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sam_13@LAPTOP-RQFUSG3F:~$ kubectl get pod
The connection to the server 127.0.0.1:32774 was refused - did you specify the right host or port?
sam_13@LAPTOP-ROFUSG3F:~$ minikube status
minikube
type: Control Plane
host: Stopped
kubelet: Stopped
apiserver: Stopped
kubeconfig: Stopped
sam_13@LAPTOP-RQFUSG3F:~$ minikube start
    minikube v1.35.0 on Übuntu 24.04 (amd64)
Using the docker driver based on existing profile
    Starting "minikube" primary control-plane node in "minikube" cluster
    Pulling base image v0.0.46 ...
    Restarting existing docker container for "minikube" ...
StartHost failed, but will try again: driver start: start: docker start minikube: exit status 1
stdout:
```

sam_13@LAPTOP-ROFUSG3F:~\$ kubectl delete all --all

```
Error: failed to start containers: minikube
    Restarting existing docker container for "minikube" ...
    Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
    Verifying Kubernetes components...

    Using image gcr.io/k8s-minikube/storage-provisioner:v5

    Enabled addons: storage-provisioner, default-storageclass
Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default sam_13@LAPTOP-RQFUSG3F:~$ kubectl delete all --all
pod "my-deploy-67d7595d74-9fdql" deleted
service "kubernetes" deleted
service "my-service" deleted
deployment.apps "my-deploy" deleted
sam_13@LAPTOP-RQFUSG3F:~$ kubectl get pod
No resources found in default namespace.
sam_13@LAPTOP-RQFUSG3F:~$ kubectl get node
                    ROLES
                                     AGE
NAME
           STATUS
                                            VERSION
minikube
           Ready
                    control-plane
                                     24m
                                            v1.32.0
sam_13@LAPTOP-RQFUSG3F:~$ kubectl get deploy
No resources found in default namespace.
sam_13@LAPTOP-RQFUSG3F:~$ kubectl get services
NAME
             TYPE
                          CLUSTER-IP
                                        EXTERNAL-IP
                                                      PORT(S)
                                                                 AGE
             ClusterIP
                         10.96.0.1
                                                      443/TCP
kubernetes
                                       <none>
                                                                 845
sam_13@LAPTOP-RQFUSG3F:~$ sudo nano deployment.yml
[sudo] password for sam_13:
sam_13@LAPTOP-RQFUSG3F:~$ kubectl apply -f deployment.yml
deployment.apps/my-deploy created
service/my-service created
sam_13@LAPTOP-RQFUSG3F:~$ minikube service my-service
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c46dff3245a05899617a6f6f/devices.allow: invalid argument: unknown

```
service/my-service created
sam_13@LAPTOP-RQFUSG3F:~$ minikube service my-service
   NAMESPACE
                      NAME
                                   TARGET PORT
                                                                    URL
                                            9000
  default
                                                     http://192.168.49.2:30002
                  my-service
     Starting tunnel for service my-service.
   NAMESPACE
                      NAME
                                   TARGET PORT
                                                                 URL
   default
                                                      http://127.0.0.1:37803
                  my-service
     Opening service default/my-service in default browser...
     http://127.0.0.1:37803
     Because you are using a Docker driver on linux, the terminal needs to be open to run it.
^C Stopping tunnel for service my-service.
sam_13@LAPTOP-RQFUSG3F:~$ kubectl port-forward svc/my-service 9000: 9000 Forwarding from 127.0.0.1:9000 -> 8080 Forwarding from [::1]:9000 -> 8080
Unable to listen on port 9000: Listeners failed to create with the following errors: [unable to create listener: Error l isten tcp4 127.0.0.1:9000: bind: address already in use unable to create listener: Error listen tcp6 [::1]:9000: bind: a
ddress already in use]
^[[A^[[A^Csam_13@LAPTOP-RQFUSG3F:~$ ^C
sam_13@LAPTOP-ROFUSG3F:~$ sudo nano deployment.yml
sam_13@LAPTOP-ROFUSG3F:~$ kubectl apply -f deployment.yml
deployment.apps/my-deploy configured
service/my-service configured
sam_13@LAPTOP-ROFUSG3F:~$ minikube service my-service
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NAMESPACE
                  NAME
                            TARGET PORT
                                                       URL
 default
                                           http://192.168.49.2:30002
              my-service
                                    9005
    Starting tunnel for service my-service.
 NAMESPACE
                  NAME
                            TARGET PORT
                                                     URL
 default
                                           http://127.0.0.1:39421
              my-service
   Opening service default/my-service in default browser...
   http://127.0.0.1:39421
   Because you are using a Docker driver on linux, the terminal needs to be open to run it.
^C 🖐
    Stopping tunnel for service my-service.
sam_13@LAPTOP-RQFUSG3F:~$ kubectl port-forward svc/my-service 9005:9005
Forwarding from 127.0.0.1:9005 -> 8080
Forwarding from [::1]:9005 -> 8080
Handling connection for 9005
```

sam_13@LAPTOP-RQFUSG3F:~\$ minikube service my-service

```
sam_13@LAPTOP-RQFUSG3F:~$ cat deployment.yml
apiVersion: apps/v1
kind: Deployment
metadata:
  name: my-deploy
  labels:
    name: my-deploy
spec:
  replicas: 1
  selector:
    matchLabels:
      apptype: web-backend
  strategy:
    type: RollingUpdate
  template:
    metadata:
      labels:
        apptype: web-backend
      containers:
      - name: my-app
        image: sam1302/simple-web-app:latest
        ports:
        - containerPort: 9005
apiVersion: v1
kind: Service
metadata:
  name: my-service
  labels:
    app: my-service
spec:
  type: NodePort
  ports:
    - port: 9005
      targetPort: 8080
      nodePort: 30002
  selector:
apptype: web-backend
sam_13@LAPTOP-RQFUSG3F:~$ |
```