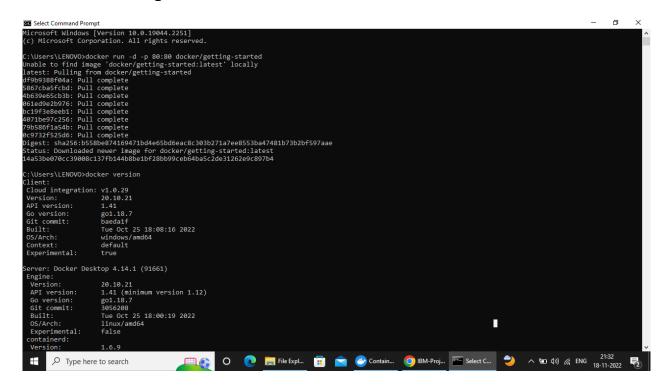
# ASSIGNMEN T 4

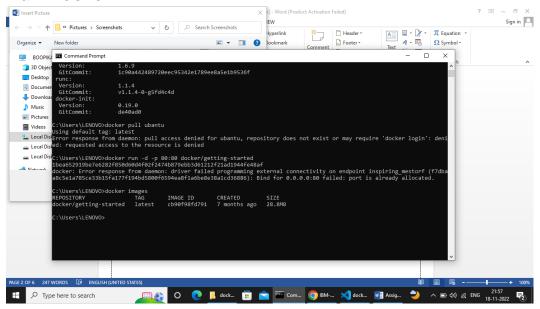
Project Name	Skill / Job Recommender Application
Maximum Marks	2 Marks
Team ID	PNT2022TMID36881

## **Output:**

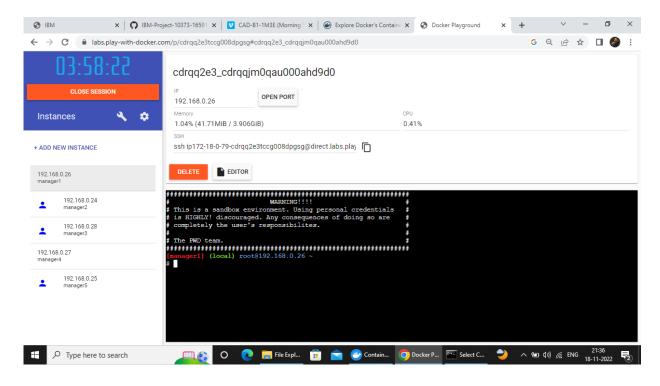
### Pull image in docker:



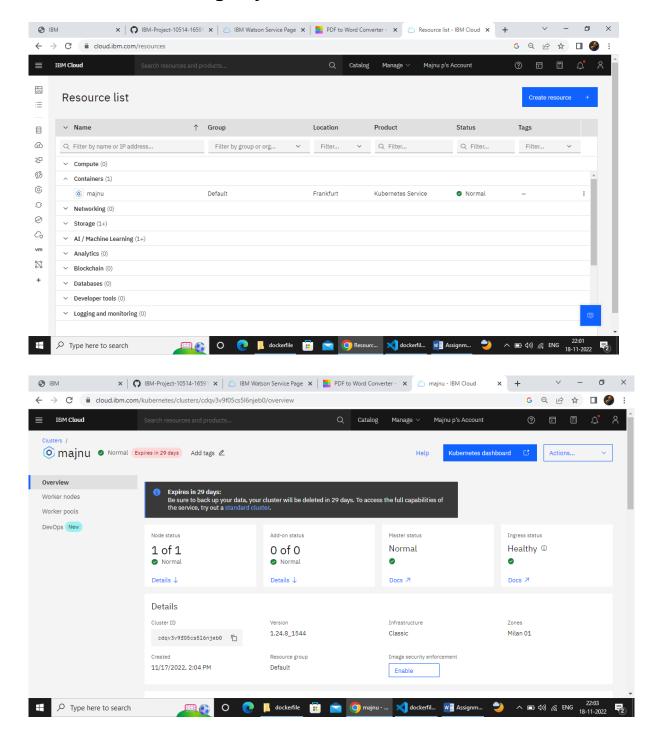
#### **Run Docker:**



#### **Docker Playground:**



## **Container Registry:**



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Templates was Created successfully Welcomee

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#### **KUBERNETES:**

#### dashboard-adminuser.yaml

apiVersion: v1

kind:

ServiceAccount

metadata:

name: admin-user

namespace: kubernetes-dashboard

---

apiVersion: v1 kind: Secret metadata:

name: admin-user-token namespace: kubernetesdashboard annotations:

kubernetes.io/service-account.name: adminuser type: kubernetes.io/service-account-token

---

apiVersion:

rbac.authorization.k8s.io/v1 kind:

ClusterRoleBinding

metadata:

name: adminuser roleRef:

apiGroup: rbac.authorization.k8s.io

kind: ClusterRole name: clusteradmin subjects:

 kind: ServiceAccount name: admin-user

```
Flask-deployment.yaml
apiVersion: apps/v1
kind: Deployment
metadata:
name: flask-app
spec:
 replicas: 3
selector:
  matchLabels:
   app: flask-app
 template:
  metadata:
  labels:
    app: flask-app
  spec:
   containers:
    - name: flask-app-
    container
     image: flask-app-testing
     imagePullPolicy: Never
     ports:
      - containerPort: 5000
       protocol: TCP
Flask_ ingress.yaml:
apiVersion: networking.k8s.io/v1
kind: Ingress
metadata:
 name: flask-app-ingress
 annotations:
 kubernetes.io/ingress.class:
 nginx
  nginx.ingress.kubernetes.io/ssl-redirect: "false"
spec:
 # ingressClassName:
 nginx rules:
  - http:
   paths:
backend:
       service:
        name: flask-app-
        service port:
```

namespace: kubernetes-dashboard

number: 5000 path: / pathType: Prefix

## Flask\_service.yaml:

apiVersion: v1 kind: Service metadata:

name: flask-app-service

spec: type: ClusterIP ports:

- port: 5000 selector:

app: flask-app