

```
ragu_ubuntu@Kavin: ~  
l tcp 127.0.0.1:32769: connect: connection refused; if you choose to ignore these errors, turn validation off with --validate=false  
ragu_ubuntu@Kavin:~$ minikube start  
🐳 minikube v1.35.0 on Ubuntu 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" ...  
❗ Failing to connect to https://registry.k8s.io/ from both inside the minikube container and host machine  
💡 To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/docs/reference/networking/proxy/  
🌐 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  
ragu_ubuntu@Kavin:~$ kubectl apply -f pod.yaml  
pod/my-app created  
ragu_ubuntu@Kavin:~$ kubectl get pod-ns.yaml  
error: the server doesn't have a resource type "pod-ns"  
ragu_ubuntu@Kavin:~$ kubectl get pod.yaml  
error: the server doesn't have a resource type "pod"  
ragu_ubuntu@Kavin:~$ kubectl get pod  
NAME      READY   STATUS    RESTARTS   AGE  
my-app    1/1     Running   0           107s  
ragu_ubuntu@Kavin:~$ sudo nano rs.yaml  
ragu_ubuntu@Kavin:~$ kubectl apply -f rs.yaml  
Error from server (BadRequest): error when creating "rs.yaml": ReplicaSet in version "v1" cannot be handled as a ReplicaSet: json: cannot unmarsh  
al string into Go struct field Container.spec.template.spec.containers.ports of type v1.ContainerPort  
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ragu_ubuntu@Kavin:~$ sudo nano rs.yaml  
ragu_ubuntu@Kavin:~$ kubectl apply -f rs.yaml  
replicaset.apps/my-rs created  
ragu_ubuntu@Kavin:~$ kubectl get rs  
NAME      DESIRED   CURRENT   READY   AGE  
my-rs     4          4          3       10s  
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ragu_ubuntu@Kavin:~$ sudo nano deploy.yaml  
ragu_ubuntu@Kavin:~$ kubectl apply -f deploy.yaml  
deployment.apps/my-deploy created  
ragu_ubuntu@Kavin:~$ kubectl get deploy  
NAME      READY   UP-TO-DATE   AVAILABLE   AGE  
my-deploy 0/4      4            0           4s  
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ragu_ubuntu@Kavin:~$ sudo nano deploy.yaml  
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deployment.apps/my-deploy configured  
service/my-service created  
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deployment.apps/my-deploy configured  
service/my-service created  
ragu_ubuntu@Kavin:~$ minikube service my-service  
-----  
| NAMESPACE | NAME      | TARGET PORT | URL                               |  
-----  
| default   | my-service | 9000        | http://192.168.49.2:30002       |  
-----  
🚀 Starting tunnel for service my-service.  
-----  
| NAMESPACE | NAME      | TARGET PORT | URL                               |  
-----  
| default   | my-service |             | http://127.0.0.1:34289         |  
-----  
🌐 Opening service default/my-service in default browser...  
👉 http://127.0.0.1:34289  
❗ 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.  
ragu_ubuntu@Kavin:~$ curl http://192.168.49.2:30002  
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> } h1, h2, h3, b {color:white;background-color:#525D76;} h1 {font-size:22px;} h2 {font-size:16px;} h3 {font-size:14px;} p {font-size:12px;} a {co
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default	my-service	9000	http://192.168.49.2:30002
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Starting tunnel for service my-service.

NAMESPACE	NAME	TARGET PORT	URL
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Opening service default/my-service in default browser...

http://127.0.0.1:34289

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