

---Task -

A Kubernetes worker node, named wk8s-node-0 is in state NotReady.

Investigate why this is the case

perform any appropriate steps to bring the node to a Ready state,

#ensuring that any changes are made permanent.

```
]$ vim pod.yml  
1$
```

```
apiVersion: v1  
kind: Pod  
metadata:  
  name: mytest  
spec:  
  containers:  
    - name: nginx  
      image: nginx  
      volumeMounts:  
        - name: logs  
          mountPath: /var/log/nginx  
  
    - name: log-reader  
      image: busybox  
      command: ["sh", "-c", "tail -f /var/log/nginx/access.log"]  
      volumeMounts:  
        - name: logs  
          mountPath: /var/log/nginx  
  
  volumes:  
    - name: logs  
      emptyDir: {}  
"
```

```
[fouad2@client ~]$  
[fouad2@client ~]$ kubectl apply -f pod.yml  
pod/mytest created
```

```
[fouad2@client ~]$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
mynginx       1/1     Running   0           121m
mytest        2/2     Running   0           35s
[fouad2@client ~]$ d
```

```
[fouad2@client ~]$ kubectl port-forward pod/mytest 8080:80
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
```

```
[fouad2@client ~]$
[fouad2@client ~]$ kubectl logs -f mytest -c log-reader
127.0.0.1 - - [21/Sep/2025:12:12:27 +0000] "GET / HTTP/1.1" 200 615 "-" "curl/7.76.1" "-"
127.0.0.1 - - [21/Sep/2025:12:13:36 +0000] "GET / HTTP/1.1" 200 615 "-" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0" "-"
127.0.0.1 - - [21/Sep/2025:12:13:36 +0000] "GET /favicon.ico HTTP/1.1" 404 153 "http://localhost:8080/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0" "-"
127.0.0.1 - - [21/Sep/2025:12:13:56 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0" "-"
```

