

```
C:\Windows\System32\cmd.exe - minikube dashboard

17:52:39.545 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating CacheAwareContextLoaderDelegate from class [org.springframework.test.context.c
ache.DefaultCacheAwareContextLoaderDelegate]
17:52:39.581 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating BootstrapContext using constructor [public org.springframework.test.context.su
pport.DefaultBootstrapContext(java.lang.Class,org.springframework.test.context.CacheAwareContextLoaderDelegate)]
17:52:39.743 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating TestContextBootstrapper for test class [com.ltimindtree.SpringBootK8sCrudAppli
cationTests] from class [org.springframework.boot.test.context.SpringBootTestContextBootstrapper]
17:52:39.813 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Neither @ContextConfiguration nor @ContextHierarchy found for test cl
ass [com.ltimindtree.SpringBootK8sCrudApplicationTests], using SpringBootTestContextLoader
17:52:39.828 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [com.ltimindtree.Spri
ngBootK8sCrudApplicationTests]: class path resource [com/ltimindtree/SpringBootK8sCrudApplicationTests-context.xml] does not exist
17:52:39.829 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [com.ltimindtree.Spri
ngBootK8sCrudApplicationTests]: class path resource [com/ltimindtree/SpringBootK8sCrudApplicationTestsContext.groovy] does not exist
17:52:39.830 [main] INFO org.springframework.test.context.support.AbstractContextLoader - Could not detect default resource locations for test class [com.ltimindtree.Sp
ringBootK8sCrudApplicationTests]: no resource found for suffixes {-context.xml, Context.groovy}.
17:52:39.834 [main] INFO org.springframework.test.context.support.AnnotationConfigContextLoaderUtils - Could not detect default configuration classes for test class [co
m.ltimindtree.SpringBootK8sCrudApplicationTests]: SpringBootK8sCrudApplicationTests does not declare any static, non-private, non-final, nested classes annotated with @
Configuration.
17:52:40.072 [main] DEBUG org.springframework.test.context.support.ActiveProfilesUtils - Could not find an 'annotation declaring class' for annotation type [org.springf
ramework.test.context.ActiveProfiles] and class [com.ltimindtree.SpringBootK8sCrudApplicationTests]
17:52:40.304 [main] DEBUG org.springframework.test.context.annotation.ClassPathScanningCandidateComponentProvider - Identified candidate component class: file [E:\Eclipse Wo
rkSpace\SpringBoot-K8s-CRUD\target\classes\com\ltimindtree\SpringBootK8sCrudApplication.class]
17:52:40.308 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Found @SpringBootConfiguration com.ltimindtree.SpringBootK8sCrudAppli
cationTests for test class com.ltimindtree.SpringBootK8sCrudApplicationTests
17:52:40.626 [main] DEBUG org.springframework.boot.test.context.SpringBootTestContextBootstrapper - @TestExecutionListeners is not present for class [com.ltimindtree.Sp
ringBootK8sCrudApplicationTests]: using defaults.
17:52:40.627 [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.ResetMocksTestExecutionListe
ner, org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionListener, org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerRes
etTestExecutionListener, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFailureTestExecutionListener, org.springframework.boot.test.autoconfigure
web.servlet.MockMvcTestExecutionListener, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcWebDriverTestExecutionListener, 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.Sql
ScriptsTestExecutionListener, org.springframework.test.context.event.EventPublishingTestExecutionListener]
17:52:40.726 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Using TestExecutionListeners: [org.springframework.test.context.web.S
ervletTestExecutionListener@57a78e3, org.springframework.test.context.support.DirtiesContextBeforeModesTestExecutionListener@402c4085, org.springframework.test.context
.event.ApplicationEventsTestExecutionListener@6fa51cd4, org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener@2767e23c, org.springframework.boot.test.a
utoconfigure.SpringBootTestContextBootstrapper@710c2b53, org.springframework.test.context.support.DirtiesContextTestExecutionListener@5386659f, org.spr
ingframework.test.context.transaction.TransactionalTestExecutionListener@14028887, org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener@cecf639, org.sp
ringframework.test.context.event.EventPublishingTestExecutionListener@1ca2a024, org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener@7ce026d3, org.sp
ringframework.test.context.autoconfigure.restdocs.RestDocsTestExecutionListener@7ce69770, org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerRe
setTestExecutionListener@7150fbeb, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFailureTestExecutionListener@5b247367, org.springframework
boot.test.autoconfigure.web.servlet.MockMvcTestExecutionListener@268f106e, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcWebDriverTestExecutionListener@6e9a5ed8]
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Spring
=====
:: Spring Boot ::
              (v2.7.12)

2023-06-14 17:52:41.940 INFO 10556 --- [main] c.l.SpringBootK8sCrudApplicationTests : Starting SpringBootK8sCrudApplicationTests using Java 1.8.0_202 on
DESKTOP-BQC7Q1E with PID 10556 (started by Admin in E:\Eclipse Workspace\SpringBoot-K8s-CRUD)
2023-06-14 17:52:41.943 INFO 10556 --- [main] c.l.SpringBootK8sCrudApplicationTests : No active profile set, falling back to 1 default profile: "default"

2023-06-14 17:52:44.280 INFO 10556 --- [main] i.s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2023-06-14 17:52:44.452 INFO 10556 --- [main] i.s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 139 ms. Found 1 JPA rep
ository interfaces.
2023-06-14 17:52:47.162 INFO 10556 --- [main] o.hibernate.jpa.internal.util.LogHelper : HHH0000204: Processing PersistenceUnitInfo [name: default]
2023-06-14 17:52:47.418 INFO 10556 --- [main] org.hibernate.Version : HHH0000412: Hibernate ORM core version 5.6.15.Final
2023-06-14 17:52:48.377 INFO 10556 --- [main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations [5.1.2.Final]
2023-06-14 17:52:49.430 INFO 10556 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2023-06-14 17:52:51.988 INFO 10556 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2023-06-14 17:52:52.132 INFO 10556 --- [main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.MySQL8Dialect
2023-06-14 17:52:55.136 INFO 10556 --- [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine
transaction.jta.platform.internal.NoJtaPlatform]
2023-06-14 17:52:55.192 INFO 10556 --- [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'

2023-06-14 17:52:57.048 WARN 10556 --- [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
2023-06-14 17:53:00.797 INFO 10556 --- [main] c.l.SpringBootK8sCrudApplicationTests : Started SpringBootK8sCrudApplicationTests in 19.876 seconds (JVM ru
nning for 24.079)

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 21.912 s - in com.ltimindtree.SpringBootK8sCrudApplicationTests
2023-06-14 17:53:01.236 INFO 10556 --- [ionShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'
2023-06-14 17:53:01.242 INFO 10556 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown initiated...
2023-06-14 17:53:01.273 INFO 10556 --- [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] --- jar:3.2.2:jar (default-jar) @ SpringBoot-K8s-CRUD ---
[INFO] Building jar: E:\Eclipse Workspace\SpringBoot-K8s-CRUD\target\springboot-k8s-crud.jar
[INFO]
[INFO] --- spring-boot:2.7.12:repackage (repackage) @ SpringBoot-K8s-CRUD ---
Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.7.12/spring-boot-buildpack-platform-2.7.12.pom
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2023-06-14 17:53:01.236 INFO 10556 --- [ionShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'
2023-06-14 17:53:01.242 INFO 10556 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown initiated...
2023-06-14 17:53:01.273 INFO 10556 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown completed.

[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] --- jar:3.2.2:jar (default-jar) @ SpringBoot-K8s-CRUD ---
[INFO] Building jar: E:\Eclipse Workspace\SpringBoot-K8s-CRUD\target\springboot-k8s-crud.jar
[INFO]
[INFO] --- spring-boot:2.7.12:repackage (repackage) @ SpringBoot-K8s-CRUD ---
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.7.12/spring-boot-buildpack-platform-2.7.12.pom (3.4 kB at 2.8 kB/s)
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.7.12/spring-boot-buildpack-platform-2.7.12.pom (3.4 kB at 2.8 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.12/spring-boot-loader-tools-2.7.12.pom (2.2 kB at 1.9 kB/s)
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.12/spring-boot-loader-tools-2.7.12.pom (2.2 kB at 1.9 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.7.12/spring-boot-buildpack-platform-2.7.12.jar (259 kB at 741 kB/s)
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.7.12/spring-boot-buildpack-platform-2.7.12.jar (259 kB at 741 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.12/spring-boot-loader-tools-2.7.12.jar (250 kB at 1.2 MB/s)
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.12/spring-boot-loader-tools-2.7.12.jar (250 kB at 1.2 MB/s)
[INFO] Replacing main artifact with repackaged archive
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 43.520 s
[INFO] Finished at: 2023-06-14T17:53:08+05:30
[INFO] -----
[WARNING] Plugin validation issues were detected in 4 plugin(s)
[WARNING]
[WARNING] * org.apache.maven.plugins:maven-resources-plugin:3.2.0
[WARNING] * org.apache.maven.plugins:maven-jar-plugin:3.2.2
[WARNING] * org.apache.maven.plugins:maven-compiler-plugin:3.10.1
[WARNING] * org.apache.maven.plugins:maven-surefire-plugin:2.22.2
[WARNING]
[WARNING] For more or less details, use 'maven.plugin.validation' property with one of the values (case insensitive): [BRIEF, DEFAULT, VERBOSE]

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker images
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C:\Windows\System32\cmd.exe - minikube dashboard

[WARNING]

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
kicbase/stable v0.0.39 67a4b1138d2d 2 months ago 1.05GB

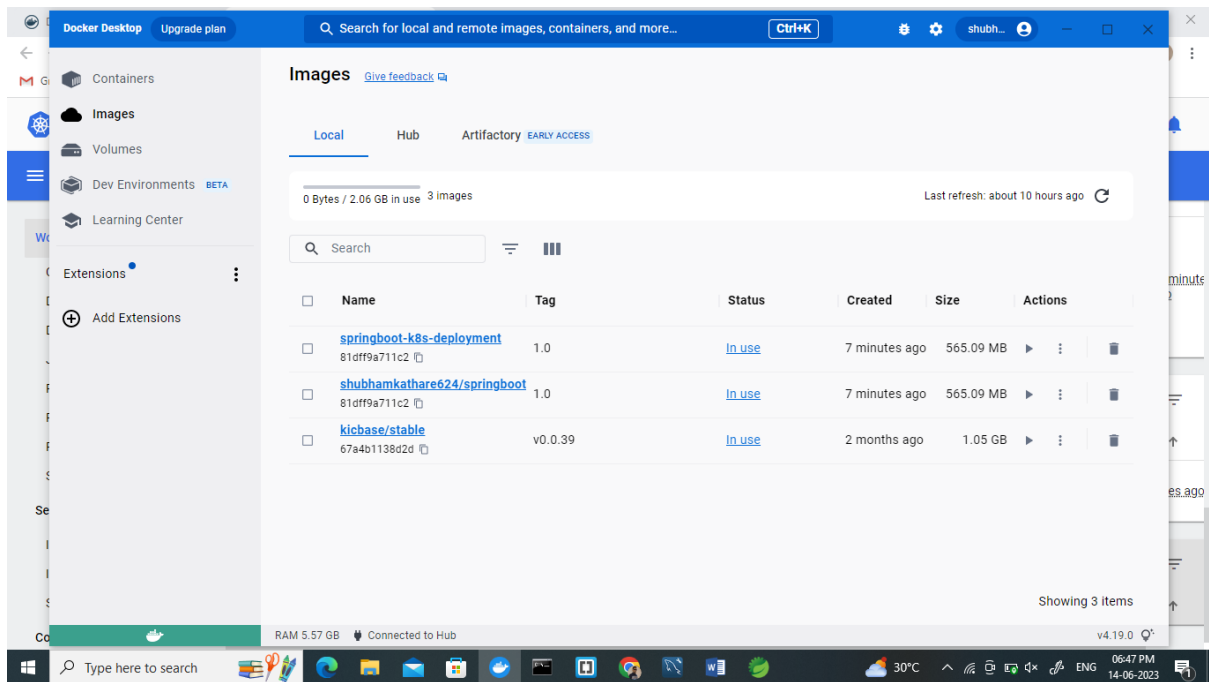
E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker build -t springboot-k8s-deployment:1.0 .
[+] Building 0.5s (8/8) FINISHED
=> [internal] load build definition from Dockerfile 0.9s
=> => transferring dockerfile: 181B 0.1s
=> [internal] load .dockerignore 0.9s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/openjdk:8 3.6s
=> [auth] library/openjdk:pull token for registry-1.docker.io 0.0s
=> [internal] load build context 2.9s
=> => transferring context: 39.05MB 1.8s
=> CACHED [1/2] FROM docker.io/library/openjdk:8@sha256:86e863cc57215cfb181bd319736d0baf625fe8f150577f9eb58bd937 0.0s
=> [2/2] ADD target/springboot-k8s-crud.jar springboot-k8s-crud.jar 1.0s
=> exporting to image 0.9s
=> => exporting layers 0.8s
=> => writing image sha256:81dff9a711c28992cb090cbf0015507b4d7613605706dcf5bbbf27f275103985 0.1s
=> => naming to docker.io/library/springboot-k8s-deployment:1.0 0.0s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
springboot-k8s-deployment 1.0 81dff9a711c2 15 seconds ago 565MB
kicbase/stable v0.0.39 67a4b1138d2d 2 months ago 1.05GB

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker tag springboot-k8s-deployment:1.0 shubhamkathare624/springboot-k8s-deployment:1.0

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker push shubhamkathare624/springboot-k8s-deployment:1.0
The push refers to repository [docker.io/shubhamkathare624/springboot-k8s-deployment]
a29458f25d8d: Pushed
6b5aaff44254: Mounted from library/openjdk
53a0b163e995: Pushed
b626401ef603: Mounted from library/openjdk
b655156abf26: Mounted from library/openjdk
93d5db36c9f: Mounted from library/openjdk
03127cd0479b: Mounted from library/openjdk
9c742cd6c7a5: Mounted from library/openjdk
1.0: digest: sha256:7d2f4d99cf6a0fcd30a573deb37899d91ed0c79f7d69e77a1ca6f8fa2b521 size: 2007

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
```



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C:\Windows\System32\cmd.exe - minikube dashboard

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker tag springboot-k8s-deployment:1.0 shubhamkathare624/springboot-k8s-deployment:1.0
E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker push shubhamkathare624/springboot-k8s-deployment:1.0
The push refers to repository [docker.io/shubhamkathare624/springboot-k8s-deployment]
a29458f25d8d: Pushed
6b5aaff44254: Mounted from library/openjdk
53a0b163e995: Pushed
b026401ef003: Mounted from library/openjdk
9055156abf26: Mounted from library/openjdk
293d5db98c9f: Mounted from library/openjdk
03127c0b479b: Mounted from library/openjdk
9c742cd6c7a5: Mounted from library/openjdk
1.0: digest: sha256:7d2f4d99cf6a0fcd9b230a573deb37899d91ed0c79f7d69e77a1ca6f8fa2b521 size: 2007

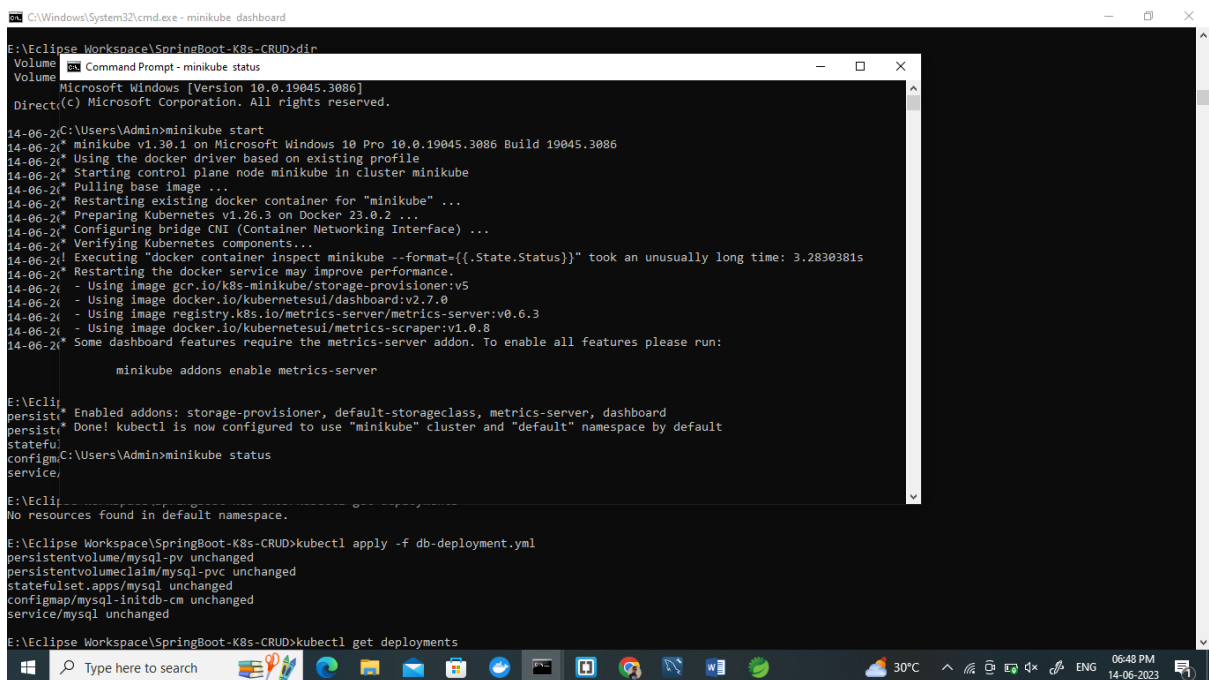
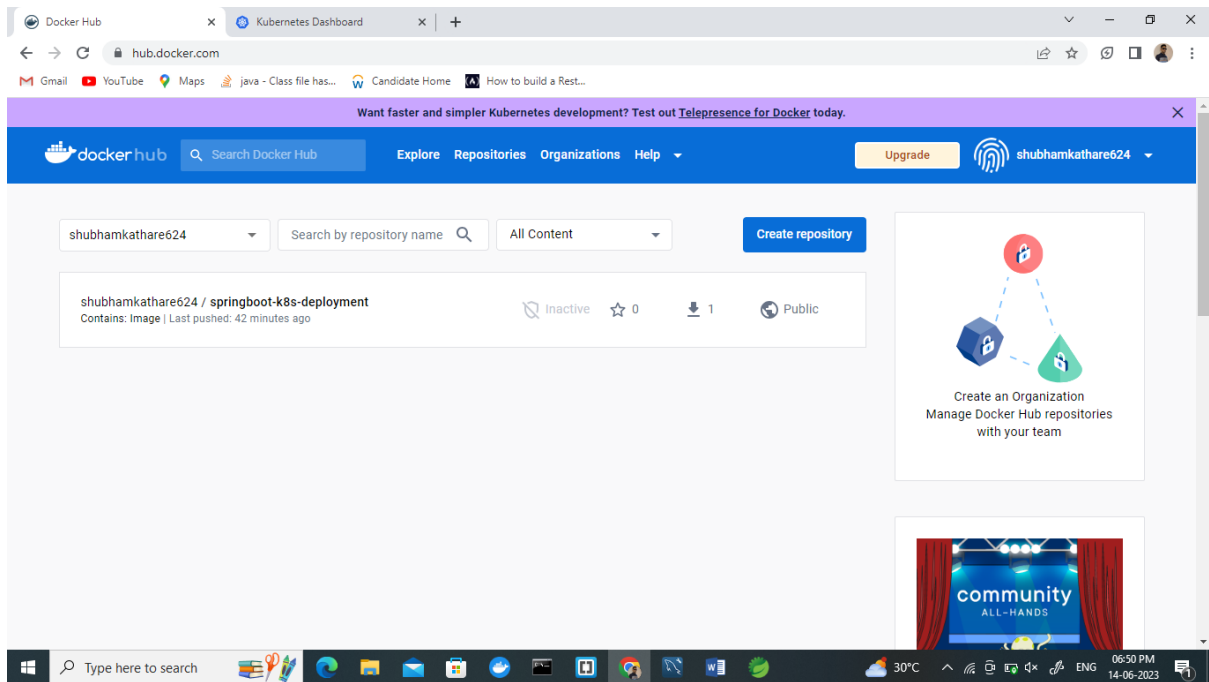
E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
springboot-k8s-deployment  1.0                81dff9a711c2       6 minutes ago      565MB
shubhamkathare624/springboot-k8s-deployment  1.0                81dff9a711c2       6 minutes ago      565MB
kicbase/stable        v0.0.39            67a4b1138d2d       2 months ago       1.05GB

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>docker run -p 8080:8080 shubhamkathare624/springboot-k8s-deployment:1.0

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:: Spring Boot ::
               (v2.7.12)

2023-06-14 12:40:14.513 INFO 1 --- [main] c.l.SpringBootK8sCrudApplication : Starting SpringBootK8sCrudApplication v0.0.1-SNAPSHOT using Java 1.8.0_342 on 0c9df7dfc633 with PID 1 (/springboot-k8s-crud.jar started by root in /)
2023-06-14 12:40:14.544 INFO 1 --- [main] c.l.SpringBootK8sCrudApplication : No active profile set, falling back to 1 default profile: "default"
2023-06-14 12:40:43.801 INFO 1 --- [main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2023-06-14 12:40:53.310 INFO 1 --- [main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 8922 ms. Found 1 JPA repository interfaces.
2023-06-14 12:40:56.764 INFO 1 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-06-14 12:40:56.819 INFO 1 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-06-14 12:40:56.821 INFO 1 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.75]
2023-06-14 12:40:57.191 INFO 1 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-06-14 12:40:57.196 INFO 1 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 42270 ms
2023-06-14 12:40:57.993 INFO 1 --- [main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2023-06-14 12:40:58.110 INFO 1 --- [main] org.hibernate.Version : HHH000412: Hibernate ORM core version 5.6.15.Final
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C:\Windows\System32\cmd.exe - minikube dashboard
14-06-2023 05:34 PM 2,017 .classpath
14-06-2023 05:32 PM 395 .eitieneore
14-06-2023 Command Prompt
14-06-2023 Restarting existing docker container for "minikube" ...
14-06-2023* Preparing Kubernetes v1.26.3 on Docker 23.0.2 ...
14-06-2023* Configuring bridge CNI (Container Networking Interface) ...
14-06-2023* Verifying Kubernetes components...
14-06-2023! Executing "docker container inspect minikube --format={{.State.Status}}" took an unusually long time: 3.2830381s
14-06-2023! Restarting the docker service may improve performance.
14-06-2023 - Using image gcr.io/k8s-minikube/storage-provisioner:v5
14-06-2023 - Using image docker.io/kubernetes/dashboard:v2.7.0
14-06-2023 - Using image registry.k8s.io/metrics-server/metrics-server:v0.6.3
14-06-2023 - Using image docker.io/kubernetes/metrics-scraper:v1.0.8
14-06-2023 Some dashboard features require the metrics-server addon. To enable all features please run:
minikube addons enable metrics-server
E:\Ecli
persist
persist* Enabled addons: storage-provisioner, default-storageclass, metrics-server, dashboard
statefu
statefu* Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
config
serviceC:\Users\Admin\minikube status
! Executing "docker container inspect minikube --format={{.State.Status}}" took an unusually long time: 2.3942812s
E:\Ecli
No resom
type: Control Plane
E:\Ecli
persist
persist* kubelet: Running
persist
persist* apiserver: Running
statefu
statefu* kubeconfig: Configured
config
service
C:\Users\Admin>
E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get deployments
No resources found in default namespace.
E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get pods
NAME READY STATUS RESTARTS AGE
mysql-0 1/1 Running 0 7m25s
E:\Eclipse Workspace\SpringBoot-K8s-CRUD>dir
Volume in drive E is Information
Volume Serial Number is C2CE-4E3E
```

Containers

Images

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Containers

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Only show running containers

	Name	Image	Status	Port(s)	Last started	Actions
<input type="checkbox"/>	minikube b34f18936d81	docker.io/kicbase/stable-v0.0	Running	61077:22 Show all ports (5)	56 minutes ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	bold_ellis 0c9df7dfc633	shubhamkathare624/springbc	Exited (1)	8080:8080	39 minutes ago	<div></div> <div></div> <div></div>

Showing 2 items

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RAM 5.61 GB CPU 16.04% Connected to Hub

v4.19.0 100%


```
C:\Windows\System32\cmd.exe - minikube dashboard

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>dir
Volume in drive E is Information
Volume Serial Number is C2CE-4E3E

Directory of E:\Eclipse Workspace\SpringBoot-K8s-CRUD

14-06-2023 05:59 PM <DIR> .
14-06-2023 05:59 PM <DIR> ..
14-06-2023 05:34 PM 2,017 .classpath
14-06-2023 05:32 PM 395 .gitignore
14-06-2023 05:32 PM <DIR> .mvn
14-06-2023 05:34 PM 724 .project
14-06-2023 05:34 PM <DIR> .settings
14-06-2023 05:20 PM 1,394 app-deployment.yml
14-06-2023 05:59 PM 1,676 db-deployment.yml
14-06-2023 05:56 PM 142 Dockerfile
14-06-2023 05:32 PM 1,238 HELP.md
14-06-2023 05:32 PM 10,284 mvnw
14-06-2023 05:32 PM 6,734 mvnw.cmd
14-06-2023 05:51 PM 1,759 pom.xml
14-06-2023 05:32 PM <DIR> src
14-06-2023 05:53 PM <DIR> target
10 File(s) 76,363 bytes
0 Dir(s) 67,921,068,032 bytes free

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl apply -f app-deployment.yml
deployment.apps/springboot-crud-deployment created
service/springboot-crud-svc created

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get deployments
NAME READY UP-TO-DATE AVAILABLE AGE
springboot-crud-deployment 0/2 2 0 75s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get pods
NAME READY STATUS RESTARTS AGE
mysql-0 1/1 Running 0 9m47s
springboot-crud-deployment-55d59f9599-112nb 0/1 ContainerCreating 0 109s
springboot-crud-deployment-55d59f9599-pr2wz 0/1 ContainerCreating 0 109s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get pods
NAME READY STATUS RESTARTS AGE
mysql-0 1/1 Running 0 10m
springboot-crud-deployment-55d59f9599-112nb 0/1 ContainerCreating 0 2m39s
```

```
C:\Windows\System32\cmd.exe - minikube dashboard

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl apply -f app-deployment.yml
deployment.apps/springboot-crud-deployment created
service/springboot-crud-svc created

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get deployments
NAME READY UP-TO-DATE AVAILABLE AGE
springboot-crud-deployment 0/2 2 0 75s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get pods
NAME READY STATUS RESTARTS AGE
mysql-0 1/1 Running 0 9m47s
springboot-crud-deployment-55d59f9599-112nb 0/1 ContainerCreating 0 109s
springboot-crud-deployment-55d59f9599-pr2wz 0/1 ContainerCreating 0 109s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get pods
NAME READY STATUS RESTARTS AGE
mysql-0 1/1 Running 0 10m
springboot-crud-deployment-55d59f9599-112nb 0/1 ContainerCreating 0 2m39s
springboot-crud-deployment-55d59f9599-pr2wz 0/1 ContainerCreating 0 2m39s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get pods
NAME READY STATUS RESTARTS AGE
mysql-0 1/1 Running 0 12m
springboot-crud-deployment-55d59f9599-112nb 0/1 ContainerCreating 0 4m6s
springboot-crud-deployment-55d59f9599-pr2wz 0/1 ContainerCreating 0 4m6s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get pods
NAME READY STATUS RESTARTS AGE
mysql-0 1/1 Running 0 12m
springboot-crud-deployment-55d59f9599-112nb 0/1 ContainerCreating 0 4m43s
springboot-crud-deployment-55d59f9599-pr2wz 1/1 Running 0 4m43s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl get pods
NAME READY STATUS RESTARTS AGE
mysql-0 1/1 Running 0 13m
springboot-crud-deployment-55d59f9599-112nb 1/1 Running 0 5m16s
springboot-crud-deployment-55d59f9599-pr2wz 1/1 Running 0 5m16s

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl logs mysql-0
Unable to connect to the server: net/http: TLS handshake timeout

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl logs springboot-crud-deployment-55d59f9599-112nb
```

```
C:\Windows\System32\cmd.exe - minikube dashboard

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl logs springboot-crud-deployment-55d59f9599-1l2nb

:: Spring Boot ::
(v2.7.12)

2023-06-14 13:00:26.454 INFO 1 --- [main] c.l.SpringBootK8sCrudApplication : Starting SpringBootK8sCrudApplication v0.0.1-SNAPSHOT using Java 1.8.0_342 on springboot-crud-deployment-55d59f9599-1l2nb with PID 1 (/springboot-k8s-crud.jar started by root in /)
2023-06-14 13:00:26.468 INFO 1 --- [main] c.l.SpringBootK8sCrudApplication : No active profile set, falling back to 1 default profile: "default"
2023-06-14 13:01:29.934 INFO 1 --- [main] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2023-06-14 13:01:30.847 INFO 1 --- [main] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 811 ms. Found 1 JPA repository interfaces.
2023-06-14 13:01:39.650 INFO 1 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-06-14 13:01:39.878 INFO 1 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-06-14 13:01:39.880 INFO 1 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.75]
2023-06-14 13:01:41.169 INFO 1 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-06-14 13:01:41.171 INFO 1 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 74030 ms

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>kubectl logs springboot-crud-deployment-55d59f9599-pr2wz

:: Spring Boot ::
(v2.7.12)

2023-06-14 13:00:09.372 INFO 1 --- [main] c.l.SpringBootK8sCrudApplication : Starting SpringBootK8sCrudApplication v0.0.1-SNAPSHOT using Java 1.8.0_342 on springboot-crud-deployment-55d59f9599-pr2wz with PID 1 (/springboot-k8s-crud.jar started by root in /)
2023-06-14 13:00:09.380 INFO 1 --- [main] c.l.SpringBootK8sCrudApplication : No active profile set, falling back to 1 default profile: "default"
2023-06-14 13:00:27.961 INFO 1 --- [main] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2023-06-14 13:00:28.646 INFO 1 --- [main] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 579 ms. Found 1 JPA repository interfaces.
2023-06-14 13:01:31.165 INFO 1 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-06-14 13:01:31.272 INFO 1 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-06-14 13:01:31.273 INFO 1 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.75]
2023-06-14 13:01:33.859 INFO 1 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-06-14 13:01:33.863 INFO 1 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 83385 ms
```

```
C:\Windows\System32\cmd.exe - minikube dashboard

at com.mysql.cj.protocol.a.NativeSocketConnection.connect(NativeSocketConnection.java:89) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
at com.mysql.cj.NativeSession.connect(NativeSession.java:121) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
at com.mysql.cj.jdbc.ConnectionImpl.connectOneTryOnly(ConnectionImpl.java:945) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
at com.mysql.cj.jdbc.ConnectionImpl.createNewIO(ConnectionImpl.java:815) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
... 57 common frames omitted
Caused by: java.net.ConnectException: Connection refused (Connection refused)
at java.net.PlainSocketImpl.socketConnect(Native Method) ~[na:1.8.0_342]
at java.net.AbstractPlainSocketImpl.doConnect(AbstractPlainSocketImpl.java:350) ~[na:1.8.0_342]
at java.net.AbstractPlainSocketImpl.connectToAddress(AbstractPlainSocketImpl.java:206) ~[na:1.8.0_342]
at java.net.AbstractPlainSocketImpl.connect(AbstractPlainSocketImpl.java:188) ~[na:1.8.0_342]
at java.net.SocksSocketImpl.connect(SocksSocketImpl.java:392) ~[na:1.8.0_342]
at java.net.Socket.connect(Socket.java:607) ~[na:1.8.0_342]
at com.mysql.cj.protocol.StandardSocketFactory.connect(StandardSocketFactory.java:153) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
at com.mysql.cj.protocol.a.NativeSocketConnection.connect(NativeSocketConnection.java:63) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
... 60 common frames omitted

E:\Eclipse Workspace\SpringBoot-K8s-CRUD>minikube dashboard
* Verifying dashboard health ...
* Launching proxy ...
* Verifying proxy health ...
* Opening http://127.0.0.1:61708/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard:/proxy/ in your default browser...
```


A screenshot of the Kubernetes Dashboard web interface. The browser address bar shows the URL: 127.0.0.1:61708/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard/proxy/#/workloads?namespace=default. The dashboard header includes the Kubernetes logo, a namespace dropdown set to 'default', and a search bar. The left sidebar lists various workload types: Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, and Stateful Sets. The main content area is titled 'Workload Status' and displays two large green circles representing the status of Deployments and Pods. Below the left circle, it says 'Running: 1' and 'Deployments'. Below the right circle, it says 'Running: 3' and 'Pods'. At the bottom of the screen, a Windows taskbar is visible with various application icons and the system clock showing 06:52 PM on 14-06-2023.

Kubernetes Dashboard

default

Search

Workloads > Deployments

Workloads

- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

Service

- Ingresses
- Ingress Classes
- Services

Config and Storage

CPU Usage

Waiting for more data to display chart...

Memory Usage

Waiting for more data to display chart...

Deployments

Name	Images	Labels	Pods	Created
springboot-crud-deployment	shubhamkathare624/springboot-k8s-deployment:1.0		2 / 2	30 minutes ago

Kubernetes Dashboard

default

Search

Workloads > Pods

Workloads

- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

Service

- Ingresses
- Ingress Classes
- Services

Config and Storage

CPU Usage

Memory Usage

Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created
springboot-crud-deployment-55d59f9599-ll2nb	shubhamkathare624/springboot-k8s-deployment:1.0	app: springboot-k8s-mysql pod-template-hash: 55d59f9599	minikube	CrashLoop 5		170.00m	136.71Mi	30 minutes ago

Kubernetes Dashboard

127.0.0.1:61708/api/v1/namespaces/kubernetes-dashboard/services/httpkubernetes-dashboard/proxy/#/pod?namespace=default

Gmail YouTube Maps java - Class file has... Candidate Home How to build a Rest...

kubernetes default Search + 🔔

Workloads > Pods

Workloads Cron Jobs Daemon Sets Deployments Jobs Pods Replica Sets Replication Controllers Stateful Sets Service Ingresses Ingress Classes Services Config and Storage

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created ago
springboot-crud-deployment-55d59f9599-ltznbn	shubhamkathare624/springboot-k8s-deployment:1.0	app: springboot-k8s-mysql pod-template-hash: 55d59f9599	minikube	CrashLoopBackOff	5	178.00m	136.71Mi	30 minutes ago
springboot-crud-deployment-55d59f9599-pr2wz	shubhamkathare624/springboot-k8s-deployment:1.0	app: springboot-k8s-mysql pod-template-hash: 55d59f9599	minikube	CrashLoopBackOff	5	268.00m	142.72Mi	30 minutes ago
mysql-0	mysql:8.0	app: mysql controller-revision-hash: mysql-855dc86f9c statefulset.kubernetes.io/pod-name: mysql-0	minikube	Running	0	7.00m	588.02Mi	38 minutes ago