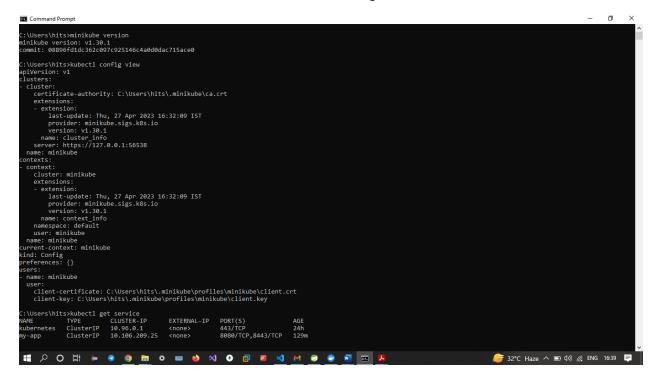
Basic commands to check version of minikub, kubectl configuration and to check services.



## Added nginx image to docker image

Started minikube. With this image/ container and volume got created in docker as shown below.

```
C:\Users\hits>minikube start
**minikube v1.30.1 on Microsoft Windows 10 Enterprise N 10.0.19044.1288 Build 19044.1288

Using the docker driver based on existing profile
**Starting control plane node minikube in cluster minikube
**Pulling base image ...
**Perlyaning existing docker container for "minikube" ...
**Preparing existing decker container for "minikube" ...
**Preparing Kubernetes v1.26.3 on Docker 23.0.2 ...
**Verifying Kubernetes components...
**Using image gcr.io/k8s-minikube/storage-provisioner:v5
**Enabled addons: storage-provisioner, default-storageclass
**Donel kubectl is now configured to use "minikube" cluster and "default" namespace by default

C:\Users\hits>docker ps
CONTAINER ID IMAGE

COMMAND

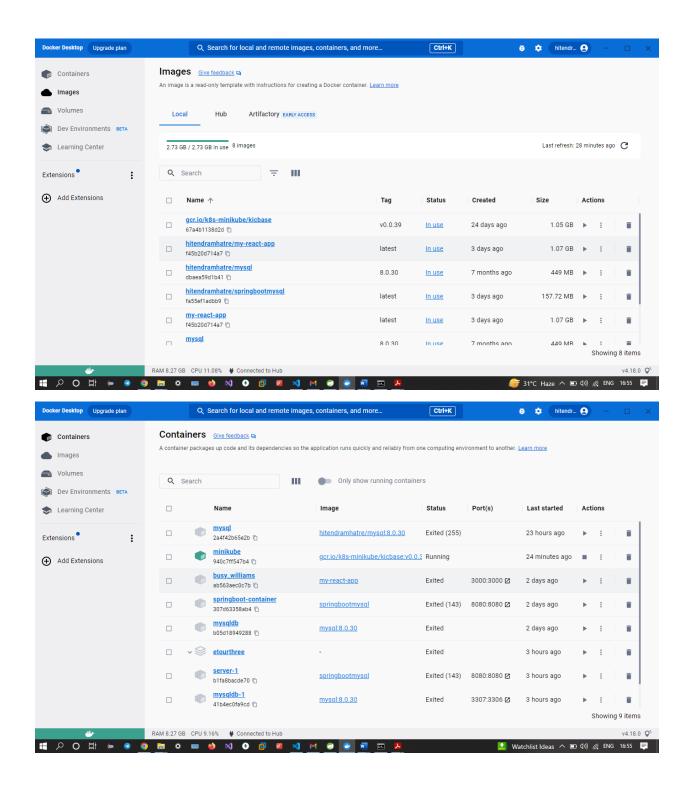
CREATED

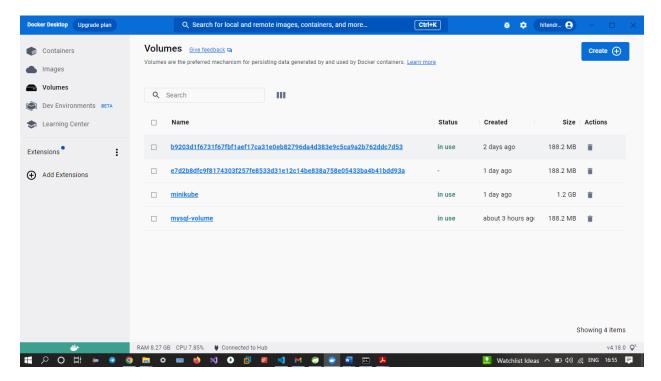
STATUS

PORTS

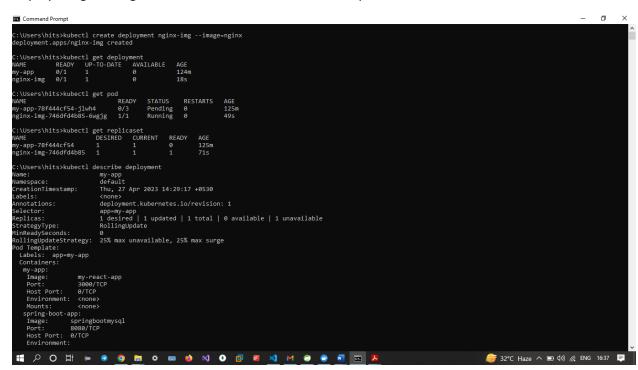
NAMES

948c7ff547b4 gcr.io/k8s-minikube/kicbase:v0.0.39 "/usr/local/bin/entr.... 25 hours ago Up About a minute 127.0.0.1:56534->22/tcp, 127.0.0.1:56535->2376/tcp, 127.0.0.1:56537->5000/tcp, 127.0.0.1:56538->8443/tcp, 127.0.0.1:56536->32443/tcp minikube
```





Deployed nginx image into kubernetes and checked description of same.



## Deleted my-app from deployment list.

```
C:\Users\hits\kubectl get deploy -A

MAMESPACE NAME READY UP-TO-DATE AVAILABLE AGE
default my-app 0/1 1 0 130m
default nginx-img 1/1 1 1 6m235
kube-system coredns 1/1 1 1 25h

C:\Users\hits\kubectl delete -f C:\Users\hits\Documents\workspace-sts-3.8.0.RELEASE\EtourThree\my-app-deployment.yaml

service "my-app" deleted
deployment.apps "my-app" deleted

C:\Users\hits\kubectl get deploy -A

NAMESPACE NAME READY UP-TO-DATE AVAILABLE AGE
default nginx-img 1/1 1 1 9m39s
kube-system coredns 1/1 1 1 25h

C:\Users\hits\s\coredns 1/1 1 1 25h
```

## Forwarded nginx-image to port 8081:8081

```
C:\Users\hits>kubectl expose deploy nginx-img --type=ClusterIp --port=8081
The Service "nginx-img" is invalid: spec.type: Unsupported value: "ClusterIp": supported values: "ClusterIP", "ExternalName", "LoadBalancer", "NodePort"

C:\Users\hits>kubectl get pod

NAME READY STATUS RESTARTS AGE
nginx-img-746dfd4b85-6wgjg 1/1 Running 0 14m

C:\Users\hits>kubectl port-forward nginx-img-746dfd4b85-6wgjg 8081:8081

Forwarding from 127.0.0.1:8081 -> 8081

Forwarding from [::1]:8081 -> 8081
```