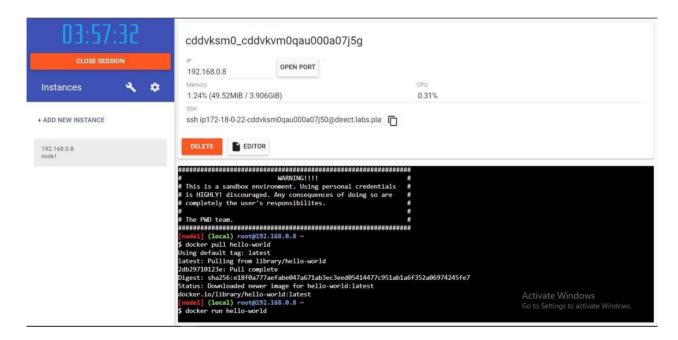
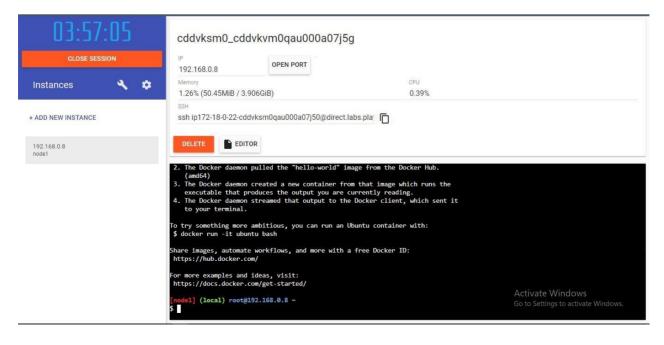
ASSIGNMENT 4

| TEAM ID | PNT2022TMID43019 |
|--------------|---------------------------------|
| PROJECT NAME | Nutrition Assistant Application |
| NAME | Thilagavathy |

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/

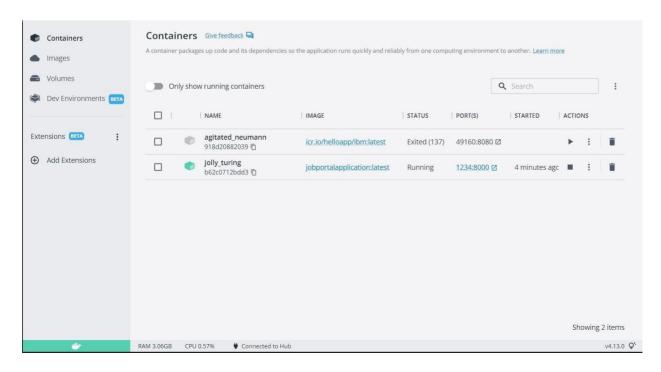
RUN cp .env.dev.sample .env

EXPOSE 8000

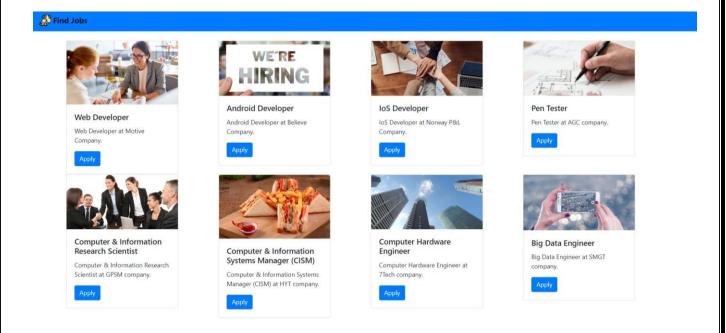
RUN chmod +x entrypoint.sh

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

DEPLOYMENT OF JOBPORTAL APPLICATION:



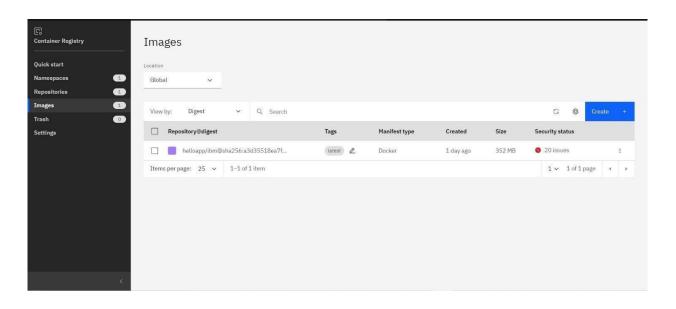
OUTPUT:



Question 3:

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

IBM CONTAINER REGISTRY DEPLOYMENT:



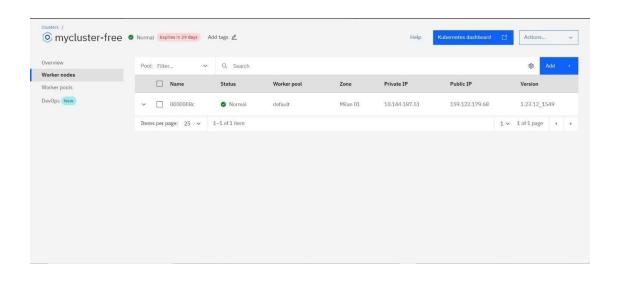
OUTPUT:



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