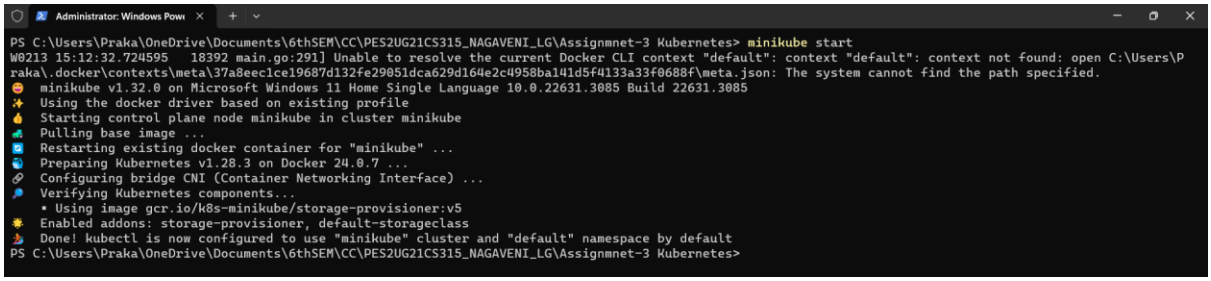
NAME : NAGAVENI L G

SRN : PES2UG21CS315

SEC:6F

1a: Minikube running successfully.



2a: Get nodes, pods, services.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get nodes
NAME       STATUS   ROLES           AGE     VERSION
minikube   Ready    control-plane   4h38m   v1.28.3
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get pod
No resources found in default namespace.
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get services
NAME         TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)   AGE
kubernetes   ClusterIP   10.96.0.1    <none>        443/TCP   2m58s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

2b: Deployment Created (with SRN)

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl create deployment pes2ug21cs315 --image=nginx
deployment.apps/pes2ug21cs315 created
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

2c: Get deployment and pod.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get deployment
NAME           READY   UP-TO-DATE   AVAILABLE   AGE
pes2ug21cs315   1/1     1            1           36s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get pod
NAME                            READY   STATUS    RESTARTS   AGE
pes2ug21cs315-556466cf49-wwwmt   1/1     Running   0          59s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

2d: Editing '-image:nginx'

```
      app: pes2ug21cs315
  spec:
    containers:
    - image: nginx:1.16
      imagePullPolicy: Always
      name: nginx
      resources: {}
      terminationMessagePath: /dev/termination-log
      terminationMessagePolicy: File
    dnsPolicy: ClusterFirst
    restartPolicy: Always
    schedulerName: default-scheduler
    securityContext: {}
```

2e: Showing edited deployment.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl edit deployment pes2ug21cs315
deployment.apps/pes2ug21cs315 edited
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

2f: Deployment rolled back.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>  kubectl rollout undo deployment pes2ug21cs315
deployment.apps/pes2ug21cs315 rolled back
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

2g: Changes after rolling back to original.

```
    app: pes2ug21cs315
spec:
  containers:
  - image: nginx
    imagePullPolicy: Always
    name: nginx
    resources: {}
    terminationMessagePath: /dev/termination-log
    terminationMessagePolicy: File
  dnsPolicy: ClusterFirst
  restartPolicy: Always
  schedulerName: default-scheduler
  securityContext: {}
  terminationGracePeriodSeconds: 30
```

3a: Kubectl logs displayed

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
pes2ug21cs315-556466cf49-z94sz   1/1     Running   0          51s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl logs pes2ug21cs315-556466cf49-z94sz
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2024/02/13 09:59:13 [notice] 1#1: using the "epoll" event method
2024/02/13 09:59:13 [notice] 1#1: nginx/1.25.3
2024/02/13 09:59:13 [notice] 1#1: built by gcc 12.2.0 (Debian 12.2.0-14)
2024/02/13 09:59:13 [notice] 1#1: OS: Linux 5.15.133.1-microsoft-standard-WSL2
2024/02/13 09:59:13 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2024/02/13 09:59:13 [notice] 1#1: start worker processes
2024/02/13 09:59:13 [notice] 1#1: start worker process 29
2024/02/13 09:59:13 [notice] 1#1: start worker process 30
2024/02/13 09:59:13 [notice] 1#1: start worker process 31
2024/02/13 09:59:13 [notice] 1#1: start worker process 32
2024/02/13 09:59:13 [notice] 1#1: start worker process 33
2024/02/13 09:59:13 [notice] 1#1: start worker process 34
2024/02/13 09:59:13 [notice] 1#1: start worker process 35
2024/02/13 09:59:13 [notice] 1#1: start worker process 36
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

3b: Kubectl ‘describe pod’ command – Screenshot of “events” section.

```
Containers:
  nginx:
    Container ID:   docker://4c04d7c17f2549b483fa54aabc1a7be2e493d831c8fe81c4441a818506f5b933
    Image:          nginx
    Image ID:       docker-pullable://nginx@sha256:84c52dfd55c467e12ef85cad6a252c0990564f03c4850799bf41dd738738691f
    Port:           <none>
    Host Port:      <none>
    State:          Running
      Started:      Tue, 13 Feb 2024 15:29:13 +0530
    Ready:          True
    Restart Count:  0
    Environment:    <none>
    Mounts:
      /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-h7st6 (ro)
Conditions:
  Type              Status
  Initialized       True
  Ready             True
  ContainersReady   True
  PodScheduled      True
Volumes:
  kube-api-access-h7st6:
    Type:                    Projected (a volume that contains injected data from multiple sources)
    TokenExpirationSeconds:  3607
    ConfigMapName:           kube-root-ca.crt
    ConfigMapOptional:       <nil>
    DownwardAPI:             true
QoS Class:                   BestEffort
Node-Selectors:              <none>
Tolerations:                 node.kubernetes.io/not-ready:NoExecute op=Exists for 300s
                             node.kubernetes.io/unreachable:NoExecute op=Exists for 300s
Events:
  Type    Reason     Age   From               Message
  ----    ------     ----  ----               -------
  Normal  Scheduled  2m3s  default-scheduler  Successfully assigned default/pes2ug21cs315-556466cf49-z94sz to minikube
  Normal  Pulling    2m3s  kubelet            Pulling image "nginx"
  Normal  Pulled     106s  kubelet            Successfully pulled image "nginx" in 16.577s (16.577s including waiting)
  Normal  Created    106s  kubelet            Created container nginx
  Normal  Started    106s  kubelet            Started container nginx
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

3c: Creating mongo deployment

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl create deployment pes2ug21cs315-mongo --image=mongo
deployment.apps/pes2ug21cs315-mongo created
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

3d: Deleting both requirements

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl delete deployment pes2ug21cs315
deployment.apps "pes2ug21cs315" deleted
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl delete deployment pes2ug21cs315-mongo
deployment.apps "pes2ug21cs315-mongo" deleted
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

4a: Kubectl apply command on yaml file.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> . kubectl apply -f nginx-deployment.yaml
deployment.apps/nginx-deployment-pes2ug21cs315 created
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get pod
NAME                                          READY   STATUS              RESTARTS   AGE
nginx-deployment-pes2ug21cs315-67856bc4f5-8lvz9   0/1     ContainerCreating   0          16s
nginx-deployment-pes2ug21cs315-67856bc4f5-w2r2z   0/1     ContainerCreating   0          16s
pes2ug21cs315-mongo-779886bb78-gfhw7          0/1     Terminating         0          4m26s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get deployment
NAME                          READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment-pes2ug21cs315   0/2     2            0           48s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get replicaset
NAME                                    DESIRED   CURRENT   READY   AGE
nginx-deployment-pes2ug21cs315-67856bc4f5   2         2         0       65s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

4b: after changing the replicas to 3 in the file and run the command again.

Kubectl get on yaml file.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl apply -f nginx-deployment.yaml
deployment.apps/nginx-deployment-pes2ug21cs315 configured
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get pod
NAME                                          READY   STATUS              RESTARTS   AGE
nginx-deployment-pes2ug21cs315-67856bc4f5-6vf7m   0/1     ContainerCreating   0          15s
nginx-deployment-pes2ug21cs315-67856bc4f5-8lvz9   0/1     ContainerCreating   0          3m
nginx-deployment-pes2ug21cs315-67856bc4f5-w2r2z   0/1     ContainerCreating   0          3m
pes2ug21cs315-mongo-779886bb78-gfhw7          0/1     Terminating         0          7m10s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get deployment
NAME                          READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment-pes2ug21cs315   0/3     3            0           3m14s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get replicaset
NAME                                    DESIRED   CURRENT   READY   AGE
nginx-deployment-pes2ug21cs315-67856bc4f5   3         3         0       3m18s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

```
status:
  availableReplicas: 3
  conditions:
  - lastTransitionTime: "2024-02-13T10:18:43Z"
    lastUpdateTime: "2024-02-13T10:18:43Z"
    message: Deployment has minimum availability.
    reason: MinimumReplicasAvailable
    status: "True"
    type: Available
  - lastTransitionTime: "2024-02-13T10:06:30Z"
    lastUpdateTime: "2024-02-13T10:18:43Z"
    message: ReplicaSet "nginx-deployment-pes2ug21cs315-67856bc4f5" has successfully
      progressed.
    reason: NewReplicaSetAvailable
    status: "True"
    type: Progressing
  observedGeneration: 2
  readyReplicas: 3
  replicas: 3
  updatedReplicas: 3
```

5a: Delete pod.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get pod
NAME                                          READY   STATUS    RESTARTS   AGE
nginx-deployment-pes2ug21cs315-67856bc4f5-6vf7m   1/1     Running   0          179m
nginx-deployment-pes2ug21cs315-67856bc4f5-8lvz9   1/1     Running   0          3h2m
nginx-deployment-pes2ug21cs315-67856bc4f5-w2r2z   1/1     Running   0          3h2m
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl delete pod nginx-deployment-pes2ug21cs315-67856bc4
f5-6vf7m
pod "nginx-deployment-pes2ug21cs315-67856bc4f5-6vf7m" deleted
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get pod
NAME                                          READY   STATUS    RESTARTS   AGE
nginx-deployment-pes2ug21cs315-67856bc4f5-8lvz9   1/1     Running   0          3h4m
nginx-deployment-pes2ug21cs315-67856bc4f5-8wbgc   1/1     Running   0          6s
nginx-deployment-pes2ug21cs315-67856bc4f5-w2r2z   1/1     Running   0          3h4m
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

6a: Kubectl apply and get command.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>  kubectl apply -f nginx-service.yaml
service/nginx-service-pes2ug21cs315 created
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernete> kubectl get service
NAME                        TYPE        CLUSTER-IP     EXTERNAL-IP   PORT(S)    AGE
kubernetes                  ClusterIP   10.96.0.1      <none>        443/TCP    3h22m
nginx-service-pes2ug21cs315   ClusterIP   10.99.67.156   <none>        8080/TCP   22s
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>kubectl describe service nginx-service
Name:              nginx-service-pes2ug21cs315
Namespace:         default
Labels:            <none>
Annotations:       <none>
Selector:          app=nginx
Type:              ClusterIP
IP Family Policy:  SingleStack
IP Families:       IPv4
IP:                10.99.67.156
IPs:               10.99.67.156
Port:              <unset>  8080/TCP
TargetPort:        80/TCP
Endpoints:         10.244.0.14:80,10.244.0.15:80,10.244.0.17:80
Session Affinity:  None
Events:
  Type     Reason                       Age   From                     Message
  ----     ------                       ----  ----                     -------
  Warning  FailedToUpdateEndpointSlices  39s   endpoint-slice-controller  Error updating Endpoint Slices for Service default/nginx-service-pes2ug21cs315: fa
iled to create EndpointSlice for Service default/nginx-service-pes2ug21cs315: Unauthorized

PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

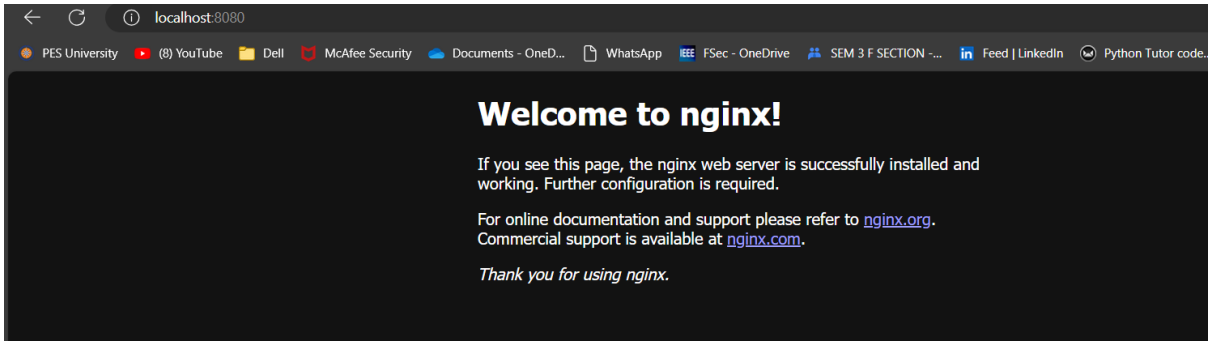
6b: kubectl get pod -o wide command.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernete> kubectl get pod -o wide
NAME                                          READY   STATUS    RESTARTS   AGE     IP            NODE       NOMINATED NODE   READINESS GATES
nginx-deployment-pes2ug21cs315-67856bc4f5-8lvz9   1/1     Running   0          3h7m    10.244.0.15   minikube   <none>           <none>
nginx-deployment-pes2ug21cs315-67856bc4f5-8wbgc   1/1     Running   0          3m45s   10.244.0.17   minikube   <none>           <none>
nginx-deployment-pes2ug21cs315-67856bc4f5-w2r2z   1/1     Running   0          3h7m    10.244.0.14   minikube   <none>           <none>
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

7a: Kubectl port-forward command .

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl port-forward service/nginx-service-pes2ug21cs315 8
080:8080
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
Handling connection for 8080
Handling connection for 8080
```

7b: Display welcome to nginx on web page.



8a: Delete nginx deployments

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl delete deployment nginx-deployment-pes2ug21cs315
deployment.apps "nginx-deployment-pes2ug21cs315" deleted
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl delete service nginx-service-pes2ug21cs315
service "nginx-service-pes2ug21cs315" deleted
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

8b: Minikube stop – Do this after the 9th Task.

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> minikube stop
W0213 19:47:18.664344    7812 main.go:291] Unable to resolve the current Docker CLI context "default": context "default": context not found: open C:\Users\P
raka\.docker\contexts\meta\37a8eec1ce19687d132fe29051dca629d164e2c4958ba141d5f4133a33f0688f\meta.json: The system cannot find the path specified.
✋  Stopping node "minikube"  ...
🛑  Powering off "minikube" via SSH ...
🛑  1 node stopped.
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes>
```

9th task

9a. The command which exposes specifies the type of service (NodePort/LoadBalancer)

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl create deployment nginx-pes2ug21cs315 --image=ngin
x
deployment.apps/nginx-pes2ug21cs315 created
```

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl expose deployment nginx-pes2ug21cs315 --type=NodeP
ort --port=80
service/nginx-pes2ug21cs315 exposed
```

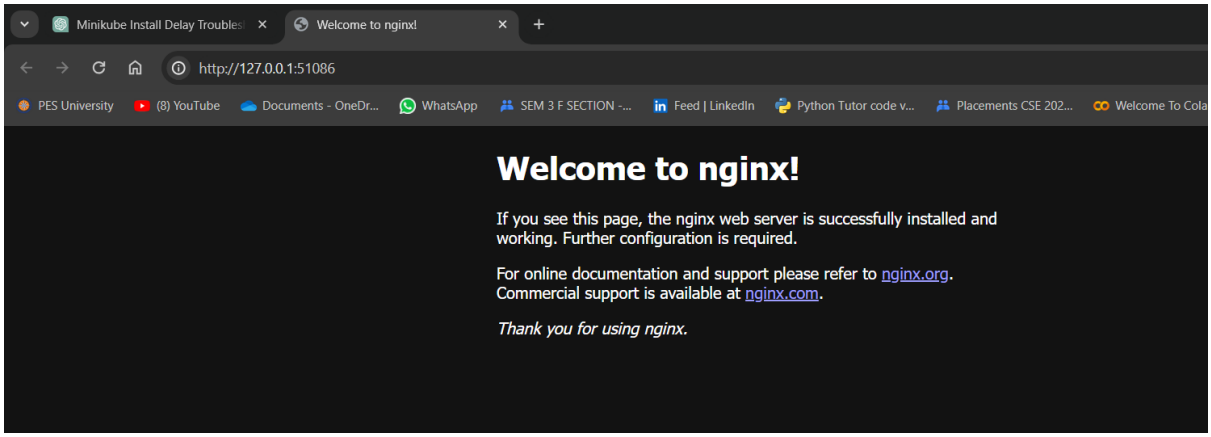
9b.kubectl get service command which displays the node port

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> kubectl get service nginx-pes2ug21cs315
NAME                  TYPE       CLUSTER-IP     EXTERNAL-IP   PORT(S)        AGE
nginx-pes2ug21cs315   NodePort   10.96.12.221   <none>        80:31711/TCP   22s
```

9c: minikube IP address

```
PS C:\Users\Praka\OneDrive\Documents\6thSEM\CC\PES2UG21CS315_NAGAVENI_LG\Assignmnet-3 Kubernetes> minikube service nginx-pes2ug21cs315 ip
W0213 19:37:10.912143   20588 main.go:291] Unable to resolve the current Docker CLI context "default": context "default": context not found: open C:\Users\P
raka\.docker\contexts\meta\37a8eec1ce19687d132fe29051dca629d164e2c4958ba141d5f4133a33f0688f\meta.json: The system cannot find the path specified.
|-----------|----------------------|-------------|-------------------------|
| NAMESPACE |         NAME         | TARGET PORT |           URL           |
|-----------|----------------------|-------------|-------------------------|
| default   | nginx-pes2ug21cs315 |          80 | http://192.168.49.2:31711 |
|-----------|----------------------|-------------|-------------------------|
🏃  Starting tunnel for service nginx-pes2ug21cs315.
|-----------|----------------------|-------------|------------------------|
| NAMESPACE |         NAME         | TARGET PORT |          URL           |
|-----------|----------------------|-------------|------------------------|
| default   | nginx-pes2ug21cs315 |             | http://127.0.0.1:51086 |
|-----------|----------------------|-------------|------------------------|
🎉  Opening service default/nginx-pes2ug21cs315 in default browser...
❗  Because you are using a Docker driver on windows, the terminal needs to be open to run it.
```

9d: the webpage with the IP Address visible.


Minikube Install Delay Troubles
Welcome to nginx!
http://127.0.0.1:51086
PES University
(8) YouTube
Documents - OneDr...
WhatsApp
SEM 3 F SECTION -...
Feed | LinkedIn
Python Tutor code v...
Placements CSE 202...
Welcome To Cola
Welcome to nginx!
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.
Thank you for using nginx.