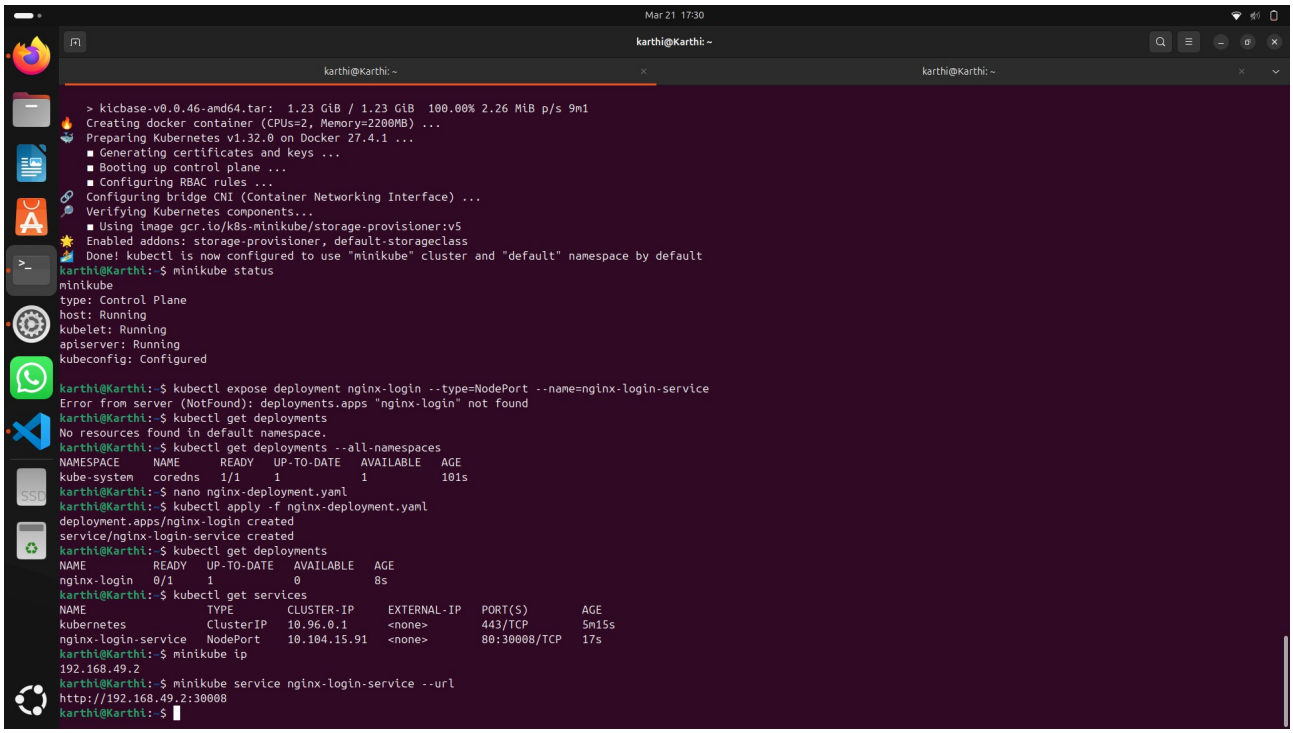
TASK -4


Mar 21 17:30
karthi@Karthi: ~
karthi@Karthi: ~
karthi@Karthi: ~
> kicbase-v0.0.46-amd64.tar: 1.23 GiB / 1.23 GiB 100.00% 2.26 MiB p/s 9m1
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! kubectl is now configured to use "minikube" cluster and "default" namespace by default
karthi@Karthi:~$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
karthi@Karthi:~$ kubectl expose deployment nginx-login --type=NodePort --name=nginx-login-service
Error from server (NotFound): deployments.apps "nginx-login" not found
karthi@Karthi:~$ kubectl get deployments
No resources found in default namespace.
karthi@Karthi:~$ kubectl get deployments --all-namespaces
NAMESPACE NAME READY UP-TO-DATE AVAILABLE AGE
kube-system coredns 1/1 1 1 101s
karthi@Karthi:~$ nano nginx-deployment.yaml
karthi@Karthi:~$ kubectl apply -f nginx-deployment.yaml
deployment.apps/nginx-login created
service/nginx-login-service created
karthi@Karthi:~$ kubectl get deployments
NAME READY UP-TO-DATE AVAILABLE AGE
nginx-login 0/1 1 0 8s
karthi@Karthi:~$ kubectl get services
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 5m15s
nginx-login-service NodePort 10.104.15.91 <none> 80:30008/TCP 17s
karthi@Karthi:~$ minikube ip
192.168.49.2
karthi@Karthi:~$ minikube service nginx-login-service --url
http://192.168.49.2:30008
karthi@Karthi:~$