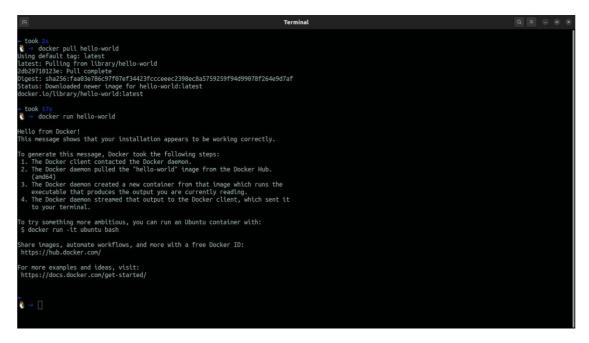
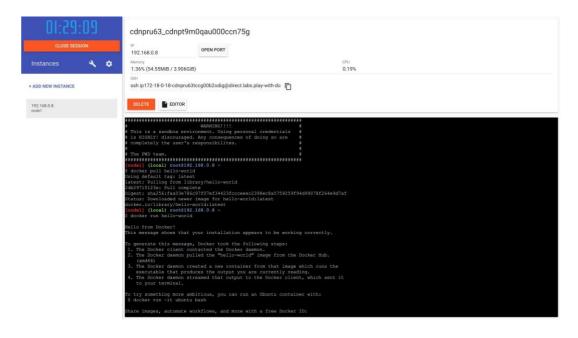
Assignment -4 Docker and kubernetes

Assignment Date	12 November2022
Student Name	Dhamotharan A S
Student Roll Number	412519104027
Maximum Marks	2 Marks

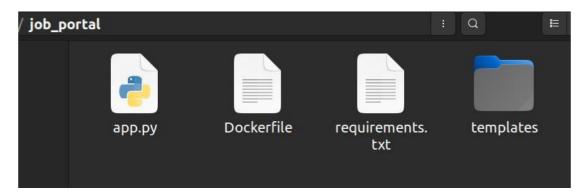
1. Pull an image from docker hub:



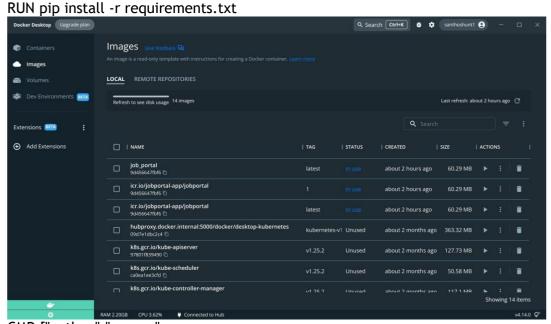
Run in docker playground



2. create job portal application and deploy in desktop application

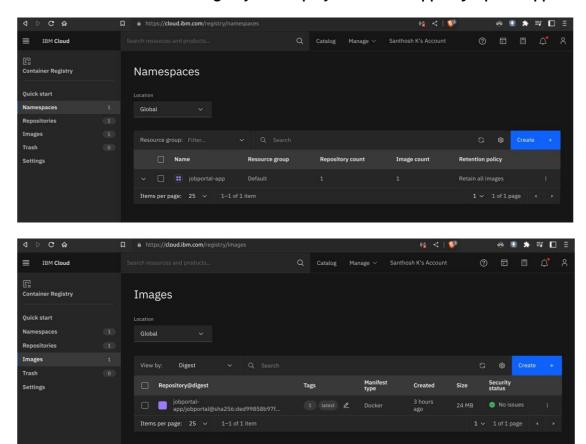


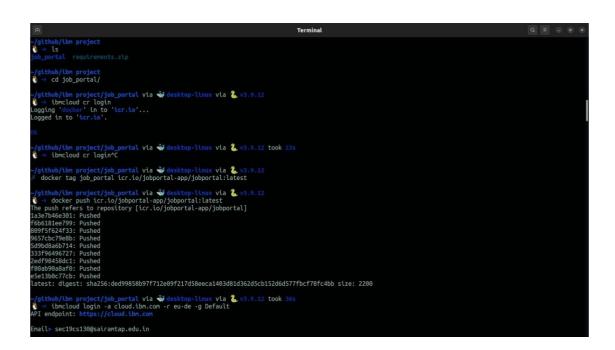
Dockerfile: FROM python:3.10-alpine WORKDIR /Job_Portal ADD . /Job_Portal COPY requirements.txt .



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.

