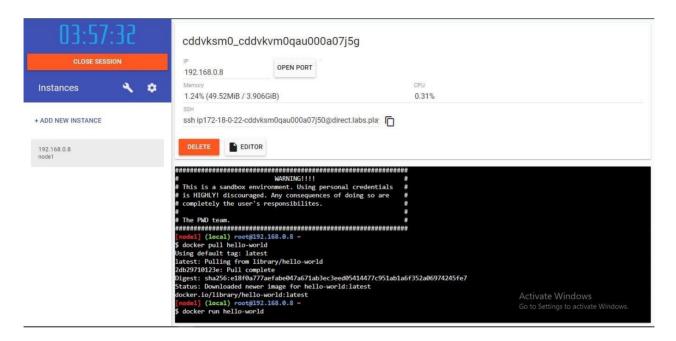
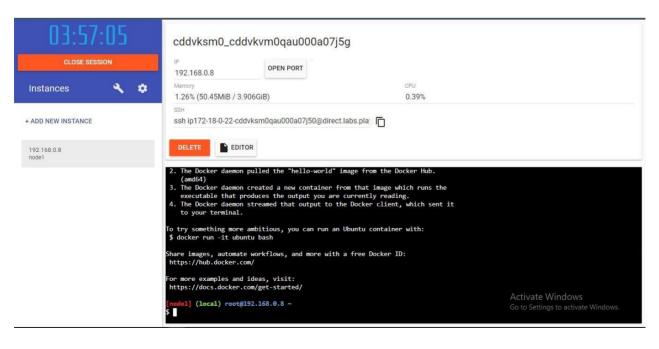
## **ASSIGNMENT 4**

TEAM ID	PNT2022TMID43028
PROJECT NAME	PLASMA DONOR APPLICATION
NAME	BRINDHA.M

## Question 1:

Pull an image from docker hub and run it in docker playground.





## Question 2:

Create a docker file for the jobportal application and deploy it in Docker desktop application.

## DOCKERFILE:

```
FROM python:3.8-buster

WORKOIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

COPY . /app/

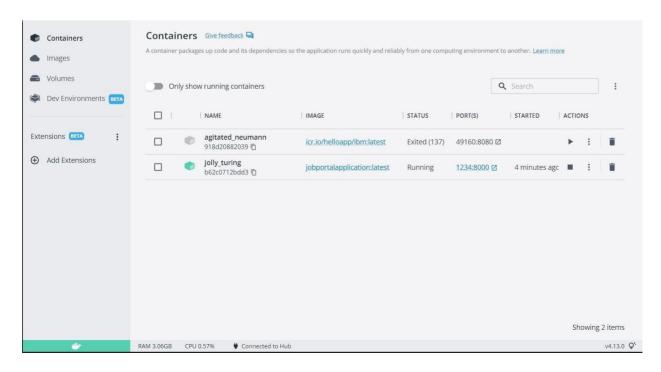
RUN cp .env.dev.sample .env

EXPOSE 8000

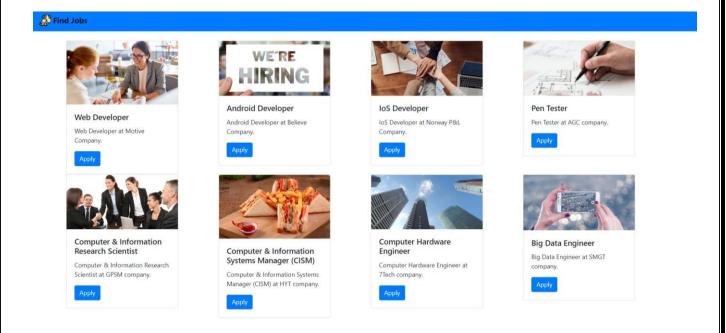
RUN chmod +x entrypoint.sh

CMD ["sh", "entrypoint.sh"]
```

### DEPLOYMENT OF JOBPORTAL APPLICATION:



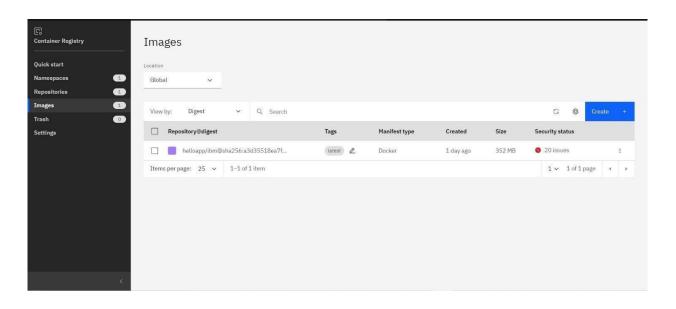
## **OUTPUT**:



## Question 3:

Create a IBM container registry and deploy helloworld app or jobportapp.

### IBM CONTAINER REGISTRY DEPLOYMENT:



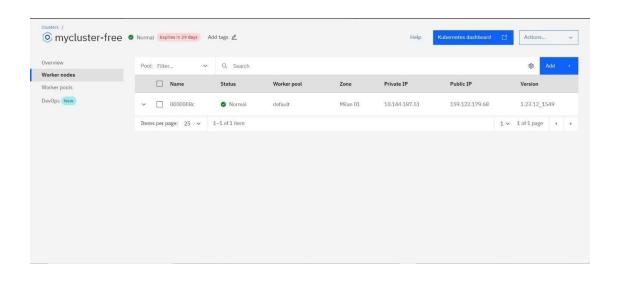
## **OUTPUT:**



# Question 4:

Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

## CREATING KUBERNETES CLUSTER IN IBM CLOUD AND EXPOSING NODEPORT:



## **OUTPUT**:





### Web Developer

Web Developer at Motive Company.

Apply



### Computer & Information Research Scientist

Computer & Information Research Scientist at GPSM company.

Apply



### Android Developer

Android Developer at Believe Company.

Apply



### Computer & Information Systems Manager (CISM)

Computer & Information Systems Manager (CISM) at HYT company.

Apply



### loS Developer

IoS Developer at Norway P&L Company.

Apply



### Computer Hardware Engineer

Computer Hardware Engineer at 7Tech company.

Apply



### Pen Tester

Pen Tester at AGC company.

Apply



### Big Data Engineer

Big Data Engineer at SMGT company.

Apply