

```
192.168.49.2
kaviya-varma@kaviya-varma-Virtual-Platform:~$ minikube ip
192.168.49.2
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-naven-6dc79b4949-2vpb7        0/1     ContainerCreating   0           2m54s
java-naven-6dc79b4949-799v8        0/1     ContainerCreating   0           2m54s
java-naven-6dc79b4949-rzvxg        0/1     ContainerCreating   0           2m54s
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get services
NAME      TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)          AGE
java-naven NodePort    10.101.72.156 <none>        8888:31998/TCP   14m
kubernetes ClusterIP  10.96.0.1     <none>        443/TCP          87m
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-naven-6dc79b4949-2vpb7        0/1     ContainerCreating   0           3m49s
java-naven-6dc79b4949-799v8        0/1     ContainerCreating   0           3m49s
java-naven-6dc79b4949-rzvxg        0/1     ContainerCreating   0           3m49s
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-naven-6dc79b4949-2vpb7        0/1     ContainerCreating   0           3m55s
java-naven-6dc79b4949-799v8        0/1     ContainerCreating   0           3m55s
java-naven-6dc79b4949-rzvxg        0/1     ContainerCreating   0           3m55s
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-naven-6dc79b4949-2vpb7        1/1     Running     0           4m39s
java-naven-6dc79b4949-799v8        1/1     Running     0           4m39s
java-naven-6dc79b4949-rzvxg        1/1     Running     0           4m39s
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get services
NAME      TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)          AGE
java-naven NodePort    10.101.72.156 <none>        8888:31998/TCP   16m
kubernetes ClusterIP  10.96.0.1     <none>        443/TCP          88m
kaviya-varma@kaviya-varma-Virtual-Platform:~$
kaviya-varma@kaviya-varma-Virtual-Platform:~$
kaviya-varma@kaviya-varma-Virtual-Platform:~$
kaviya-varma@kaviya-varma-Virtual-Platform:~$
```

```
39cf8a89a5a: Mounted From library/tomcat
7944dcf94898: Mounted From library/tomcat
3359bcbf7a6a: Mounted From library/tomcat
4b7cb1ed6534: Mounted From library/tomcat
latest: digest: sha256:b1fb51ec5234d7ebf4627b123bf21d9b5becbd3e893811ef6576b3705b509c6 size: 2413
kaviya-varma@kaviya-varma-Virtual-Platform:~$ nano deployment.yml
kaviya-varma@kaviya-varma-Virtual-Platform:~$
kaviya-varma@kaviya-varma-Virtual-Platform:~$
kaviya-varma@kaviya-varma-Virtual-Platform:~$
kaviya-varma@kaviya-varma-Virtual-Platform:~$
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl apply -f deployment.yml
Warning: resource deployments/java-naven is missing the kubectl.kubernetes.io/latest-applied-configuration annotation which is required by kubectl apply. kubectl apply should only be used on resources created declaratively by either kubectl create --save-config or kubectl apply. The missing annotation will be patched automatically.
deployment.apps/java-naven configured
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-naven-6dc79b4949-gclrq        0/1     ImagePullBackOff    0           18m
java-naven-6dc79b4949-nmqnt        0/1     ImagePullBackOff    0           18m
java-naven-6dc79b4949-pjshh        0/1     ImagePullBackOff    0           18m
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl delete deployment java-naven
deployment.apps "java-naven" deleted
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl create -f deployment.yml
deployment.apps/java-naven created
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl expose deployment java-naven --port=8888 --type=NodePort
Error from server (AlreadyExists): services "java-naven" already exists
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-naven-6dc79b4949-2vpb7        0/1     ContainerCreating   0           17s
java-naven-6dc79b4949-799v8        0/1     ContainerCreating   0           17s
java-naven-6dc79b4949-rzvxg        0/1     ContainerCreating   0           17s
kaviya-varma@kaviya-varma-Virtual-Platform:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
java-naven-6dc79b4949-2vpb7        0/1     ContainerCreating   0           21s
java-naven-6dc79b4949-799v8        0/1     ContainerCreating   0           21s
java-naven-6dc79b4949-rzvxg        0/1     ContainerCreating   0           21s
```

