

DEVOPS - TASK 3

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Start Minikube:

```
swathi_ubu@DESKTOP-65I62SV:~/docker/spring-framework-petclinic$ 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 ...
Updating the running docker "minikube" container ...
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
swathi_ubu@DESKTOP-65I62SV:~/docker/spring-framework-petclinic$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
swathi_ubu@DESKTOP-65I62SV:~/docker/spring-framework-petclinic$ kubectl create deployment r1 --image=swathiel701/petclinic --port=8080
deployment.apps/r1 created
```

```
swathi_ubu@DESKTOP-65I62SV:~/docker/spring-framework-petclinic$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
r1-6c8698c4b6-nhr8l  1/1     Running   0           2m50s
r1-5758bcd4b4-dlwfg  0/1     InvalidImageName  0           103m
swathi_ubu@DESKTOP-65I62SV:~/docker/spring-framework-petclinic$ kubectl expose deployment r1 --port=8080 --type=NodePort
service/r1 exposed
swathi_ubu@DESKTOP-65I62SV:~/docker/spring-framework-petclinic$ minikube service r1
```

NAMESPACE	NAME	TARGET PORT	URL
default	r1	8080	http://192.168.49.2:31484

```
Starting tunnel for service r1.
```

NAMESPACE	NAME	TARGET PORT	URL
default	r1		http://127.0.0.1:39883

```
Opening service default/r1 in default browser...
http://127.0.0.1:39883
! Because you are using a Docker driver on linux, the terminal needs to be open to run it.
```

