Command Prompt

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Microsoft Windows [Version 10.0.26100.6899]

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C:\Users\sachi>kubectl version

Client Version: v1.34.1 Kustomize Version: v5.7.1 Server Version: v1.34.1

C:\Users\sachi>



































Command Prompt

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C:\Users\sachi>kubectl version

Client Version: v1.34.1 Kustomize Version: v5.7.1 Server Version: v1.34.1

C:\Users\sachi>kubectl config get-contexts

CURRENT CLUSTER NAME AUTHINFO NAMESPACE

docker-desktop docker-desktop docker-desktop

C:\Users\sachi>kubectl config use-context docker-desktop Switched to context "docker-desktop".

C:\Users\sachi>































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Client Version: v1.34.1 Kustomize Version: v5.7.1 Server Version: v1.34.1

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CURRENT NAME CLUSTER AUTHINFO NAMESPACE

docker-desktop docker-desktop docker-desktop

C:\Users\sachi>kubectl config use-context docker-desktop Switched to context "docker-desktop".

C:\Users\sachi>kubectl config get-clusters

NAME docker-desktop

C:\Users\sachi>





























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CURRENT NAME CLUSTER AUTHINFO NAMESPACE

docker-desktop docker-desktop docker-desktop

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C:\Users\sachi>kubectl config get-clusters NAME docker-desktop

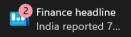
C:\Users\sachi>kubectl cluster-info Kubernetes control plane is running at https://kubernetes.docker.internal:6443 CoreDNS is running at https://kubernetes.docker.internal:6443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.

C:\Users\sachi>kubectl get nodes

NAME STATUS **ROLES** AGE **VERSION** docker-desktop control-plane v1.34.1 Ready 16m

C:\Users\sachi>















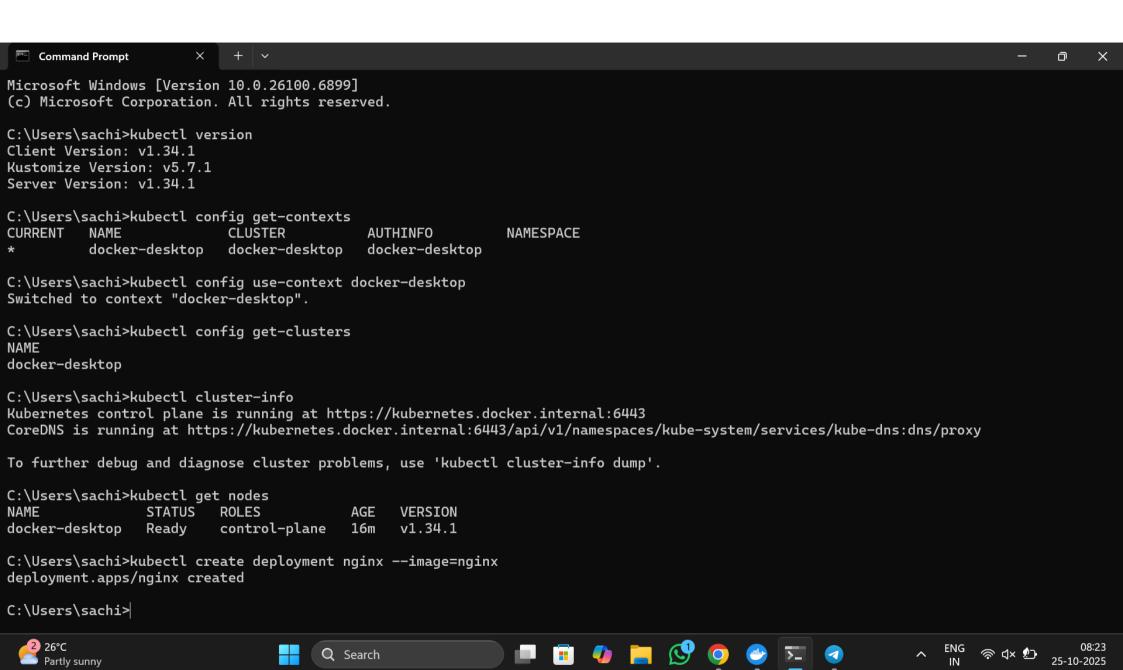


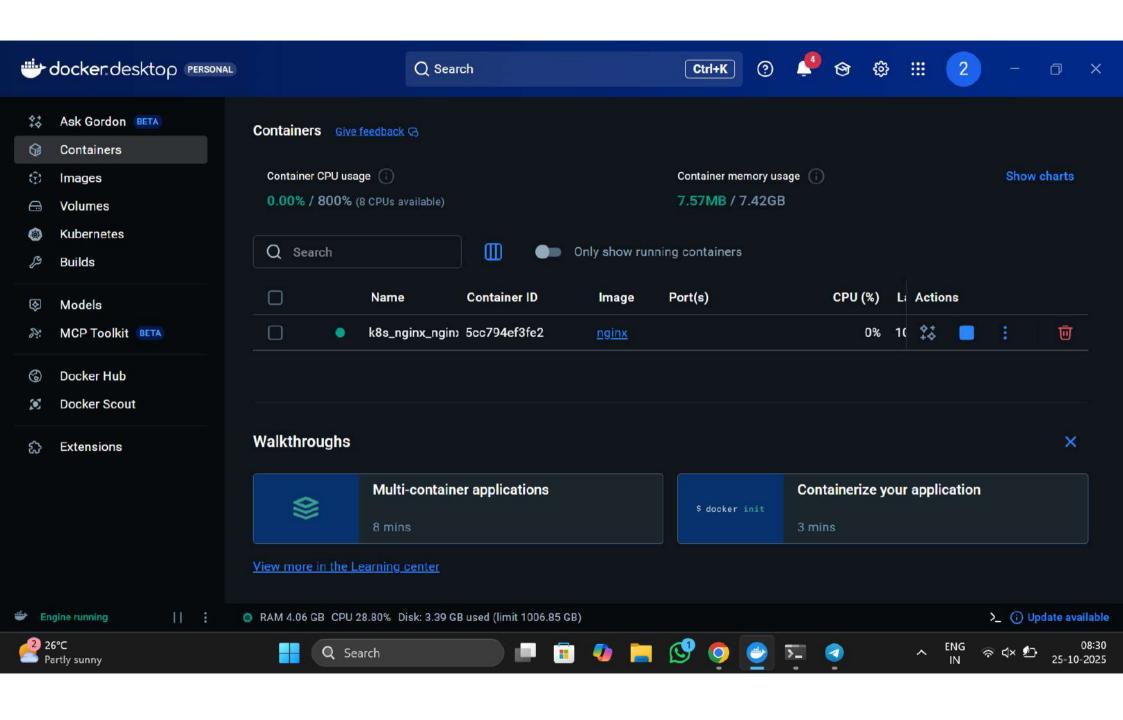


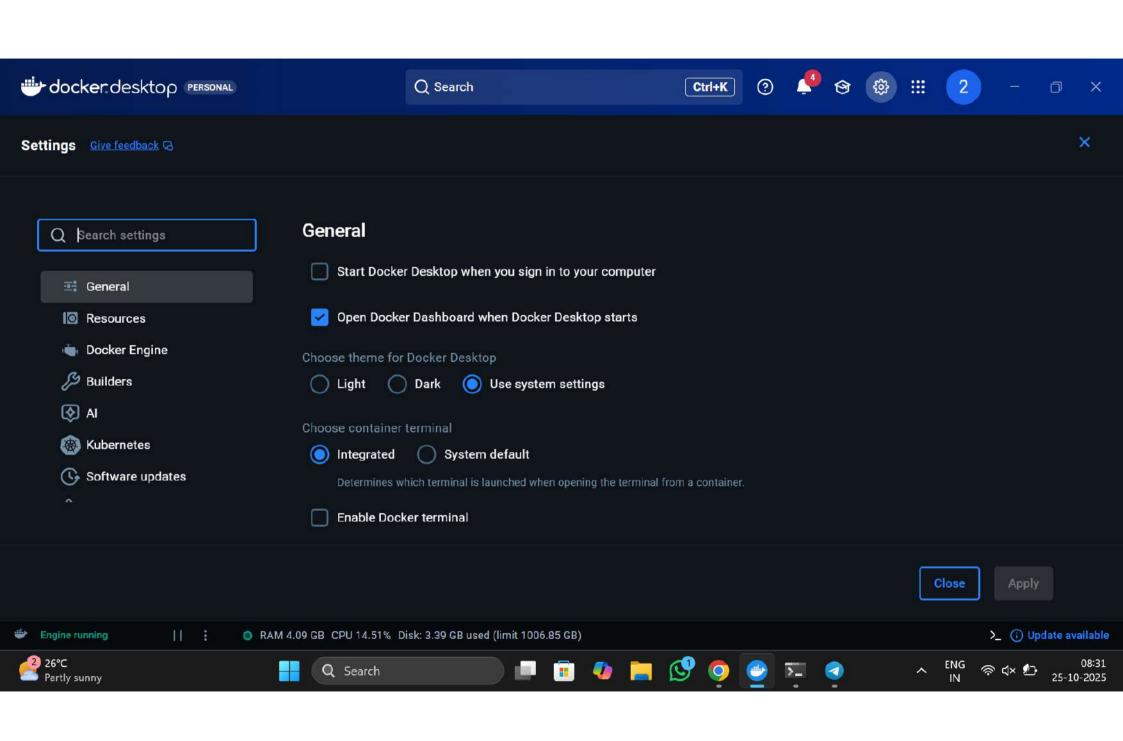


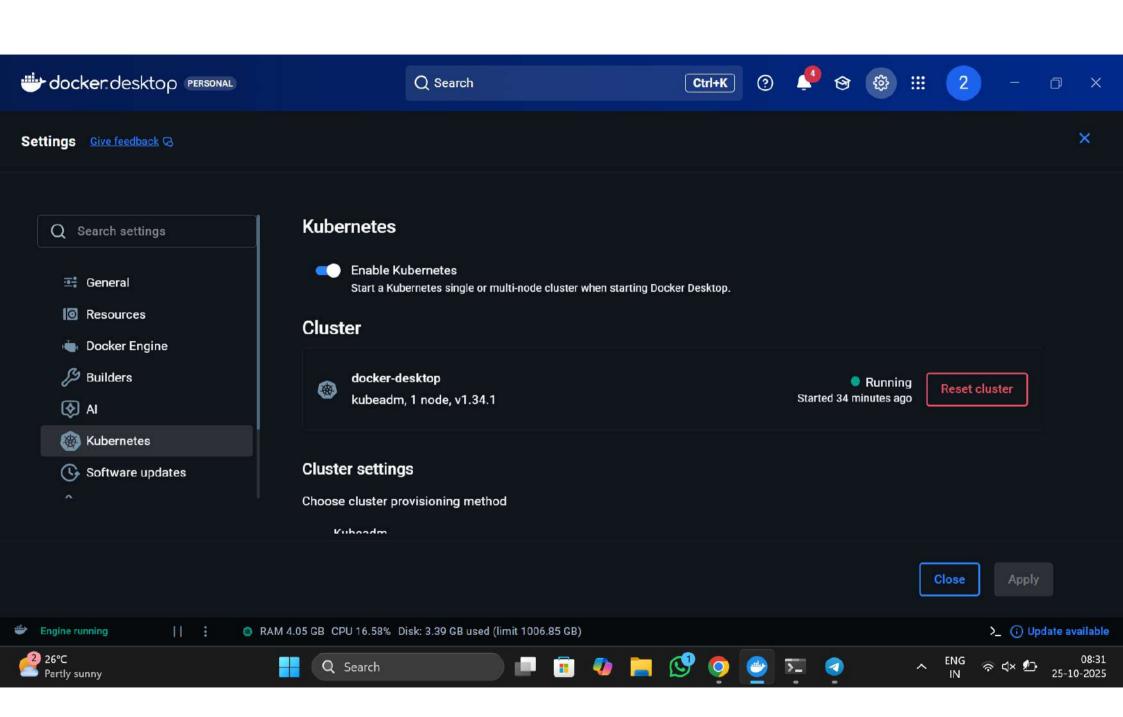


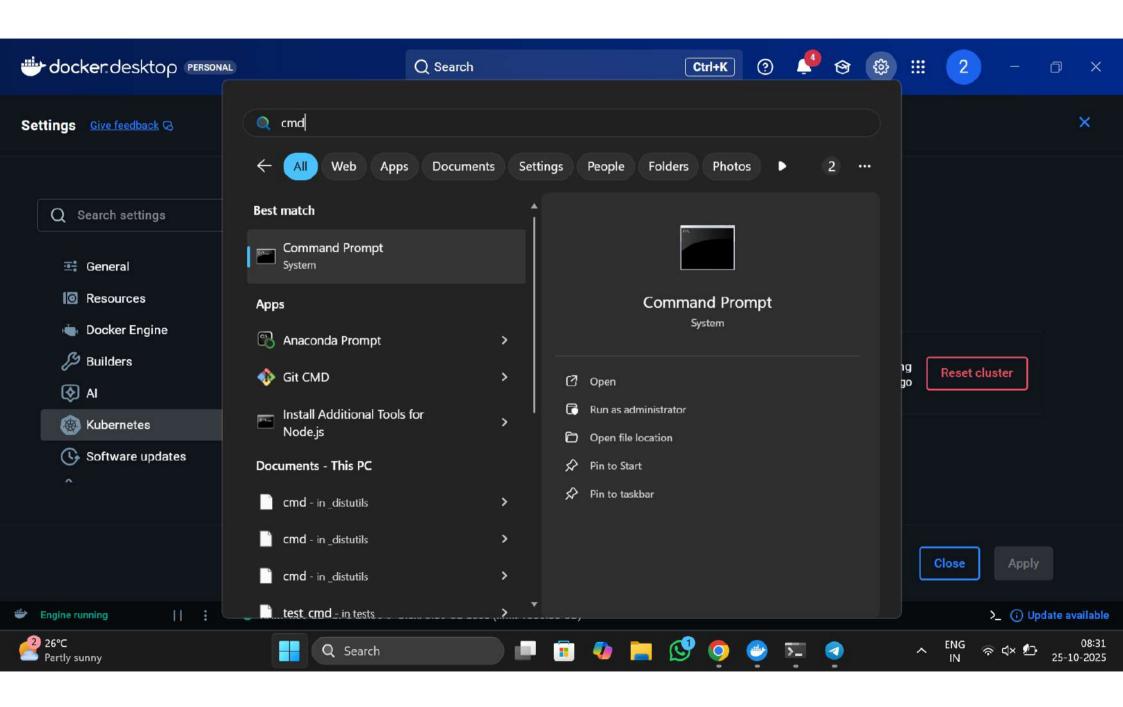


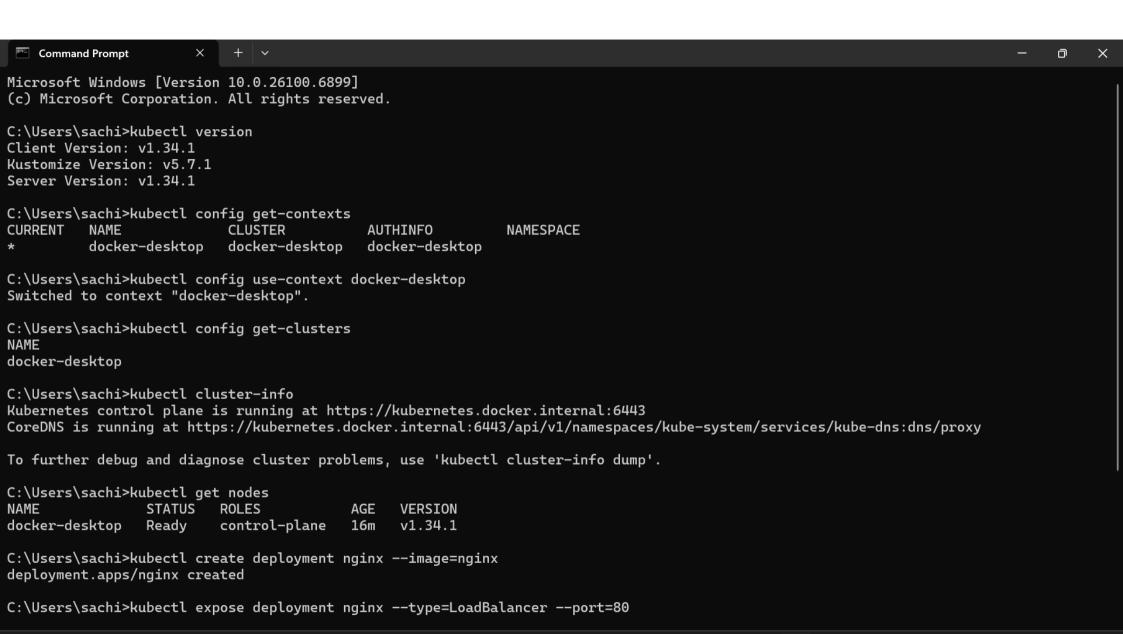










































Command Prompt × C:\Users\sachi>kubectl config use-context docker-desktop Switched to context "docker-desktop". C:\Users\sachi>kubectl config get-clusters NAME docker-desktop C:\Users\sachi>kubectl cluster-info Kubernetes control plane is running at https://kubernetes.docker.internal:6443 CoreDNS is running at https://kubernetes.docker.internal:6443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'. C:\Users\sachi>kubectl get nodes NAME **STATUS** ROLES AGE VERSION docker-desktop Ready control-plane 16m v1.34.1 C:\Users\sachi>kubectl create deployment nginx --image=nginx deployment.apps/nginx created C:\Users\sachi>kubectl expose deployment nginx --type=LoadBalancer --port=80 service/nginx exposed C:\Users\sachi>kubectl get pods NAME **STATUS** AGE READY RESTARTS nginx-66686b6766-tl8s2 7m51s 1/1 Running 0 C:\Users\sachi>kubectl get svc NAME **TYPE** CLUSTER-IP EXTERNAL-IP PORT(S) AGE 443/TCP kubernetes ClusterIP 10.96.0.1 <none> 29m LoadBalancer localhost 80:31746/TCP nginx 10.107.69.147 78s



C:\Users\sachi>





















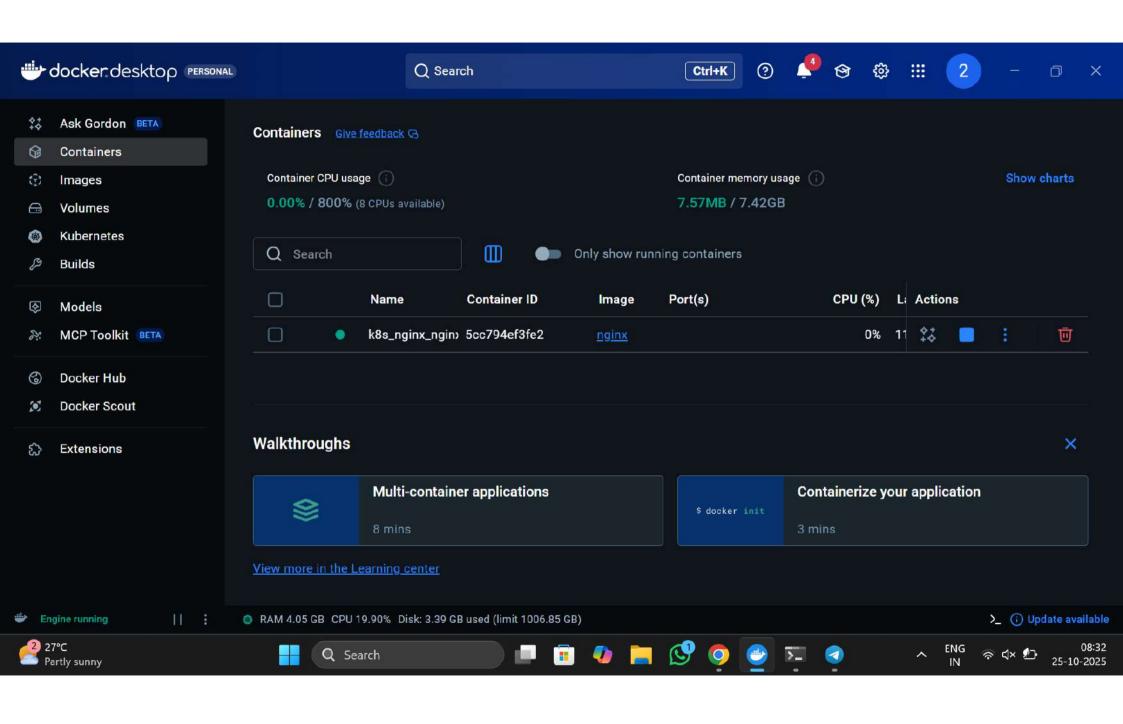








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Kubernetes control plane is running at https://kubernetes.docker.internal:6443 CoreDNS is running at https://kubernetes.docker.internal:6443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.

C:\Users\sachi>kubectl get nodes

NAME STATUS ROLES AGE VERSION docker-desktop Ready control-plane 16m v1.34.1

C:\Users\sachi>kubectl create deployment nginx --image=nginx
deployment.apps/nginx created

C:\Users\sachi>kubectl expose deployment nginx --type=LoadBalancer --port=80
service/nginx exposed

C:\Users\sachi>kubectl get pods

NAME READY STATUS RESTARTS AGE nginx-66686b6766-tl8s2 1/1 Running 0 7m51s

C:\Users\sachi>kubectl get svc

NAME **TYPE** CLUSTER-IP EXTERNAL-IP PORT(S) AGE ClusterIP 10.96.0.1 443/TCP 29m kubernetes <none> nginx LoadBalancer 10.107.69.147 localhost 80:31746/TCP 78s

C:\Users\sachi>kubectl scale deployment nginx --replicas=3
deployment.apps/nginx scaled

C:\Users\sachi>kubectl get svc

PORT(S) NAME TYPE CLUSTER-IP EXTERNAL-IP AGE 443/TCP kubernetes ClusterIP 10.96.0.1 <none> 40m LoadBalancer localhost 80:31746/TCP nginx 10.107.69.147 11m

C:\Users\sachi>

























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