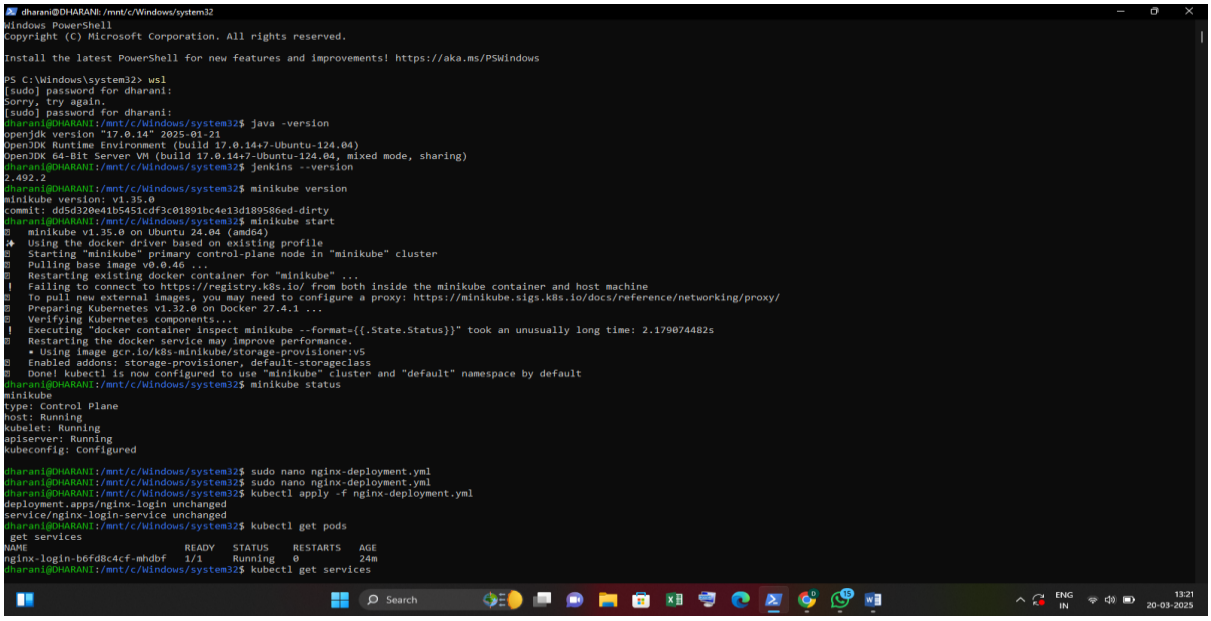
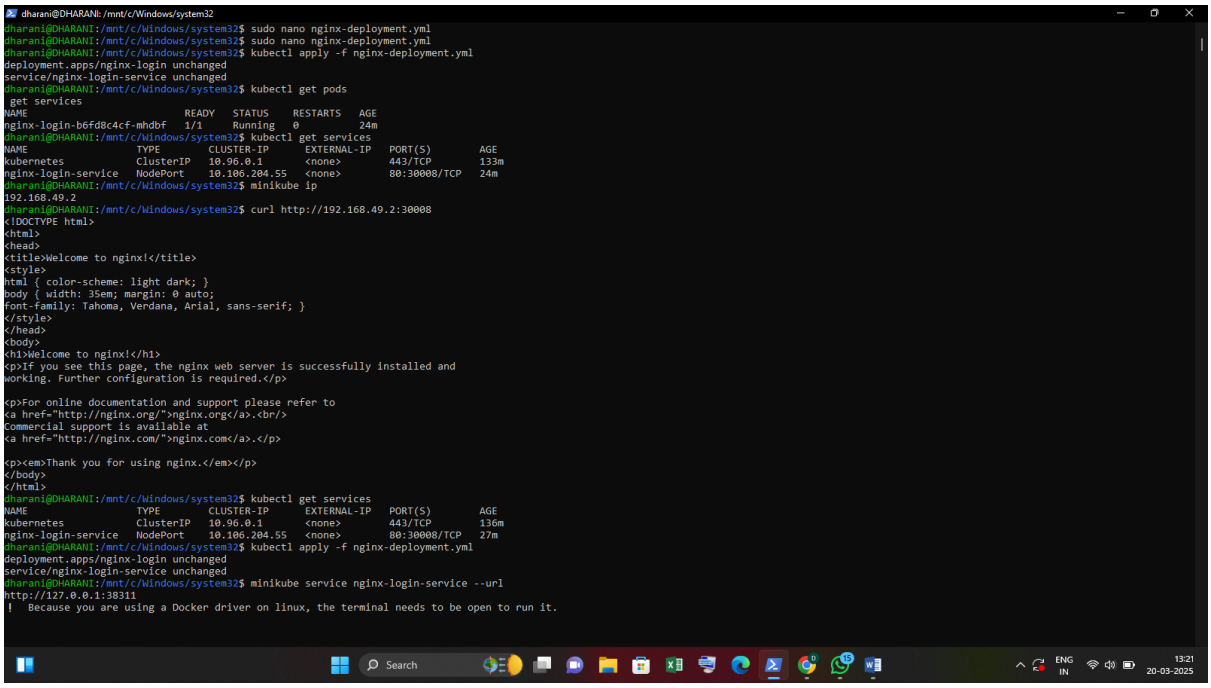
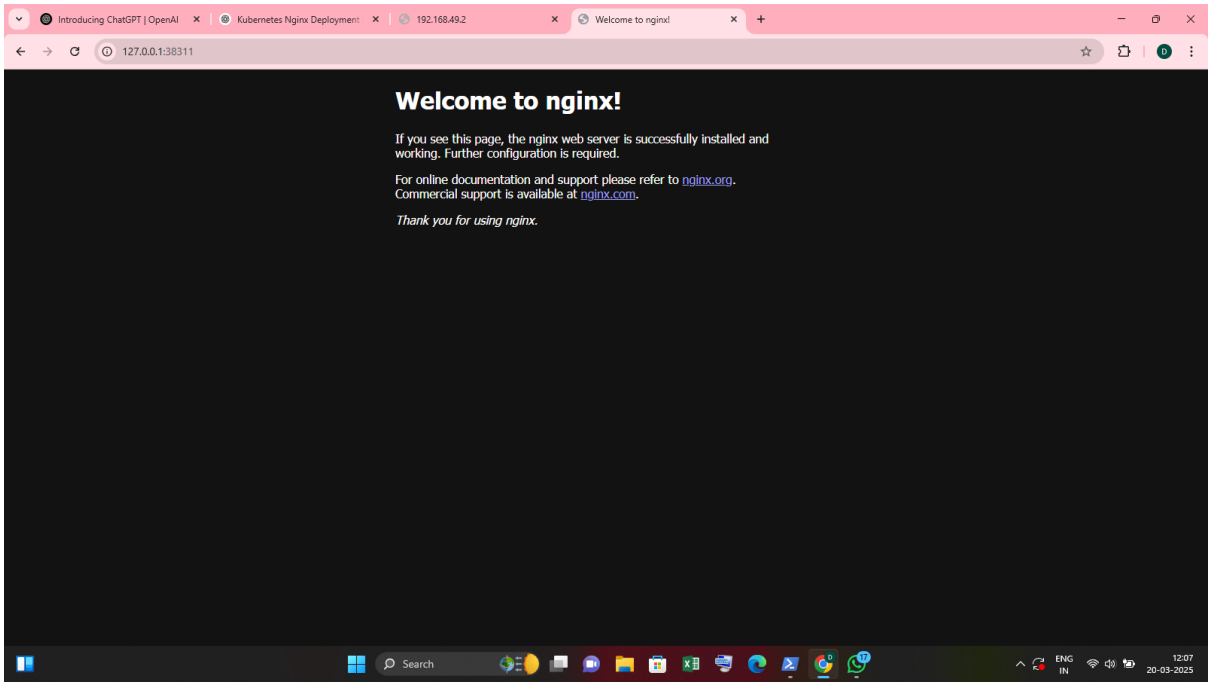

dharani@DHARANI: /mnt/c/Windows/system32
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\Windows\system32> wsl
[sudo] password for dharani:
Sorry, try again.
[sudo] password for dharani:
dharani@DHARANI:/mnt/c/Windows/system32$ java -version
openjdk version "17.0.14" 2025-01-21
OpenJDK Runtime Environment (build 17.0.14+7-Ubuntu-124.04)
OpenJDK 64-Bit Server VM (build 17.0.14+7-Ubuntu-124.04, mixed mode, sharing)
dharani@DHARANI:/mnt/c/Windows/system32$ jenkins --version
2.492.2
dharani@DHARANI:/mnt/c/Windows/system32$ minikube version
minikube version: v1.35.0
commit: dd5d320e41b5451cdf3c01891bc4e13d189586ed-dirty
dharani@DHARANI:/mnt/c/Windows/system32$ minikube start
minikube v1.35.0 on Ubuntu 24.04 (amd64)
Using the docker driver based on existing profile
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
Restarting existing docker container for "minikube" ...
Failing to connect to https://registry.k8s.io/ from both inside the minikube container and host machine
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 ...
Verifying Kubernetes components...
Executing "docker container inspect minikube --format={{.State.Status}}" took an unusually long time: 2.179074482s
Restarting the docker service may improve performance.
• 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
dharani@DHARANI:/mnt/c/Windows/system32$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
dharani@DHARANI:/mnt/c/Windows/system32$ sudo nano nginx-deployment.yml
dharani@DHARANI:/mnt/c/Windows/system32$ sudo nano nginx-deployment.yml
dharani@DHARANI:/mnt/c/Windows/system32$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login unchanged
service/nginx-login-service unchanged
dharani@DHARANI:/mnt/c/Windows/system32$ kubectl get pods
get services
NAME READY STATUS RESTARTS AGE
nginx-login-b6fd8c4cf-mhdbf 1/1 Running 0 24m
dharani@DHARANI:/mnt/c/Windows/system32$ kubectl get services
Search
ENG
IN
13:21
20-03-2025


dharani@DHARANI: /mnt/c/Windows/system32
dharani@DHARANI:/mnt/c/Windows/system32$ sudo nano nginx-deployment.yml
dharani@DHARANI:/mnt/c/Windows/system32$ sudo nano nginx-deployment.yml
dharani@DHARANI:/mnt/c/Windows/system32$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login unchanged
service/nginx-login-service unchanged
dharani@DHARANI:/mnt/c/Windows/system32$ kubectl get pods
get services
NAME READY STATUS RESTARTS AGE
nginx-login-b6fd8c4cf-mhdbf 1/1 Running 0 24m
dharani@DHARANI:/mnt/c/Windows/system32$ kubectl get services
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 133m
nginx-login-service NodePort 10.106.204.55 <none> 80:30008/TCP 24m
dharani@DHARANI:/mnt/c/Windows/system32$ minikube ip
192.168.49.2
dharani@DHARANI:/mnt/c/Windows/system32$ 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>
If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.
For online documentation and support please refer to
nginx.org.
Commercial support is available at
nginx.com.
Thank you for using nginx.
</body>
</html>
dharani@DHARANI:/mnt/c/Windows/system32$ kubectl get services
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 136m
nginx-login-service NodePort 10.106.204.55 <none> 80:30008/TCP 27m
dharani@DHARANI:/mnt/c/Windows/system32$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login unchanged
service/nginx-login-service unchanged
dharani@DHARANI:/mnt/c/Windows/system32$ minikube service nginx-login-service --url
http://127.0.0.1:38311
Because you are using a Docker driver on linux, the terminal needs to be open to run it.
Search
ENG
IN
13:21
20-03-2025


Introducing ChatGPT | OpenAI
Kubernetes Nginx Deployment
192.168.49.2
Welcome to nginx!
127.0.0.1:38311
Welcome to nginx!
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.
Thank you for using nginx.
Search
ENG
IN
12:07
20-03-2025