

2300031039 – KEERTI KRISHNA SREENIVAS S-

ANSIBLE OUTPUT: http://127.0.0.1:42953/

IN SEM LAB 2 PRACTICAL EXAMINATION :

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krishna@Keerti-Krishna-Sreenivas-S: /mnt/c/Windows/System32$ minikube status
Microsoft Windows [Version 10.0.26200.7019]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32\wsl -d Ubuntu
krishna@Keerti-Krishna-Sreenivas-S: /mnt/c/Windows/System32$ minikube status
minikube
  type: Control Plane
  host: Running
  kubelet: Stopped
  apiserver: Stopped
  hubconfig: Stopped

krishna@Keerti-Krishna-Sreenivas-S: /mnt/c/Windows/System32$ minikube start --driver=docker --memory=2000 --cpus=2
  minikube v1.37.0 on Ubuntu 24.04 (KVM/amd64)
  Using the docker driver based on existing profile
  Starting "minikube" primary control-plane node in "minikube" cluster
  Pulling base image v0.0.48 ...
  Restarting existing docker container for "minikube" ...
  Preparing Kubernetes components ...
  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
krishna@Keerti-Krishna-Sreenivas-S: /mnt/c/Windows/System32$ kubectl get pods -n quizapp
kubernetes get svc -n quizapp
NAME          READY   STATUS    RESTARTS   AGE
backend-deployment-9697cf56f-cfbog   1/1     Running   2 (34s ago)   45m
backend-deployment-9697cf56f-vhgnq   1/1     Running   2 (34s ago)   45m
frontend-deployment-5bf8007-405jg   1/1     Running   0 (34s ago)   55m
rooted-deployment-9959fb800-570bm   1/1     Running   1 (34s ago)   55m
mysql-584cb9ff7ff-zckfx          1/1     Running   1 (34s ago)   45m
NAME           TYPE        CLUSTER-IP      EXTERNAL-IP      PORT(S)        AGE
backend-service ClusterIP   10.106.144.206   <none>         8080/TCP      65m
frontend-service NodePort    10.107.88.63    <none>         80:32317/TCP   65m
mysql-service   ClusterIP   10.107.40.56    <none>         3306/TCP      59m
krishna@Keerti-Krishna-Sreenivas-S: /mnt/c/Windows/System32$ minikube service frontend-service -n quizapp
NAME            TARGET-PORT   URL
quizapp(frontend-service) 80  http://192.168.49.2:31719
[{"id": 1, "name": "Quiz Builder", "url": "http://192.168.49.2:31719"}, {"id": 2, "name": "Quiz Builder", "url": "http://127.0.0.1:46577"}]
  Starting tunnel for service frontend-service...
  Starting tunnel for service frontend-service...
  Opening service quizapp/frontend-service in default browser...
  http://127.0.0.1:46577
```

