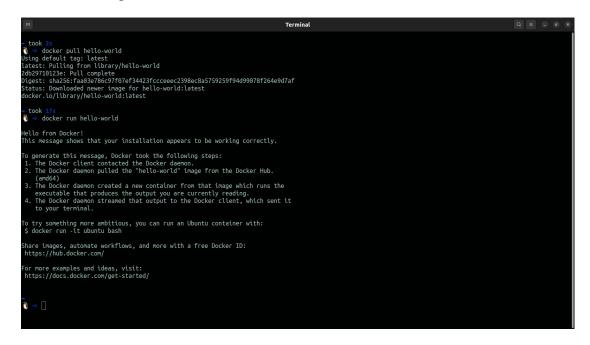
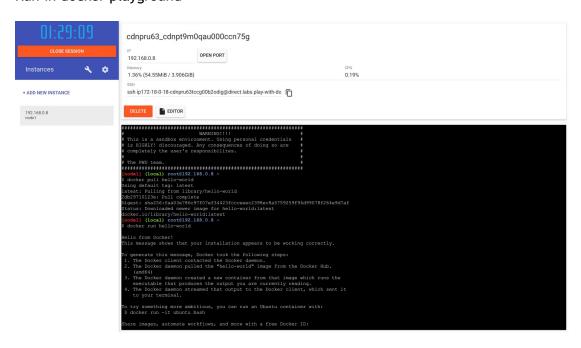
Assignment -4 Docker and kubernetes

Assignment Date	12 November2022
Student Name	Santhosh K
Student Roll Number	412519104115
Maximum Marks	2 Marks

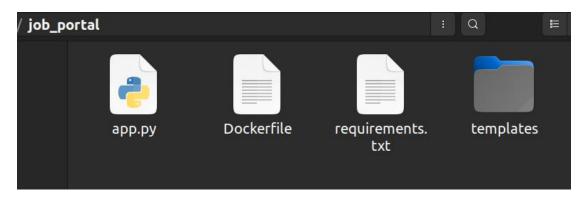
1. Pull an image from docker hub:



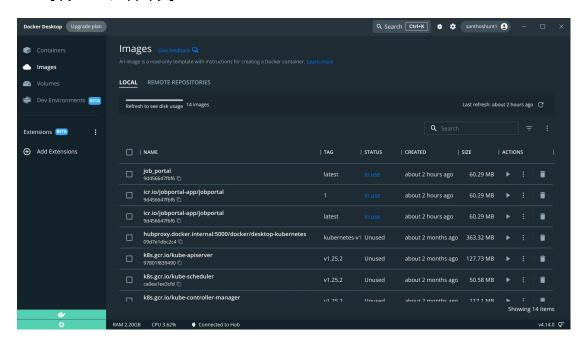
Run in docker playground

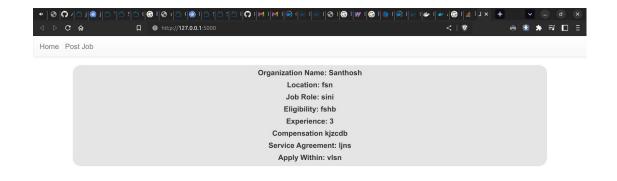


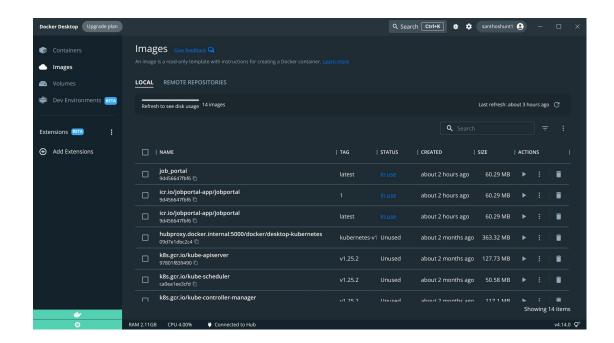
2. create job portal application and deploy in desktop application



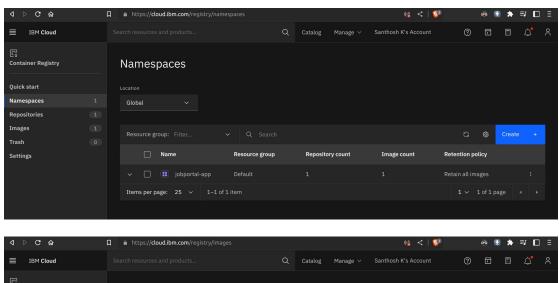
Dockerfile:
FROM python:3.10-alpine
WORKDIR /Job_Portal
ADD . /Job_Portal
COPY requirements.txt .
RUN pip install -r requirements.txt
CMD ["python","app.py"]

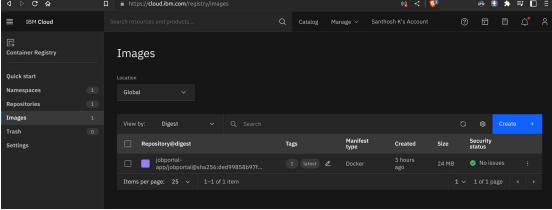


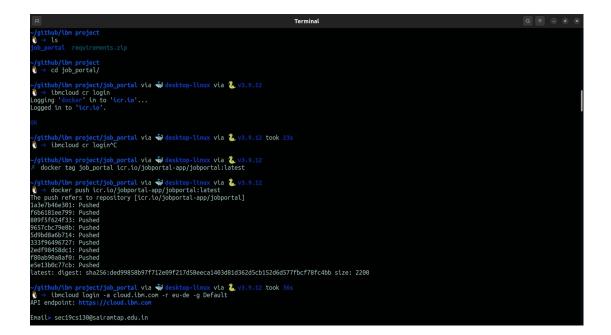




3. Create a IBM container registry and deploy helloworld app or jobportalapp.







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.

