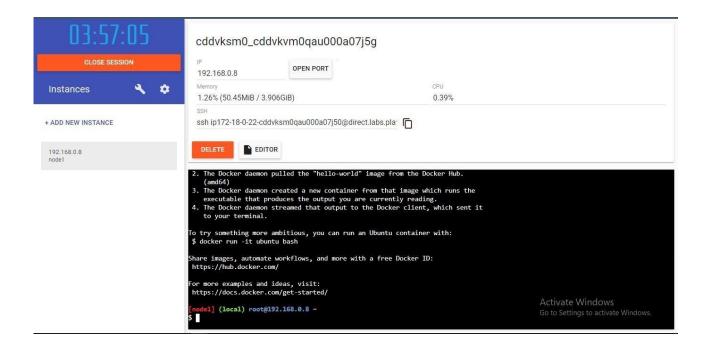
# Assignment - 4

Assignment Date	17 November 2022
Student Name	P.A.Vasanth
Student Roll Number	422119104030
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

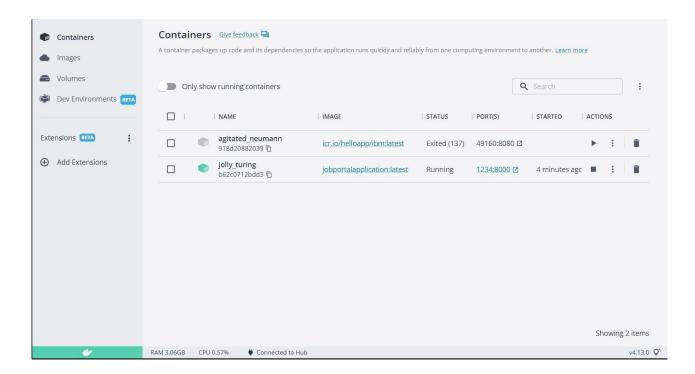
RUN cp .env.dev.sample .env

EXPOSE 8000

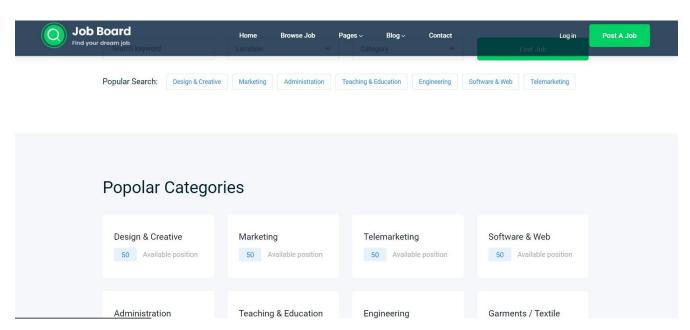
RUN chmod +x entrypoint.sh

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

### **DEPLOYMENT OF JOBPORTAL APPLICATION:**



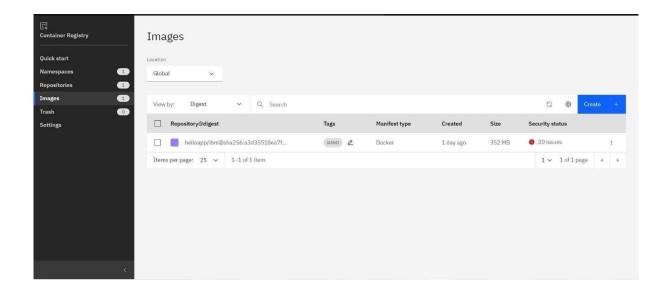
### **OUTPUT:**



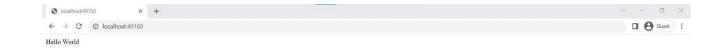
# Question 3:

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

# **REGISTRY DEPLOYMENT:**



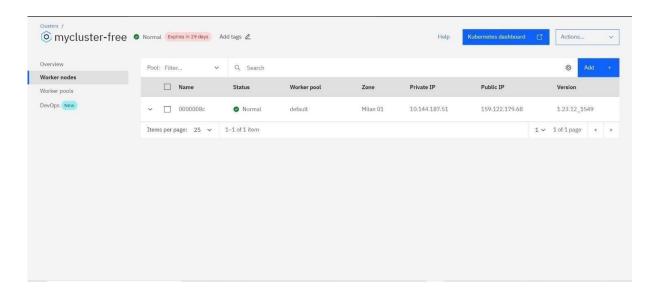
## **OUTPUT:**



## 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:**

