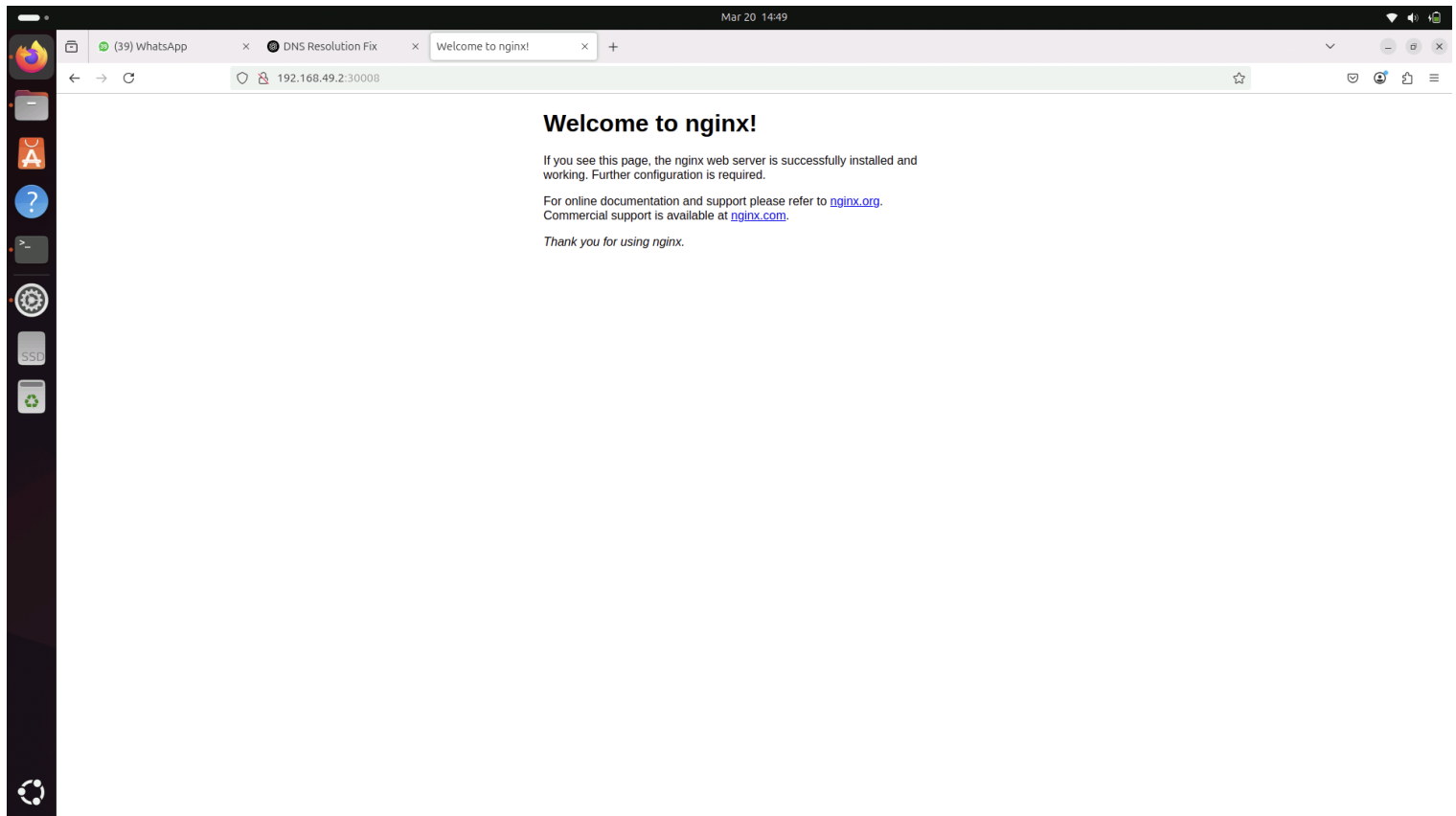


DAY 3-TASK



```
Mar 20 14:49
anjum@anjum-ideaPad-S-15IAL7: ~

command 'sudo' from deb sudo (1.9.14p2-1ubuntu1)
command 'sudo' from deb sudo-ldap (1.9.14p2-1ubuntu1)
command 'udo' from deb udo (6.4.1-7)
See 'snap info <snapname>' for additional versions.
anjum@anjum-IdeaPad-S-15IAL7:~$ sudo nano nginx-deployment.yml
anjum@anjum-IdeaPad-S-15IAL7:~$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login unchanged
service/nginx-login-service unchanged
anjum@anjum-IdeaPad-S-15IAL7:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
nginx-login-b6fd8c4cf-kknt8         1/1     Running   0           8m49s
anjum@anjum-IdeaPad-S-15IAL7:~$ kubectl get svc
NAME      TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)          AGE
kubernetes  ClusterIP   10.96.0.1     <none>         443/TCP          13m
nginx-login-service  NodePort    10.101.60.210 <none>         80:30008/TCP     9m1s
anjum@anjum-IdeaPad-S-15IAL7:~$ kubectl get nodes -o wide
NAME      STATUS    ROLES    AGE   VERSION   INTERNAL-IP   EXTERNAL-IP   OS-IMAGE      KERNEL-VERSION   CONTAINER-RUNTIME
minikube  Ready     control-plane  13m   v1.32.0   192.168.49.2   <none>        Ubuntu 22.04.5 LTS   6.11.0-17-generic   docker://27.4.1
anjum@anjum-IdeaPad-S-15IAL7:~$ curl http://192.168.49.2:30008
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html { color:scheme: light dark; }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>

<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>

<p><em>Thank you for using nginx.</em></p>
</body>
</html>
anjum@anjum-IdeaPad-S-15IAL7:~$ minikube service nginx-login-service --url
http://192.168.49.2:30008
anjum@anjum-IdeaPad-S-15IAL7:~$
```

```
Mar 20 14:49
anjum@anjum-ideaPad-S-15IAL7: ~
anjum@anjum-ideaPad-S-15IAL7:~$ minikube version
minikube version: v1.35.0
commit: dd5d320e41b5451cdf3c01891bc4e13d189586ed-dirty
anjum@anjum-ideaPad-S-15IAL7:~$ minikube start --driver=docker
🐳 minikube v1.35.0 on Ubuntu 24.04
🔧 Using the docker driver based on user configuration
🔧 Using Docker driver with root privileges
👉 Starting "minikube" primary control-plane node in "minikube" cluster
📥 Pulling base image v0.0.46 ...
📥 Downloading Kubernetes v1.32.0 preload ...
> gcr.io/k8s-minikube/kicbase...: 200.75 MiB / 500.31 MiB 40.13% 0 B p/s ^C
anjum@anjum-ideaPad-S-15IAL7:~$ minikube start --driver=docker
🐳 minikube v1.35.0 on Ubuntu 24.04
🔧 Using the docker driver based on user configuration
🔧 Using Docker driver with root privileges
👉 Starting "minikube" primary control-plane node in "minikube" cluster
📥 Pulling base image v0.0.46 ...
📥 Downloading Kubernetes v1.32.0 preload ...
> preloaded-images-k8s-v18-v1...: 333.57 MiB / 333.57 MiB 100.00% 834.49
> index.docker.io/kicbase/sta...: 500.31 MiB / 500.31 MiB 100.00% 296.25
! minikube was unable to download gcr.io/k8s-minikube/kicbase:v0.0.46, but successfully downloaded docker.io/kicbase/stable:v0.0.46@sha256:fd2d445ddcc33ebc5c6b68a17e6219ea207ce63c0850995ea1525296da2d1a279 as a fallback image
🔥 Creating docker container (CPUs=2, Memory=3900MB) ...
❗ Failing to connect to https://registry.k8s.io/ from inside the minikube container
💡 To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/docs/reference/networking/proxy/
🛠 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! kubectrl is now configured to use "minikube" cluster and "default" namespace by default
anjum@anjum-ideaPad-S-15IAL7:~$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured

anjum@anjum-ideaPad-S-15IAL7:~$ Sudo nano nginx-deployment.yml
Command 'Sudo' not found, did you mean:
  command 'ludo' from snap ludo (0.17.1)
  command 'sudo' from deb sudo (1.9.14b2-1ubuntu1)
```