPORTING

[INFO] [creator] Adding layer 'paketo-buildpacks/ca-certificates:helper'

[INFO] [creator] Adding layer 'paketo-buildpacks/bellsoft-liberica:helper'

[INFO] [creator] Adding layer 'paketo-buildpacks/bellsoft-liberica:java-security-properties'

[INFO] [creator] Adding layer 'paketo-buildpacks/bellsoft-liberica:jre'

[INFO] [creator] Adding layer 'paketo-buildpacks/executable-jar:classpath'

[INFO] [creator] Adding layer 'paketo-buildpacks/spring-boot:helper'

[INFO] [creator] Adding layer 'paketo-buildpacks/spring-boot:spring-cloud-bindings'

[INFO] [creator] Adding layer 'paketo-buildpacks/spring-boot:web-application-type'

[INFO] [creator] Adding 5/5 app layer(s)

[INFO] [creator] Adding layer 'launcher'

[INFO] [creator] Adding layer 'config'

[INFO] [creator] Adding layer 'process-types'

[INFO] [creator] Adding label 'io.buildpacks.lifecycle.metadata'

[INFO] [creator] Adding label 'io.buildpacks.build.metadata'

[INFO] [creator] Adding label 'io.buildpacks.project.metadata'

[INFO] [creator] Adding label 'org.opencontainers.image.title'

[INFO] [creator] Adding label 'org.opencontainers.image.version'

[INFO] [creator] Adding label 'org.springframework.boot.version'

[INFO] [creator] Setting default process type 'web'

[INFO] [creator] Saving docker.io/library/lab6:0.0.1-SNAPSHOT...

[INFO] [creator] \*\*\* Images (343472d05b95):

[INFO] [creator] docker.io/library/lab6:0.0.1-SNAPSHOT

[INFO] [creator] Reusing cache layer 'paketo-buildpacks/syft:syft'

[INFO]

[INFO] Successfully built image 'docker.io/library/lab6:0.0.1-SNAPSHOT'

[INFO]

[INFO] ------------------------------------------------------------------------

[INFO] BUILD SUCCESS

[INFO] ------------------------------------------------------------------------

[INFO] Total time: 01:24 min

[INFO] Finished at: 2021-12-19T14:33:21+03:00

[INFO] ------------------------------------------------------------------------

Process finished with exit code 0

### Создание и запуск контейнера

docker run -p 8080:8080 lab6:0.0.1-SNAPSHOT

Setting Active Processor Count to 8

Calculating JVM memory based on 4484440K available memory

Calculated JVM Memory Configuration: -XX:MaxDirectMemorySize=10M -Xmx3857211K -XX:MaxMetaspaceSize=115228K -XX:ReservedCodeCacheSize=240M -Xss1M (Total Memory: 4484440K, Thread Count: 250, Loaded Class Count: 17930, Headroom: 0%)

Enabling Java Native Memory Tracking

Adding 128 container CA certificates to JVM truststore

Spring Cloud Bindings Enabled

Picked up JAVA\_TOOL\_OPTIONS: -Djava.security.properties=/layers/paketo-buildpacks\_bellsoft-liberica/java-security-properties/java-security.properties -XX:+ExitOnOutOfMemoryError -XX:ActiveProcessorCount=8 -XX:MaxDirectMemorySize=10M -Xmx3857211K -XX:MaxMetaspaceSize=115228K -XX:ReservedCodeCacheSize=240M -Xss1M -XX:+UnlockDiagnosticVMOptions -XX:NativeMemoryTracking=summary -XX:+PrintNMTStatistics -Dorg.springframework.cloud.bindings.boot.enable=true

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:: Spring Boot :: (v2.5.5)

2021-12-19 11:38:54.097 INFO 1 --- [ main] suai.trsis2021.lab4.Lab4Application : Starting Lab4Application v0.0.1-SNAPSHOT using Java 11.0.13 on 971f902d651e with PID 1 (/workspace/BOOT-INF/classes started by cnb in /workspace)

2021-12-19 11:38:54.105 INFO 1 --- [ main] suai.trsis2021.lab4.Lab4Application : No active profile set, falling back to default profiles: default

2021-12-19 11:38:55.511 INFO 1 --- [ main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.

2021-12-19 11:38:55.632 INFO 1 --- [ main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 101 ms. Found 1 JPA repository interfaces.

2021-12-19 11:38:56.937 INFO 1 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)

2021-12-19 11:38:56.960 INFO 1 --- [ main] o.apache.catalina.core.StandardService : Starting service [Tomcat]

2021-12-19 11:38:56.961 INFO 1 --- [ main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.53]

2021-12-19 11:38:57.130 INFO 1 --- [ main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext

2021-12-19 11:38:57.142 INFO 1 --- [ main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2884 ms

2021-12-19 11:38:57.910 INFO 1 --- [ main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]

2021-12-19 11:38:58.016 INFO 1 --- [ main] org.hibernate.Version : HHH000412: Hibernate ORM core version 5.4.32.Final

2021-12-19 11:38:58.305 INFO 1 --- [ main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.1.2.Final}

2021-12-19 11:38:58.562 INFO 1 --- [ main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...

2021-12-19 11:38:58.576 WARN 1 --- [ main] com.zaxxer.hikari.util.DriverDataSource : Registered driver with driverClassName=org.apache.derby.jdbc.EmbeddedDriver was not found, trying direct instantiation.

2021-12-19 11:38:59.460 INFO 1 --- [ main] com.zaxxer.hikari.pool.PoolBase : HikariPool-1 - Driver does not support get/set network timeout for connections. (Feature not implemented: No details.)

2021-12-19 11:38:59.468 INFO 1 --- [ main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.

2021-12-19 11:38:59.523 INFO 1 --- [ main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.DerbyDialect

2021-12-19 11:38:59.543 WARN 1 --- [ main] org.hibernate.dialect.DerbyDialect : HHH000430: The DerbyDialect dialect has been deprecated; use one of the version-specific dialects instead

Hibernate: drop table cost\_entity

2021-12-19 11:39:01.537 WARN 1 --- [ main] o.h.t.s.i.ExceptionHandlerLoggedImpl : GenerationTarget encountered exception accepting command : Error executing DDL "drop table cost\_entity" via JDBC Statement

org.hibernate.tool.schema.spi.CommandAcceptanceException: Error executing DDL "drop table cost\_entity" via JDBC Statement

at org.hibernate.tool.schema.internal.exec.GenerationTargetToDatabase.accept(GenerationTargetToDatabase.java:67) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.applySqlString(SchemaDropperImpl.java:375) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.applySqlStrings(SchemaDropperImpl.java:359) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.dropFromMetadata(SchemaDropperImpl.java:241) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.performDrop(SchemaDropperImpl.java:154) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.doDrop(SchemaDropperImpl.java:126) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.internal.SchemaDropperImpl.doDrop(SchemaDropperImpl.java:112) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.spi.SchemaManagementToolCoordinator.performDatabaseAction(SchemaManagementToolCoordinator.java:145) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.tool.schema.spi.SchemaManagementToolCoordinator.process(SchemaManagementToolCoordinator.java:73) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.internal.SessionFactoryImpl.<init>(SessionFactoryImpl.java:318) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.boot.internal.SessionFactoryBuilderImpl.build(SessionFactoryBuilderImpl.java:468) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.hibernate.jpa.boot.internal.EntityManagerFactoryBuilderImpl.build(EntityManagerFactoryBuilderImpl.java:1259) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

at org.springframework.orm.jpa.vendor.SpringHibernateJpaPersistenceProvider.createContainerEntityManagerFactory(SpringHibernateJpaPersistenceProvider.java:58) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean.createNativeEntityManagerFactory(LocalContainerEntityManagerFactoryBean.java:365) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.AbstractEntityManagerFactoryBean.buildNativeEntityManagerFactory(AbstractEntityManagerFactoryBean.java:409) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.AbstractEntityManagerFactoryBean.afterPropertiesSet(AbstractEntityManagerFactoryBean.java:396) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean.afterPropertiesSet(LocalContainerEntityManagerFactoryBean.java:341) ~[spring-orm-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1863) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1800) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:620) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.getBean(AbstractApplicationContext.java:1154) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:908) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:583) ~[spring-context-5.3.10.jar:5.3.10]

at org.springframework.boot.web.servlet.context.ServletWebServerApplicationContext.refresh(ServletWebServerApplicationContext.java:145) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.refresh(SpringApplication.java:754) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.refreshContext(SpringApplication.java:434) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.run(SpringApplication.java:338) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.run(SpringApplication.java:1343) ~[spring-boot-2.5.5.jar:2.5.5]

at org.springframework.boot.SpringApplication.run(SpringApplication.java:1332) ~[spring-boot-2.5.5.jar:2.5.5]

at suai.trsis2021.lab4.Lab4Application.main(Lab4Application.java:10) ~[classes/:0.0.1-SNAPSHOT]

at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method) ~[na:na]

at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(Unknown Source) ~[na:na]

at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source) ~[na:na]

at java.base/java.lang.reflect.Method.invoke(Unknown Source) ~[na:na]

at org.springframework.boot.loader.MainMethodRunner.run(MainMethodRunner.java:49) ~[workspace/:na]

at org.springframework.boot.loader.Launcher.launch(Launcher.java:108) ~[workspace/:na]

at org.springframework.boot.loader.Launcher.launch(Launcher.java:58) ~[workspace/:na]

at org.springframework.boot.loader.JarLauncher.main(JarLauncher.java:88) ~[workspace/:na]

Caused by: java.sql.SQLSyntaxErrorException: Schema 'SA' does not exist

at org.apache.derby.impl.jdbc.SQLExceptionFactory.getSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.Util.generateCsSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.TransactionResourceImpl.wrapInSQLException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.TransactionResourceImpl.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedConnection.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.ConnectionChild.handleException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedStatement.execute(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.jdbc.EmbedStatement.execute(Unknown Source) ~[derby-10.14.2.0.jar:na]

at com.zaxxer.hikari.pool.ProxyStatement.execute(ProxyStatement.java:94) ~[HikariCP-4.0.3.jar:na]

at com.zaxxer.hikari.pool.HikariProxyStatement.execute(HikariProxyStatement.java) ~[HikariCP-4.0.3.jar:na]

at org.hibernate.tool.schema.internal.exec.GenerationTargetToDatabase.accept(GenerationTargetToDatabase.java:54) ~[hibernate-core-5.4.32.Final.jar:5.4.32.Final]

... 42 common frames omitted

Caused by: org.apache.derby.iapi.error.StandardException: Schema 'SA' does not exist

at org.apache.derby.iapi.error.StandardException.newException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.iapi.error.StandardException.newException(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.catalog.DataDictionaryImpl.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.iapi.sql.StatementUtil.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.QueryTreeNode.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.QueryTreeNode.getSchemaDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.justGetDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.getTableDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DDLStatementNode.getTableDescriptor(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.compile.DropTableNode.bindStatement(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.GenericStatement.prepMinion(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.GenericStatement.prepare(Unknown Source) ~[derby-10.14.2.0.jar:na]

at org.apache.derby.impl.sql.conn.GenericLanguageConnectionContext.prepareInternalStatement(Unknown Source) ~[derby-10.14.2.0.jar:na]

... 47 common frames omitted

Hibernate: create table cost\_entity (id bigint generated by default as identity, category varchar(255), count integer, customer varchar(255), name varchar(255), price integer, primary key (id))

2021-12-19 11:39:01.635 INFO 1 --- [ main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]

2021-12-19 11:39:01.661 INFO 1 --- [ main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'

2021-12-19 11:39:02.967 WARN 1 --- [ main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view rendering. Explicitly configure spring.jpa.open-in-view to disable this warning

2021-12-19 11:39:03.174 WARN 1 --- [ main] o.s.security.core.userdetails.User : User.withDefaultPasswordEncoder() is considered unsafe for production and is only intended for sample applications.

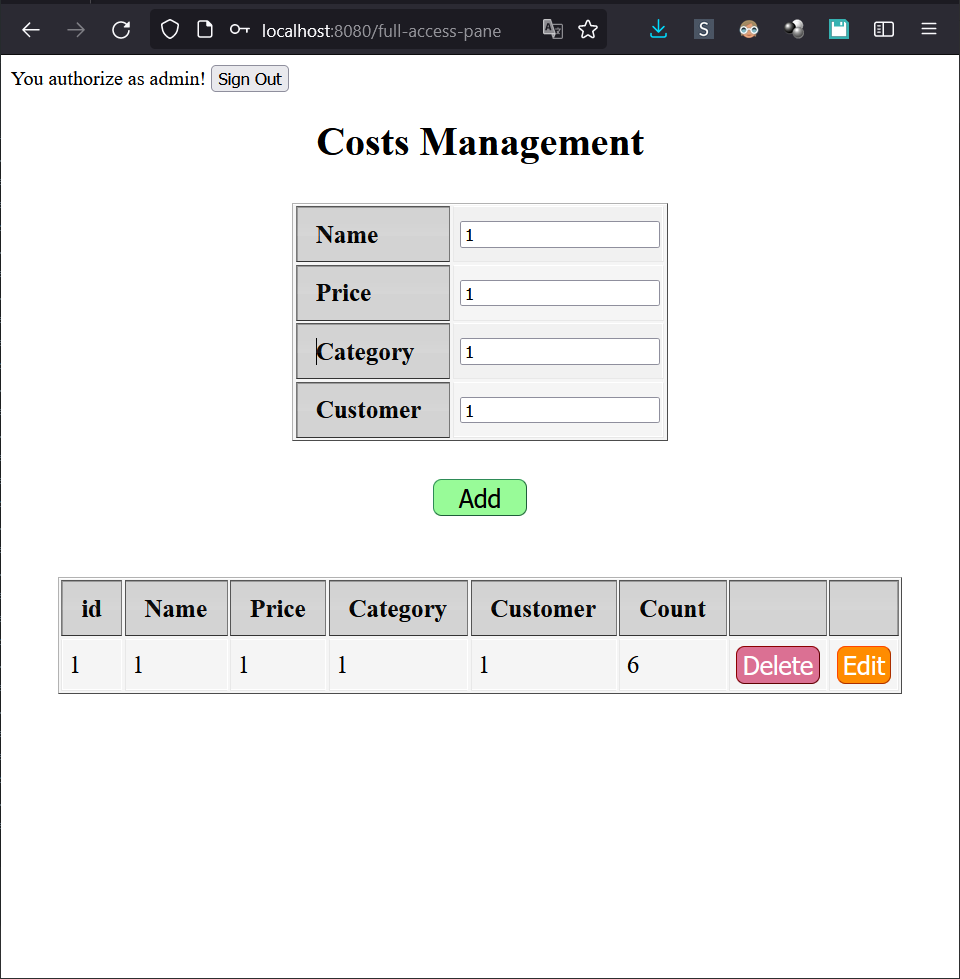
2021-12-19 11:39:03.427 WARN 1 --- [ main] o.s.security.core.userdetails.User : User.withDefaultPasswordEncoder() is considered unsafe for production and is only intended for sample applications.

2021-12-19 11:39:03.783 INFO 1 --- [ main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request with [org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter@3dc14f80, org.springframework.security.web.context.SecurityContextPersistenceFilter@63ccb1b2, org.springframework.security.web.header.HeaderWriterFilter@abe7d36, org.springframework.security.web.authentication.logout.LogoutFilter@6bb71265, org.springframework.security.web.authentication.UsernamePasswordAuthenticationFilter@57abe94d, org.springframework.security.web.savedrequest.RequestCacheAwareFilter@1b868ef0, org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter@6018d82c, org.springframework.security.web.authentication.AnonymousAuthenticationFilter@627a890f, org.springframework.security.web.session.SessionManagementFilter@740fccd2, org.springframework.security.web.access.ExceptionTranslationFilter@7bbe532b, org.springframework.security.web.access.intercept.FilterSecurityInterceptor@23e3a27f]

2021-12-19 11:39:04.758 INFO 1 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''

2021-12-19 11:39:04.789 INFO 1 --- [ main] suai.trsis2021.lab4.Lab4Application : Started Lab4Application in 11.593 seconds (JVM running for 12.493)

## Демонстрация работы приложения



## Выводы

* Докер позволяет удобно конфигурировать рабочее пространство приложения и запускать его в нескольких экземплярах (в разных контейнерах)