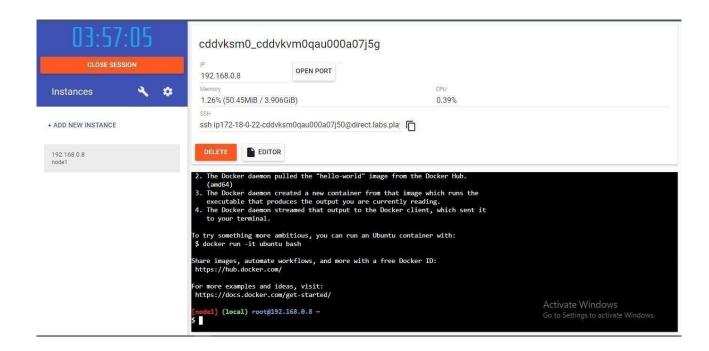
## Assignment - 4

Assignment Date	27 October 2022
Student Name	S Sharjin
Student Roll Number	962219205039
Maximum Marks	2 Marks

## Question 1:

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





#### Question 2:

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

#### **DOCKER FILE:**

```
FROM python:3.8-buster

WORKDIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

COPY ./app/

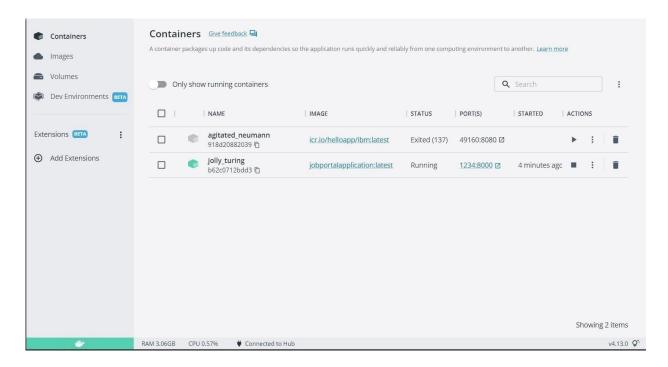
RUN cp.env.dev.sample .env

EXPOSE 8080

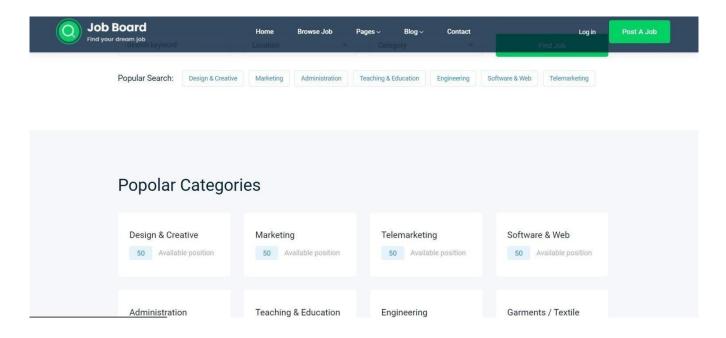
RUN chmod +x entrypoint.sh

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

# DEPLOYMENT OF JOBPORTAL APPLICATION:



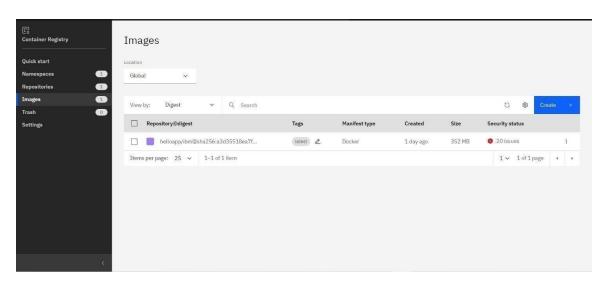
#### **OUTPUT:**



## **Question 3:**

Create a IBM container registry and deploy hello-world app or job port app.IBM

#### **CONTAINER REGISTRY DEPLOYMENT:**



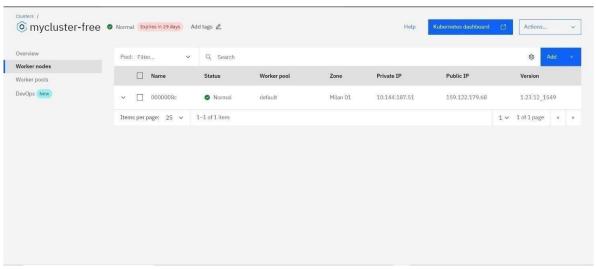
#### **OUTPUT:**



## **Question 4:**

Create a Kubernetes cluster in IBM cloud and deploy hello world image or job portal image and also expose the same app to run in node port.

## Creating Kubernetes cluster in IBM cloud and exposing node port:



## **Output:**

