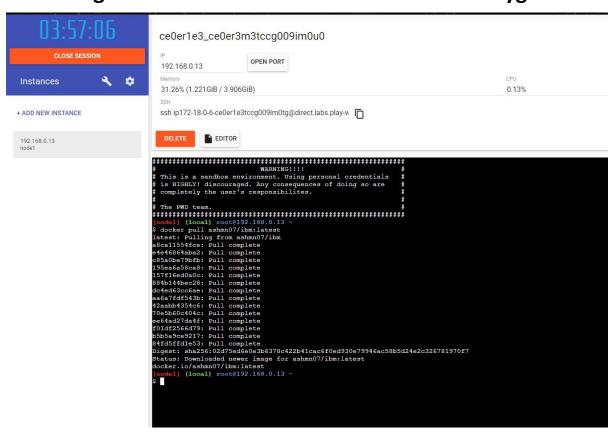
Assignment-4

Name: Morareddy Rahul Reddy

Docker and Kubernetes

Pull Image from docker hub and run in docker Playground



Running Docker in Docker Hub

```
Project Development Phase > Sprint 4 > Dockerfile > ...

You, 22 hours ago | 1 author (You)

FROM python:3.9

WORKDIR /app

COPY requirements.txt ./

RUN pip install --upgrade pip setuptools

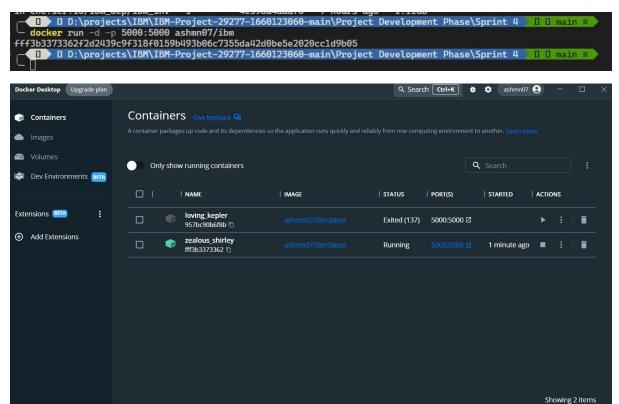
RUN python -m pip install -r requirements.txt

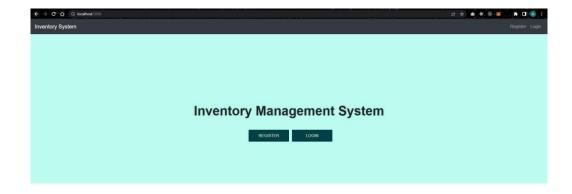
COPY . .

EXPOSE 5000

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

You, 22 hours an
```



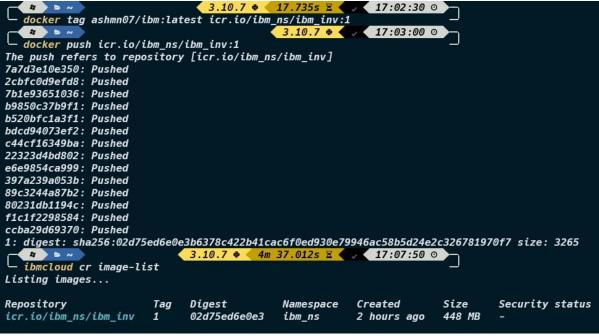


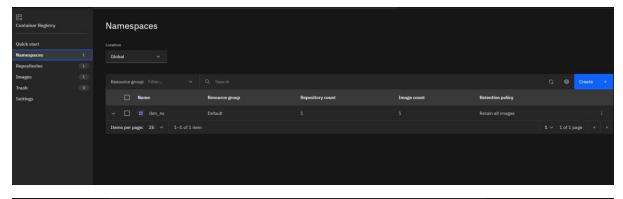
Ibm container Registry

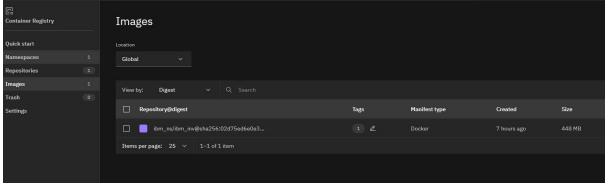
```
3.10.7 ♦ ✓ 15:40:02 ⊙ —
  ibmcloud plugin install cloud-object-storage
Looking up 'cloud-object-storage' from repository 'IBM Cloud'...
Plug-in 'cloud-object-storage 1.6.0' found in repository 'IBM Cloud'
Attempting to download the binary file...
16.58 MiB / 16.58 MiB [================
                                  17383936 bytes downloaded
Installing binary...
Plug-in 'cloud-object-storage 1.6.0' was successfully installed into C:\Users\HP\.bluemix\plugins\cloud-object-storage. Use
bject-storage' to show its details.
                                                                  Ar
Looking up 'container-registry' from repository 'IBM Cloud'...

Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
======] 100.00% Os
12476416 bytes downloaded
Installing binary...
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\HP\.bluemix\plugins\container-registry. Use 'C:
egi<u>stry'</u> to show its details.
   ibmcloud plugin install container-service
Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
28168192 bytes downloaded
Installing binary...
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\HP\.bluemix\pl
ervice' to show its details.
      b ~
                                                                              3.10.7 ♦
   4
ibmcloud plugin install cloud-functions
Looking up 'cloud-functions' from repository 'IBM Cloud'...
Plug-in 'cloud-functions[wsk/functions/fn] 1.0.61' found in repository 'IBM Cloud'
Attempting to download the binary file...
13.39 MiB / 13.39 MiB [==
14042112 bytes downloaded
Installing binary...
OK
Plug-in 'cloud-functions 1.0.61' was successfully installed into C:\Users\HP\.bluemix\plugi
 to show its details.
ibmcloud plugin install schematics
                                                                              3.10.7 .
Looking up 'schematics' from repository 'IBM Cloud'...
Plug-in 'schematics[sch] 1.12.4' found in repository 'IBM Cloud'
21714944 bytes downloaded
Installing binary...
OK
Plug-in 'schematics 1.12.4' was successfully installed into C:\Users\HP\.bluemix\plugins\sc
tails.
   4 6 ~
                                                                             3.10.7 • 9
   ibmcloud login
API endpoint: https://cloud.ibm.com
Email> 2019103510@student.annauniv.edu
Password>
Authenticating...
Targeted account Ashwin Menon's Account (ec3f5949115b403aac122427e60b5b19)
```









Kubernetes

