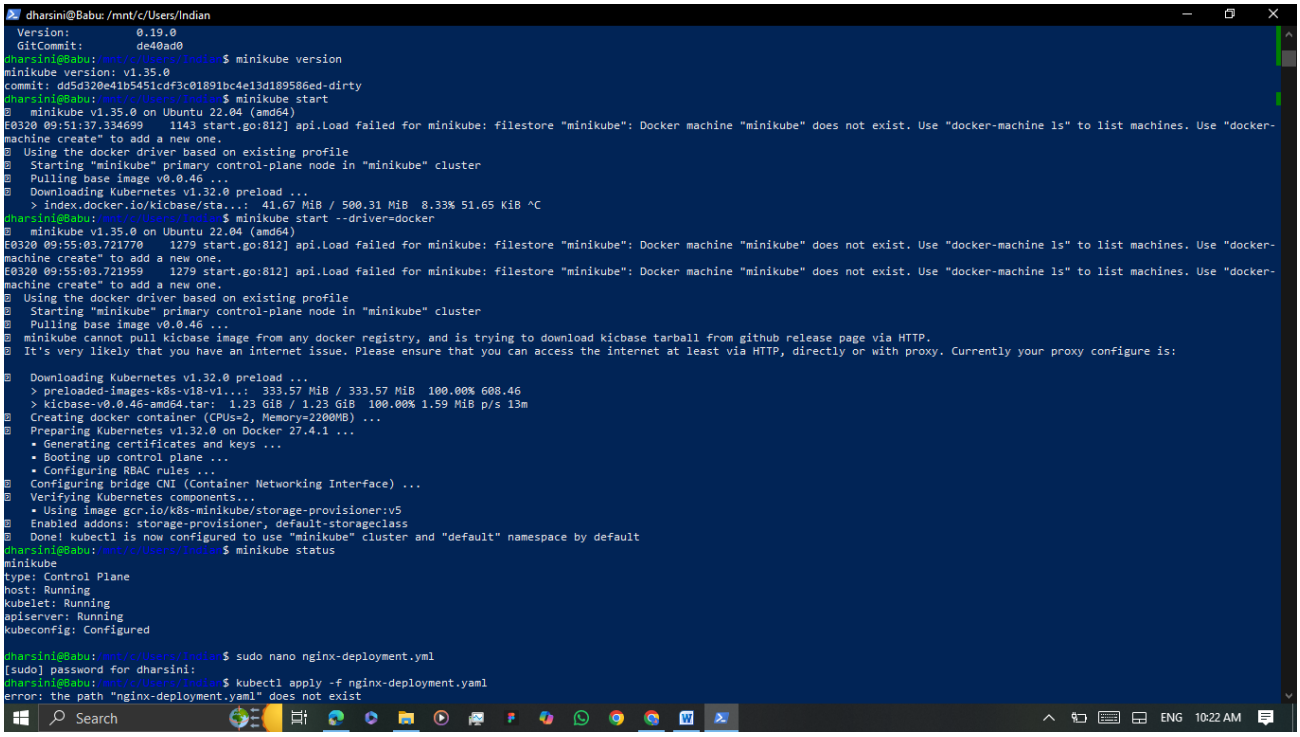
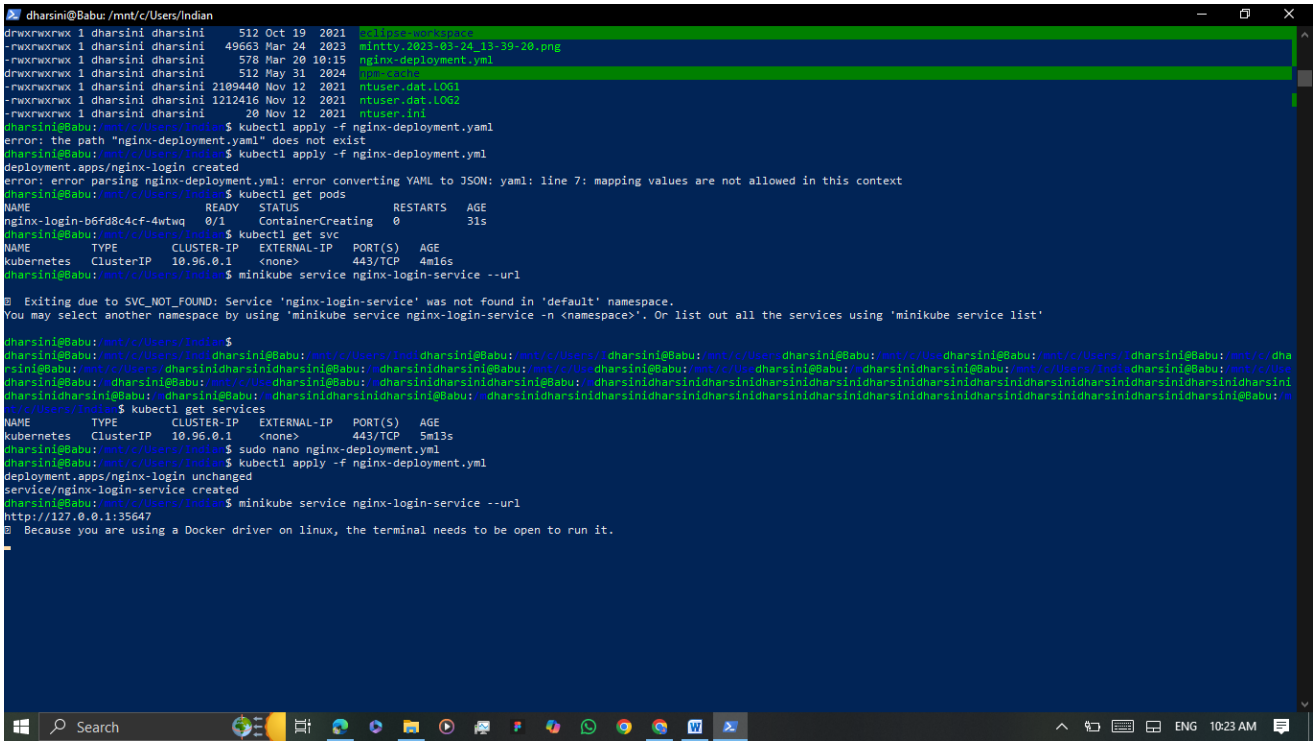
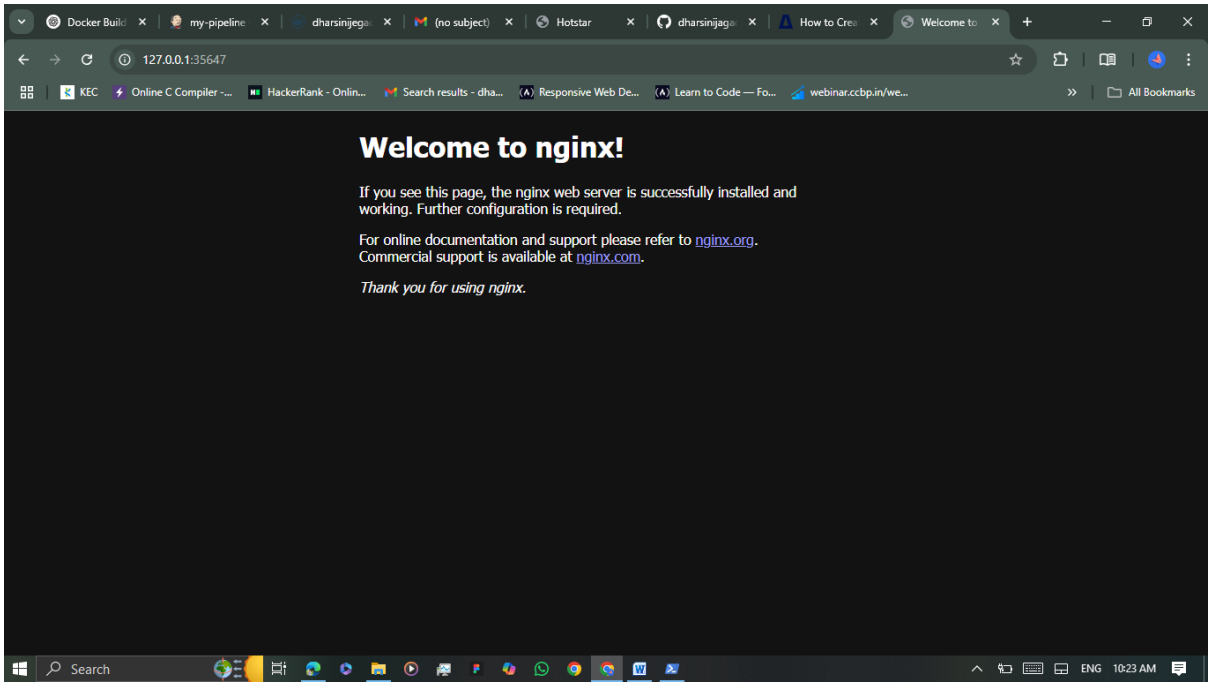
TASK4


dharsini@Babu: /mnt/c/Users/Indian
Version: 0.19.0
GitCommit: de40ad0
dharsini@Babu:/mnt/c/Users/Indian$ minikube version
minikube version: v1.35.0
commit: dd5d320e41b5451cdf3c01891bc4e13d189586ed-dirty
dharsini@Babu:/mnt/c/Users/Indian$ minikube start
minikube v1.35.0 on Ubuntu 22.04 (amd64)
E0320 09:51:37.334699 1143 start.go:812] api.Load failed for minikube: filestore "minikube": Docker machine "minikube" does not exist. Use "docker-machine ls" to list machines. Use "docker-machine create" to add a new one.
Using the docker driver based on existing profile
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
Downloading Kubernetes v1.32.0 preload ...
> index.docker.io/kicbase/sta...: 41.67 MiB / 500.31 MiB 8.33% 51.65 KiB ^C
dharsini@Babu:/mnt/c/Users/Indian$ minikube start --driver=docker
minikube v1.35.0 on Ubuntu 22.04 (amd64)
E0320 09:55:03.721770 1279 start.go:812] api.Load failed for minikube: filestore "minikube": Docker machine "minikube" does not exist. Use "docker-machine ls" to list machines. Use "docker-machine create" to add a new one.
E0320 09:55:03.721959 1279 start.go:812] api.Load failed for minikube: filestore "minikube": Docker machine "minikube" does not exist. Use "docker-machine ls" to list machines. Use "docker-machine create" to add a new one.
Using the docker driver based on existing profile
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
minikube cannot pull kicbase image from any docker registry, and is trying to download kicbase tarball from github release page via HTTP.
It's very likely that you have an internet issue. Please ensure that you can access the internet at least via HTTP, directly or with proxy. Currently your proxy configure is:
Downloading Kubernetes v1.32.0 preload ...
> preloaded-images-k8s-v18-v1...: 333.57 MiB / 333.57 MiB 100.00% 608.46
> kicbase-v0.0.46-amd64.tar: 1.23 GiB / 1.23 GiB 100.00% 1.59 MiB p/s 13m
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
dharsini@Babu:/mnt/c/Users/Indian$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
dharsini@Babu:/mnt/c/Users/Indian$ sudo nano nginx-deployment.yml
[sudo] password for dharsini:
dharsini@Babu:/mnt/c/Users/Indian$ kubectl apply -f nginx-deployment.yaml
error: the path "nginx-deployment.yaml" does not exist
Search
ENG 10:22 AM


dharsini@Babu: /mnt/c/Users/Indian
drwxrwxrwx 1 dharsini dharsini 512 Oct 19 2021 eclipse-workspace
-rwxrwxrwx 1 dharsini dharsini 49663 Mar 24 2023 mintty.2023-03-24_13-39-20.png
-rwxrwxrwx 1 dharsini dharsini 578 Mar 20 10:15 nginx-deployment.yml
drwxrwxrwx 1 dharsini dharsini 512 May 31 2024 npm-cache
-rwxrwxrwx 1 dharsini dharsini 2109440 Nov 12 2021 ntuser.dat.LOG1
-rwxrwxrwx 1 dharsini dharsini 1212416 Nov 12 2021 ntuser.dat.LOG2
-rwxrwxrwx 1 dharsini dharsini 20 Nov 12 2021 ntuser.ini
dharsini@Babu:/mnt/c/Users/Indian$ kubectl apply -f nginx-deployment.yaml
error: the path "nginx-deployment.yaml" does not exist
dharsini@Babu:/mnt/c/Users/Indian$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login created
error: error parsing nginx-deployment.yml: error converting YAML to JSON: yaml: line 7: mapping values are not allowed in this context
dharsini@Babu:/mnt/c/Users/Indian$ kubectl get pods
NAME READY STATUS RESTARTS AGE
nginx-login-b6fd8c4cf-4wtwq 0/1 ContainerCreating 0 31s
dharsini@Babu:/mnt/c/Users/Indian$ kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 4m16s
dharsini@Babu:/mnt/c/Users/Indian$ minikube service nginx-login-service --url
Exiting due to SVC_NOT_FOUND: Service 'nginx-login-service' was not found in 'default' namespace.
You may select another namespace by using 'minikube service nginx-login-service -n <namespace>'. Or list out all the services using 'minikube service list'
dharsini@Babu:/mnt/c/Users/Indian$
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 5m13s
dharsini@Babu:/mnt/c/Users/Indian$ sudo nano nginx-deployment.yml
dharsini@Babu:/mnt/c/Users/Indian$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login unchanged
service/nginx-login-service created
dharsini@Babu:/mnt/c/Users/Indian$ minikube service nginx-login-service --url
http://127.0.0.1:35647
Because you are using a Docker driver on linux, the terminal needs to be open to run it.
Search
ENG 10:23 AM




```
dharsini@Babu:/mnt/c/Users/Indian$ 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>
dharsini@Babu:/mnt/c/Users/Indian$
```