



```
malini@MaliniRamachandran:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-maven-6d579467b5-t74fs         0/1     ContainerCreating   0           31s
java-maven-6d579467b5-rpwdx         0/1     ContainerCreating   0           67s
java-maven-6d579467b5-s7kh7         0/1     ContainerCreating   0           67s
java-maven-6d579467b5-t74fs         0/1     ContainerCreating   0           67s
malini@MaliniRamachandran:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-maven-6d579467b5-rpwdx         0/1     ContainerCreating   0           71s
java-maven-6d579467b5-s7kh7         0/1     ContainerCreating   0           71s
java-maven-6d579467b5-t74fs         0/1     ContainerCreating   0           71s
malini@MaliniRamachandran:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-maven-6d579467b5-rpwdx         1/1     Running    0           2m21s
java-maven-6d579467b5-s7kh7         1/1     Running    0           2m21s
java-maven-6d579467b5-t74fs         1/1     Running    0           2m21s
malini@MaliniRamachandran:~$ kubectl expose deployment java-maven --type=NodePort --port=8080
service/java-maven exposed
malini@MaliniRamachandran:~$ kubectl get services
NAME      TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)          AGE
java-maven NodePort    10.111.10.14   <none>         8080:31472/TCP   13s
kubernetes ClusterIP  10.96.0.1      <none>         443/TCP          9m58s
malini@MaliniRamachandran:~$ minikube service java-maven
Starting tunnel for service java-maven.
NAMESPACE  NAME      TARGET PORT  URL
default    java-maven 8080         http://192.168.49.2:31472
Opening service default/java-maven in default browser...
http://127.0.0.1:40527
! Because you are using a Docker driver on linux, the terminal needs to be open to run it.
minikube service java-maven
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malini@MaliniRamachandran:~$ ^C
malini@MaliniRamachandran:~$ ^C
malini@MaliniRamachandran:~$ minikube service java-maven
🔥 The control-plane node minikube apiserver is not running: (state=Stopped)
🔥 To start a cluster, run: "minikube start"
malini@MaliniRamachandran:~$ minikube delete
🔥 Deleting "minikube" in docker ...
🔥 Deleting container "minikube" ...
🔥 Removing /home/malini/.minikube/machines/minikube ...
💀 Removed all traces of the "minikube" cluster.
malini@MaliniRamachandran:~$ minikube start
🔥 minikube v1.35.0 on Ubuntu 24.04 (amd64)
🔥 Automatically selected the docker driver
🔥 Using Docker driver with root privileges
🔥 Starting "minikube" primary control-plane node in "minikube" cluster
🔥 Pulling base image v0.0.46 ...
🔥 Creating docker container (CPUs=2, Memory=2200MB) ...
🔥 Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
  • Generating certificates and keys ...
  • Booting up control plane ...
  • Configuring RBAC rules ...
🔗 Configuring bridge CNI (Container Networking Interface) ...
🔍 Verifying Kubernetes components...
  • Using image gcr.io/k8s-minikube/storage-provisioner:v5
🔥 Enabled addons: storage-provisioner, default-storageclass
🔥 Done! kubectli is now configured to use "minikube" cluster and "default" namespace by default
malini@MaliniRamachandran:~$ minikube service java-maven

❌ Exiting due to SVC_NOT_FOUND: Service 'java-maven' was not found in 'default' namespace.
You may select another namespace by using 'minikube service java-maven -n <namespace>'. Or list out all the services using 'minikube service list'

malini@MaliniRamachandran:~$ minikube service java-maven -n
Error: flag needs an argument: 'n' in -n
See 'minikube service --help' for usage.
malini@MaliniRamachandran:~$ minikube service java-maven

❌ Exiting due to SVC_NOT_FOUND: Service 'java-maven' was not found in 'default' namespace.
```