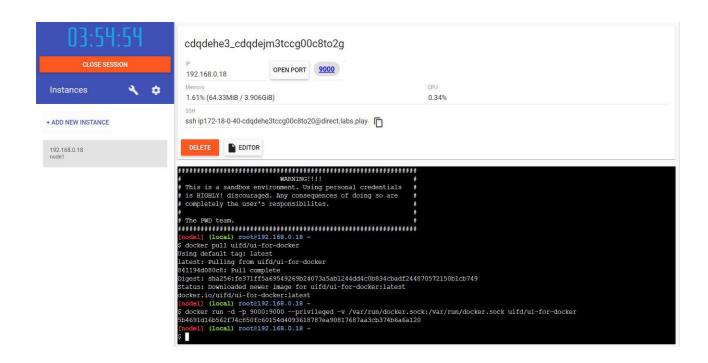
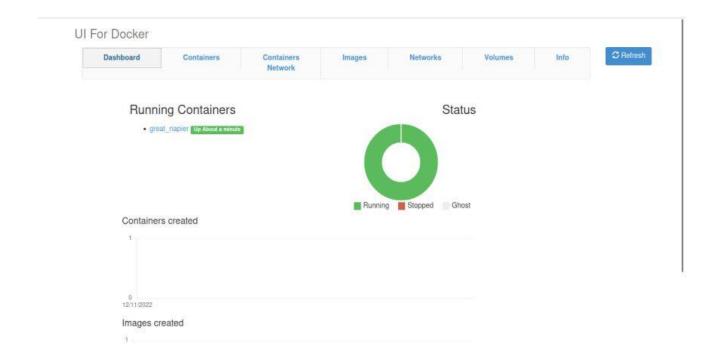
### **ASSIGNMENT – 4**

Assignment Date	20 October 2022
Student Name	NITHISH KUMAR R
Student Roll Number	311019104055
Maximum Marks	2 Marks

#### 1. Pull an Image from docker hub and run it in docker playground.





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

## **Dockerfile:**

FROM python:3.6

WORKDIR /app

ADD . /app

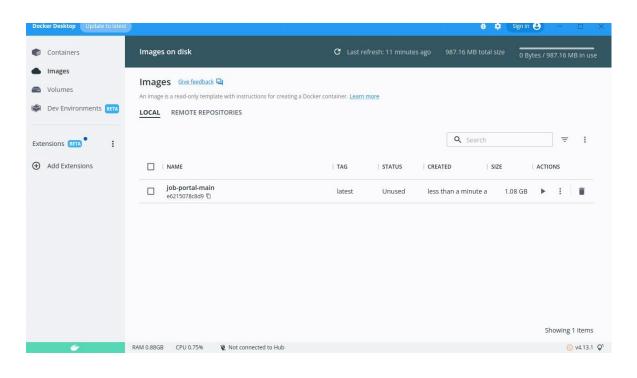
COPY requirements.txt /app

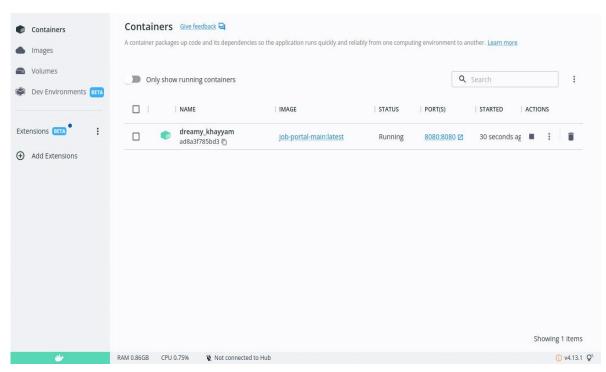
RUN python3 -m pip install -r requirements.txt

RUN python3 -m pip install ibm\_db

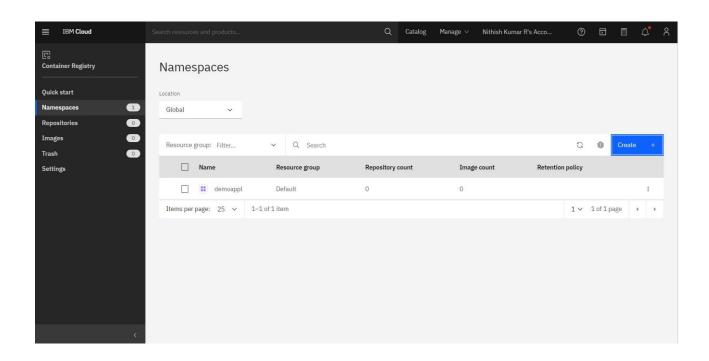
**EXPOSE 5000** 

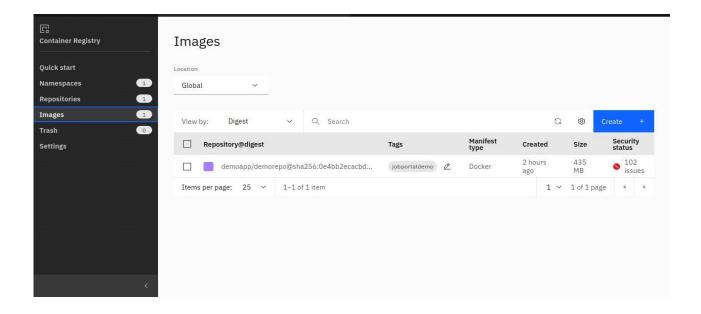
CMD ["python", "app.py"]

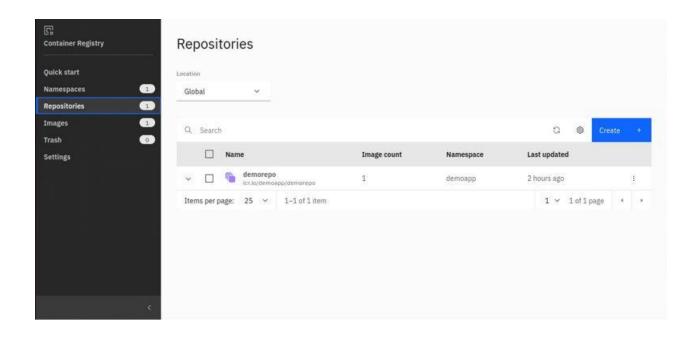




# 3. Create a IBM container registry and deploy helloworld app or jobportalapp.







# 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.

