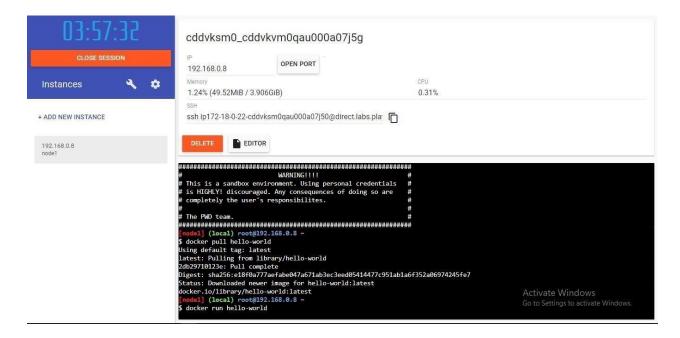
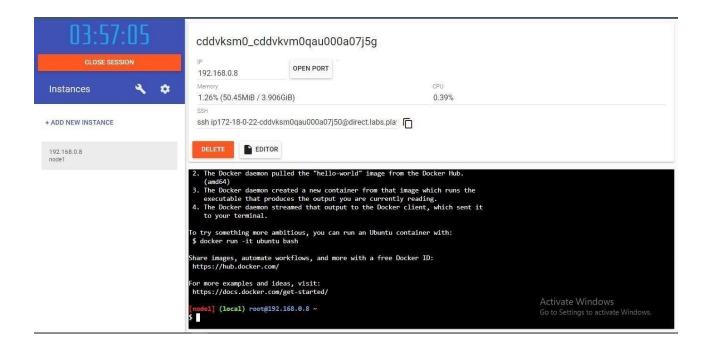
# Assignment - 4

Assignment Date	03 November 2022
Student Name	Shamitha S
Student Roll Number	113119UG04096
Maximum Marks	2 Marks
Team ID	PNT2022TMID22399

# 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.

#### DOCKERFILE:

```
## FROM python: 3.8-buster

WORKDIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

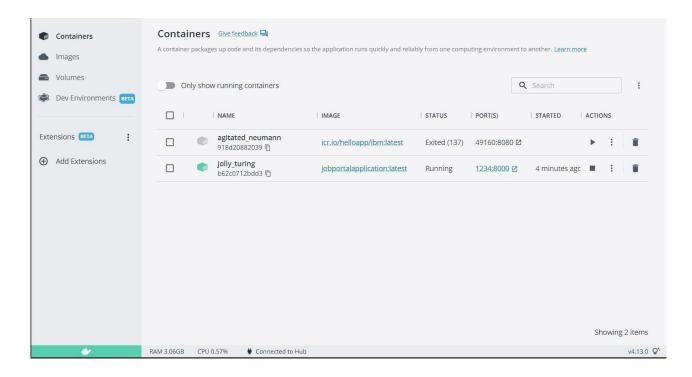
RUN cop. env.dev.sample .env

EXPOSE 8800

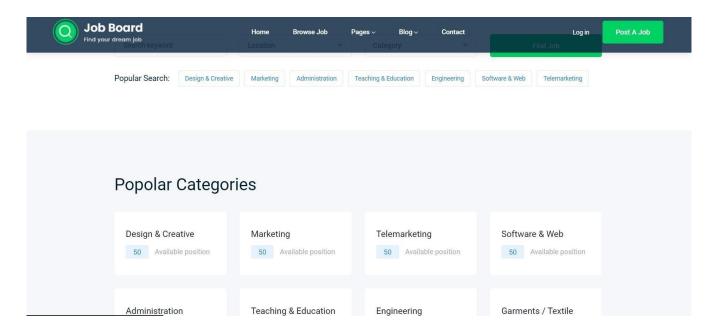
RUN chmod +x entrypoint.sh

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

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



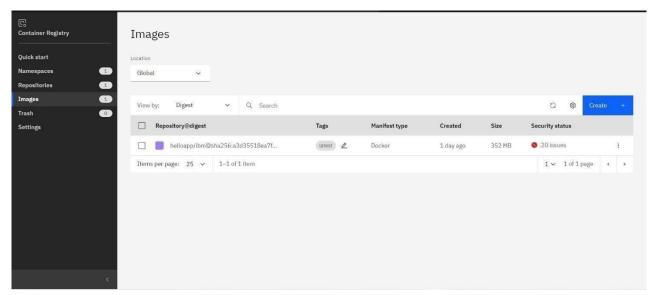
#### **OUTPUT:**



# Question 3

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

## IBM CONTAINER REGISTRY DEPLOYMENT:

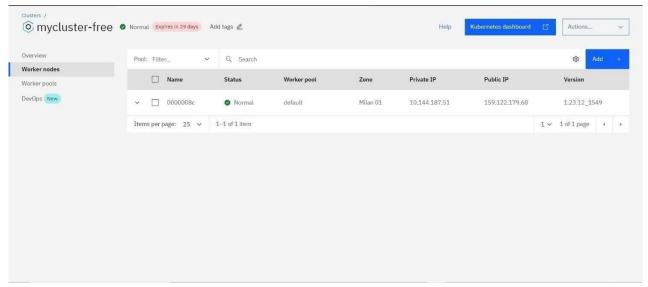


### **OUTPUT:**



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:

