1. Cluster master node creation

kubeadm init --apiserver-advertise-address $(hostname -i) --pod-network-cidr 10.5.0.0/16

1. Cluster Network

kubectl apply -f <https://raw.githubusercontent.com/cloudnativelabs/kube-router/master/daemonset/kubeadm-kuberouter.yaml>

1. Joining the node to master address

kubeadm join 192.168.0.8:6443 --token 9wn3u5.xad66dyozg4jh7fo \

--discovery-token-ca-cert-hash sha256:ec0bc3eccc099c25651492249cc0bcafb91847176a533576518c8e82ea234f98

4. You get cluster details

kubectl cluster-info

5. Check for node list

kubectl get nodes

6. We need to create image is creating k8s

kubectl create deployment nginx --image=nginx

7. We need to check available deployments images

kubectl get deployment

8. We need to check pods

kubectl get pods

9. We need to check IP address for nodes all

kubectl get svc

10. Image port no change in node image

kubectl expose deployment nginx --type=NodePort --port=80

Refers to https://www.youtube.com/watch?v=bkrcAjclqYI&ab\_channel=Thetips4