**Course-end Project 1: Deploy the Application Using the Kubernetes Dashboard.**

***Commands used:***

kubectl apply -f <https://raw.githubusercontent.com/kubernetes/dashboard/v2.7.0/aio/deploy/recommended.yaml>

kubectl get pods -n kubernetes-dashboard -o wide

kubectl get deployment -n kubernetes-dashboard -o wide

kubectl get svc -n kubernetes-dashboard -o wide

kubectl edit svc -n kubernetes-dashboard kubernetes-dashboard

kubectl get svc -n kubernetes-dashboard -o wide

kubectl get pods -n kubernetes-dashboard -o wide

kubectl get svc -n kubernetes-dashboard -o wide

kubectl get nodes -o wide

vi sa.yaml

vi cr.yaml

k apply -f sa.yaml

k apply -f cr.yaml

kubectl -n kubernetes-dashboard create token admin-user

kubectl delete -f <https://raw.githubusercontent.com/kubernetes/dashboard/v2.5.0/aio/deploy/recommended.yaml>

***vi sa.yaml***

apiVersion: v1

kind: ServiceAccount

metadata:

name: admin-user

namespace: kubernetes-dashboard

***vi cr.yaml***

apiVersion: rbac.authorization.k8s.io/v1

kind: ClusterRoleBinding

metadata:

name: admin-user

roleRef:

apiGroup: rbac.authorization.k8s.io

kind: ClusterRole

name: cluster-admin

subjects:

- kind: ServiceAccount

name: admin-user

namespace: kubernetes-dashboard