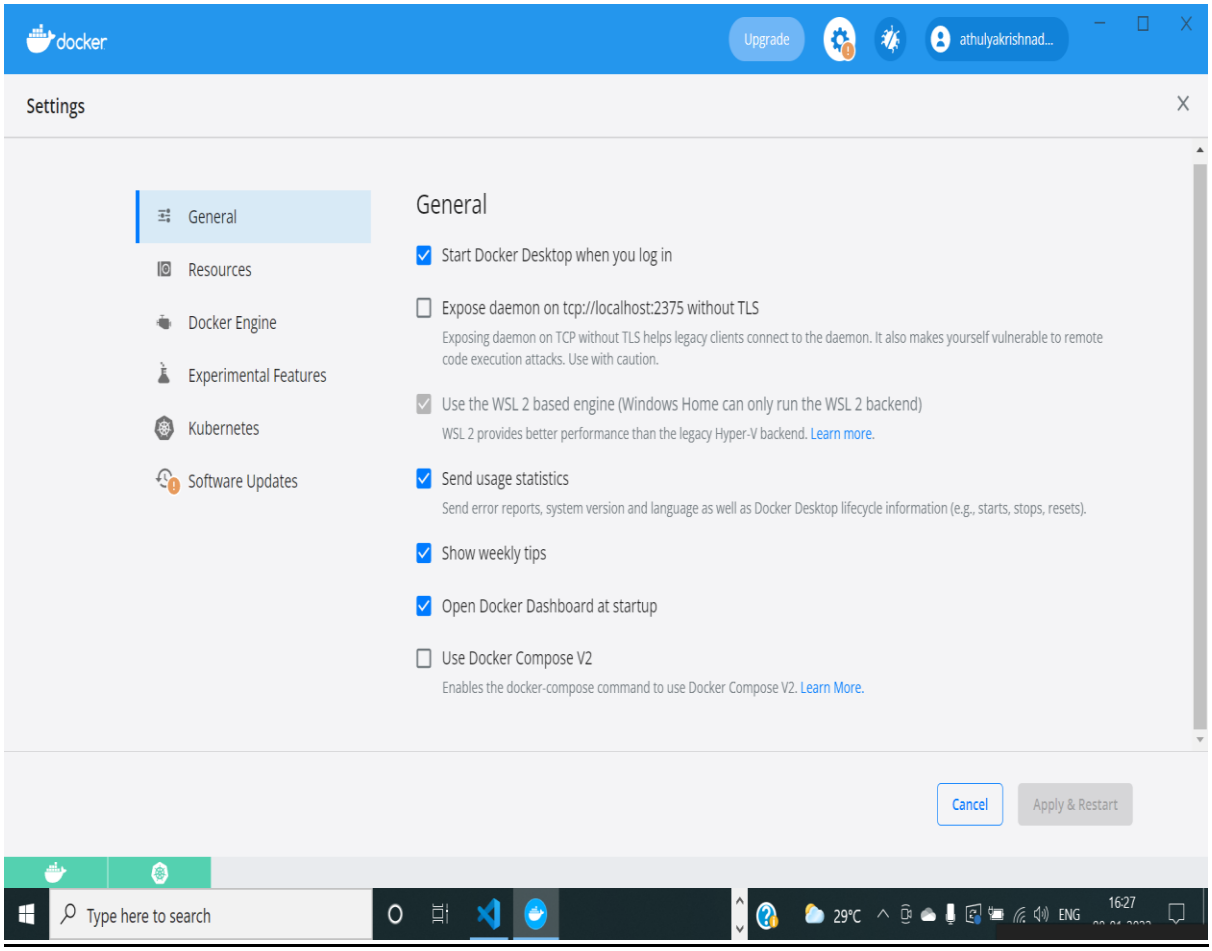
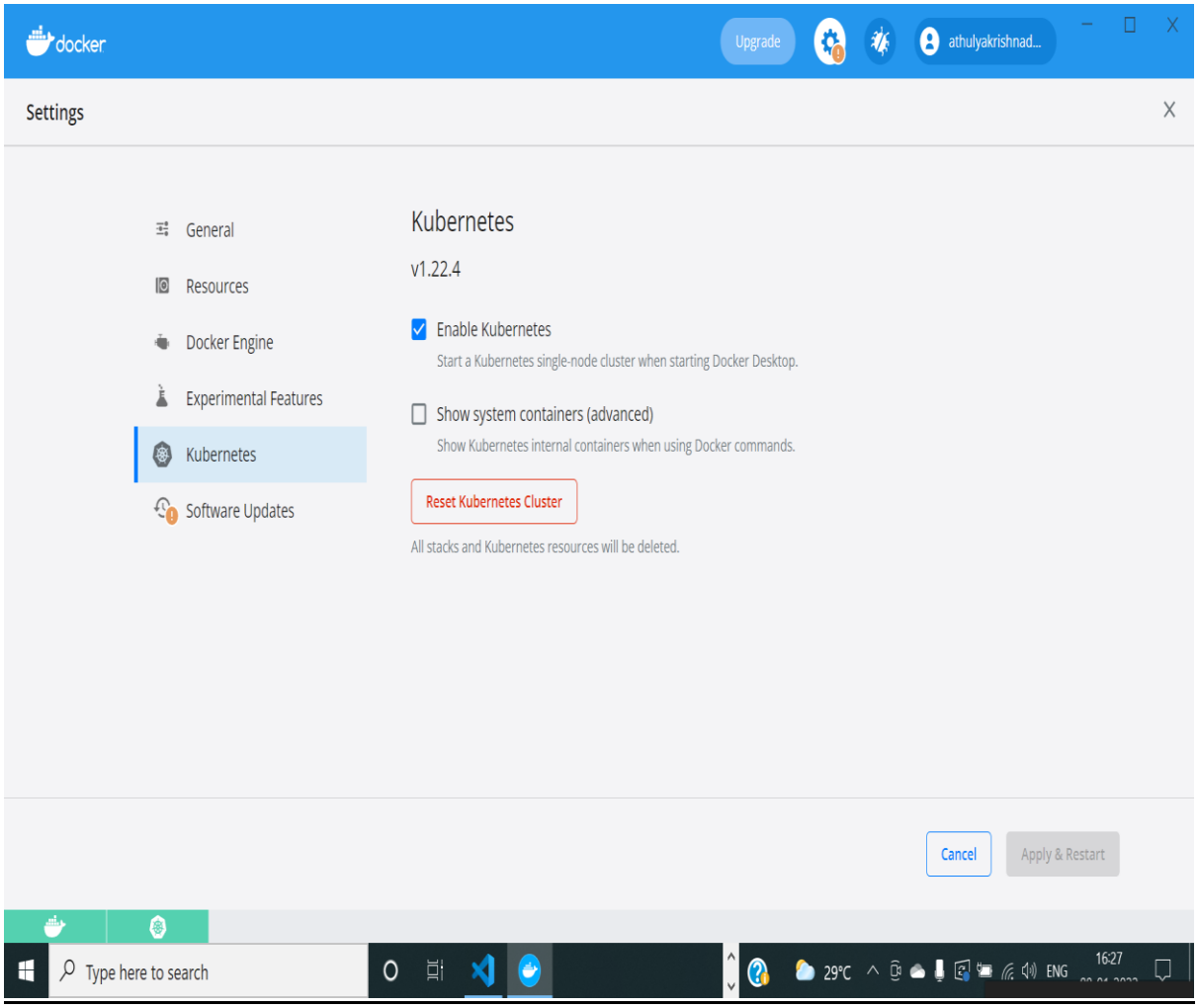
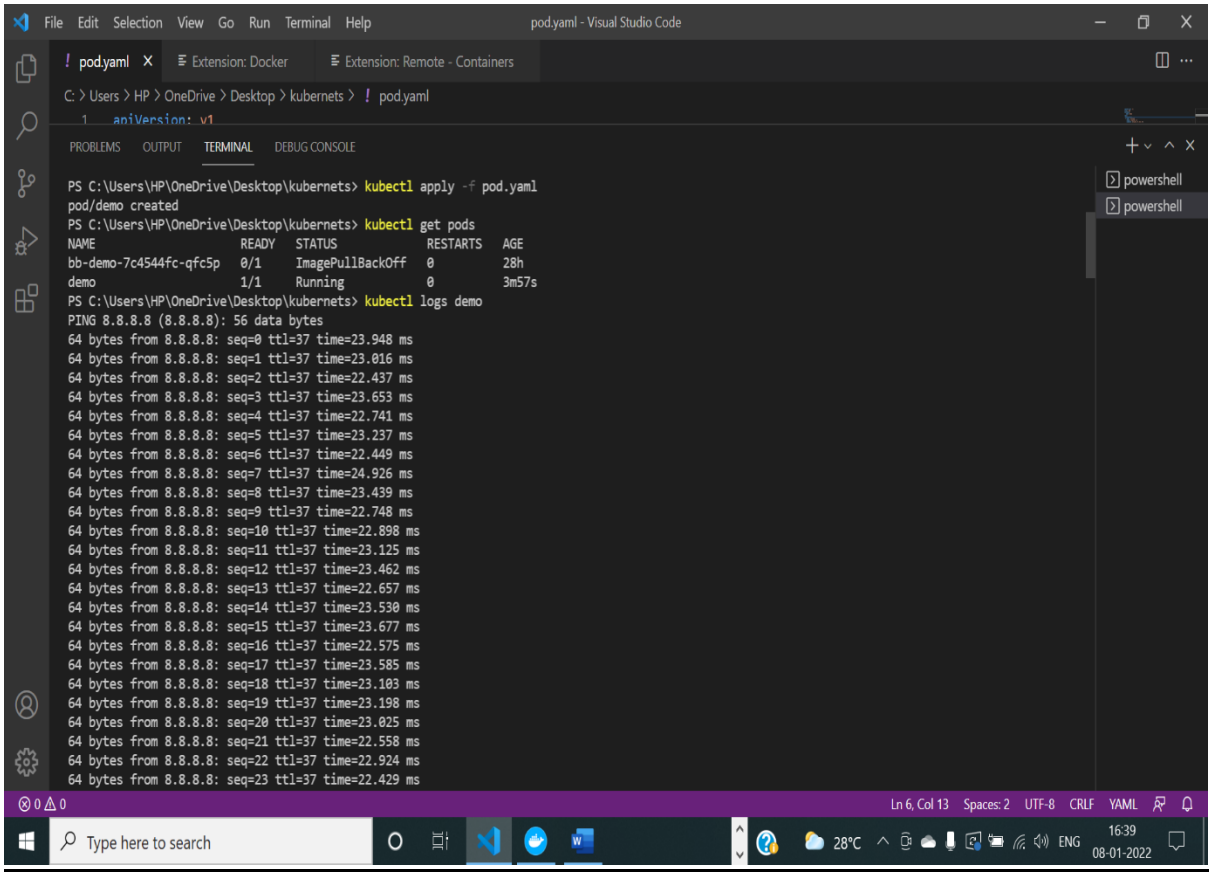
Enable Kubernetes



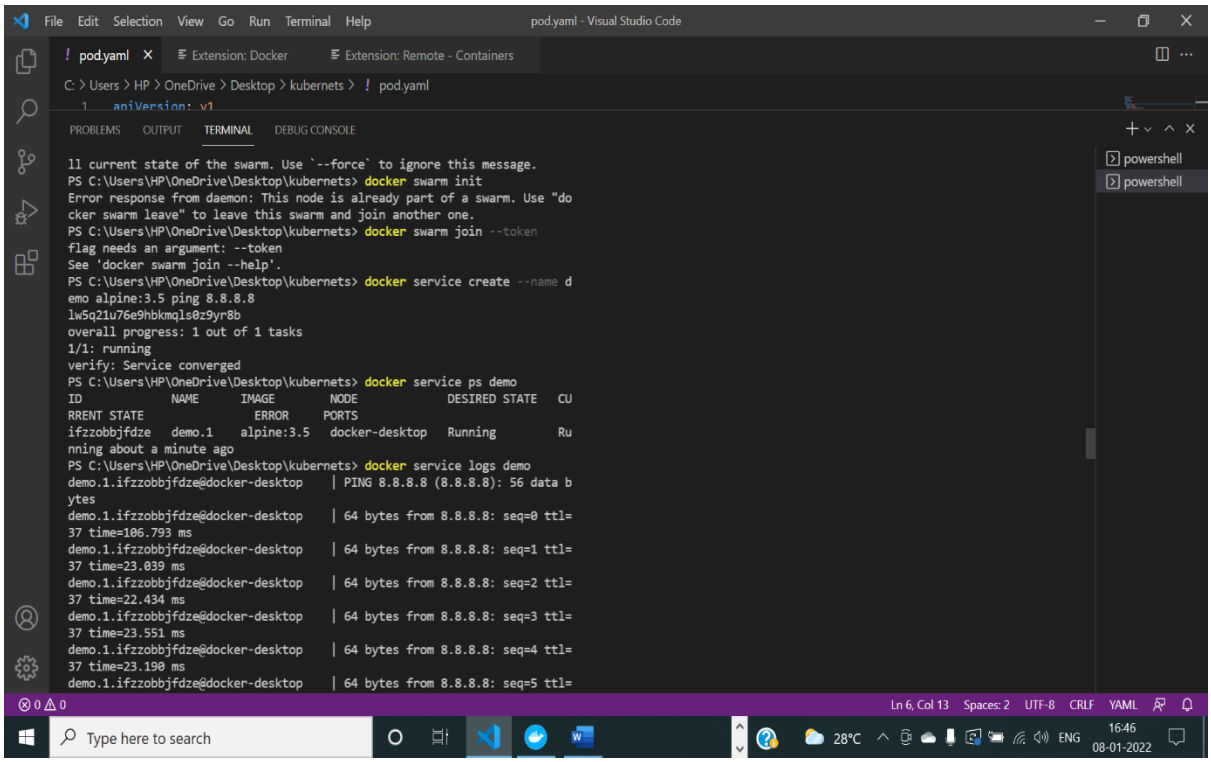


Pod.yaml

```yaml
apiVersion: v1
kind: Pod
metadata:
  name: demo
spec:
 containers:
 - name: testpod
   image: alpine:3.5
   command: ["ping","8.8.8.8"]
```



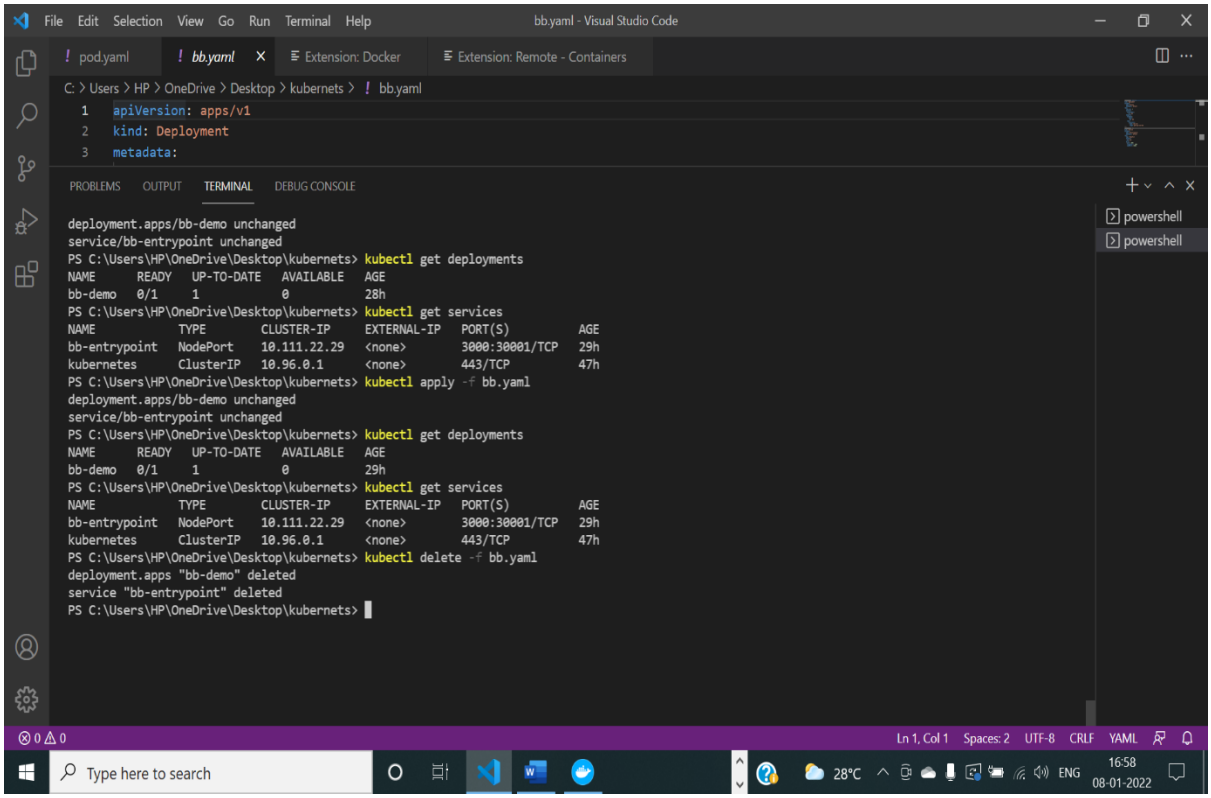
Enable docker swarm

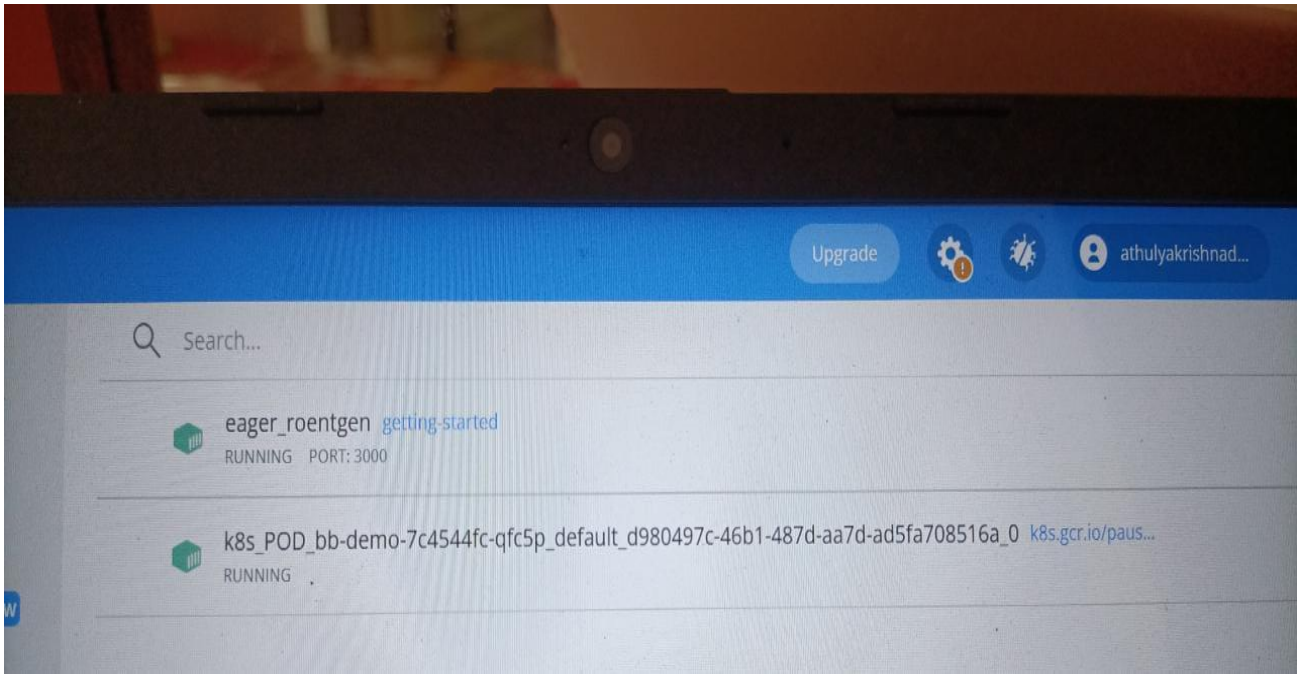


Deploy in to Kubernets

bb.yaml

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
  name: bb-demo
  namespace: default
spec:
  replicas: 1
  selector:
    matchLabels:
      bb: web
  template:
    metadata:
      labels:
        bb: web
    spec:
      containers:
      - name: bb-site
        image: getting-started
---
apiVersion: v1
kind: Service
metadata:
  name: bb-entrypoint
  namespace: default
spec:
  type: NodePort
  selector:
    bb: web
  ports:
  - port: 3000
    targetPort: 3000
    nodePort: 30001
```


File Edit Selection View Go Run Terminal Help
bb.yaml - Visual Studio Code
pod.yaml
bb.yaml
Extension: Docker
Extension: Remote - Containers
C: > Users > HP > OneDrive > Desktop > kubernets > bb.yaml
1 apiVersion: apps/v1
2 kind: Deployment
3 metadata:
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
deployment.apps/bb-demo unchanged
service/bb-entrypoint unchanged
PS C:\Users\HP\OneDrive\Desktop\kubernets> kubectl get deployments
NAME READY UP-TO-DATE AVAILABLE AGE
bb-demo 0/1 1 0 28h
PS C:\Users\HP\OneDrive\Desktop\kubernets> kubectl get services
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
bb-entrypoint NodePort 10.111.22.29 <none> 3000:30001/TCP 29h
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 47h
PS C:\Users\HP\OneDrive\Desktop\kubernets> kubectl apply -f bb.yaml
deployment.apps/bb-demo unchanged
service/bb-entrypoint unchanged
PS C:\Users\HP\OneDrive\Desktop\kubernets> kubectl get deployments
NAME READY UP-TO-DATE AVAILABLE AGE
bb-demo 0/1 1 0 29h
PS C:\Users\HP\OneDrive\Desktop\kubernets> kubectl get services
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
bb-entrypoint NodePort 10.111.22.29 <none> 3000:30001/TCP 29h
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 47h
PS C:\Users\HP\OneDrive\Desktop\kubernets> kubectl delete -f bb.yaml
deployment.apps "bb-demo" deleted
service "bb-entrypoint" deleted
PS C:\Users\HP\OneDrive\Desktop\kubernets>
powershell
powershell
Ln 1, Col 1 Spaces: 2 UTF-8 CRLF YAML
Type here to search
28°C ENG 16:58 08-01-2022


Upgrade
athulyakrishnad...
Search...
eager_roentgen getting-started
RUNNING PORT: 3000
k8s_POD_bb-demo-7c4544fc-qfc5p_default_d980497c-46b1-487d-aa7d-ad5fa708516a_0 k8s.gcr.io/paus...
RUNNING