Kubernetes Activity 1

Client-pod.yml file

A screen shot of a computer

Description automatically generated

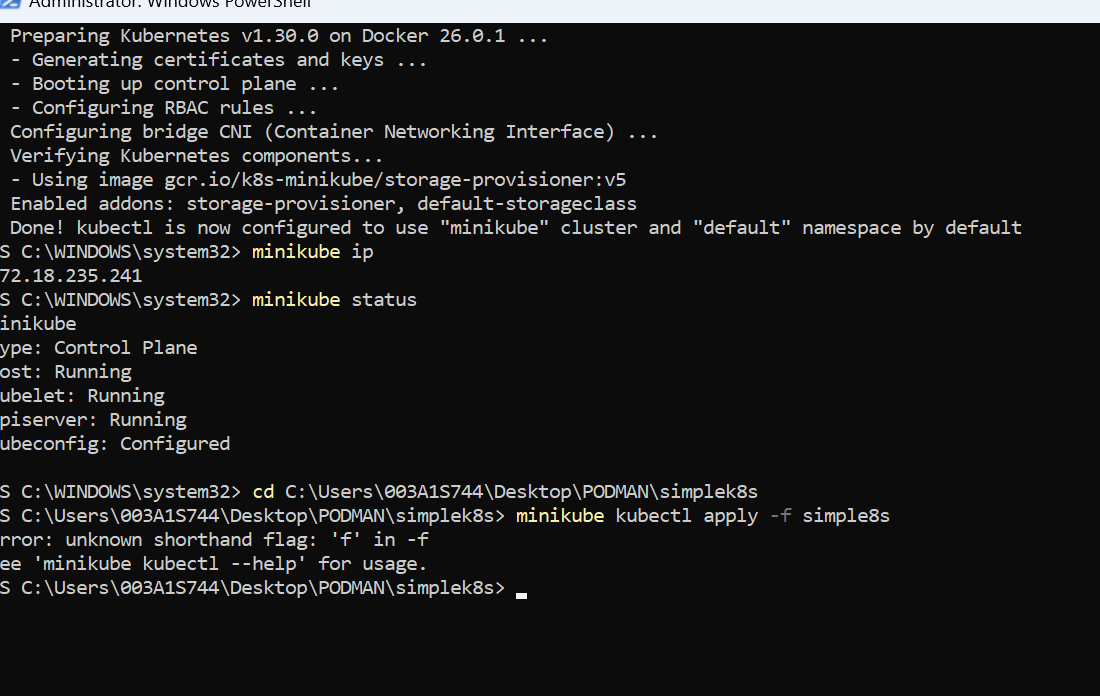
Client-node-port.yml file

A screenshot of a computer

Description automatically generated

Push the image of complex-client to docker hub

Now open the powershell as an administrator and start minikube



A screenshot of a computer program

Description automatically generated

Go to your visual studio and run the below command in the PODMAN folder

--kubectl apply -f simplk8s

Note: We have typed “simplek8s” because we want to upload all the .yml files, if there is a single .yml file the we can give only the file name

A screen shot of a computer code

Description automatically generated

Now check minikube ip

A black background with white text

Description automatically generated

Open the browser and type minikube ip with port number mentioned in the .yml file like this “minikube ip : port”

172.18.235.241:31515

A screenshot of a computer

Description automatically generated

Part-2 of Activity1 :

Take client-pod.yml as backup and add a new .yml file “client-deployment.yml”

A screenshot of a computer

Description automatically generated

Open powershell to create “client-deployment.yml”

A screenshot of a computer

Description automatically generated

Run the below commands to see the deployments “kubectl get deployments”

A screen shot of a computer program

Description automatically generated

Now describe the “client-deployment”

A screenshot of a computer program

Description automatically generated