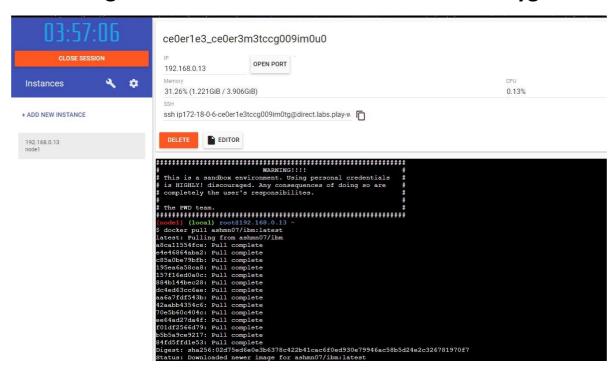
## Assignment - 4

#### 2019103032

# Krishna Teja Esanakula

#### **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

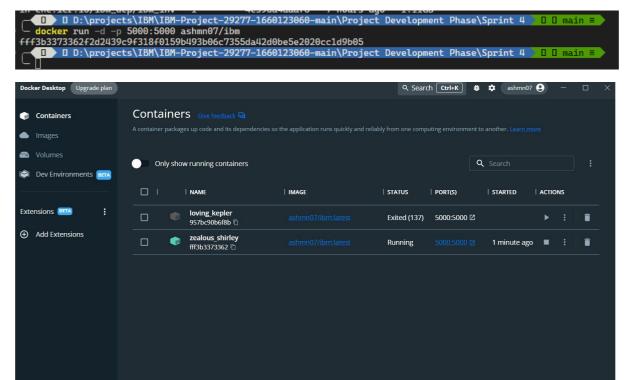
RUN python -m pip install -r requirements.txt

COPY . .

EXPOSE 5000

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

You, 22 hours as
```



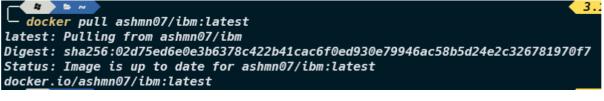


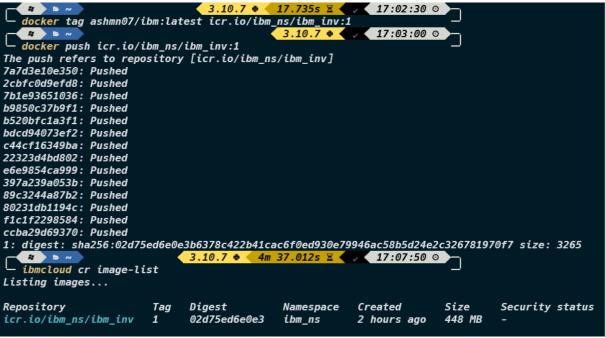
### **Ibm container Registry**

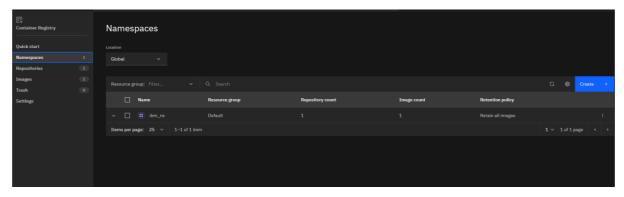
```
3.10.7 • 15:40:02 0
ibmcloud plugin install cloud-object-storage
Looking up 'cloud-object-storage' from repository 'IBM Cloud'...
Plug-in 'cloud-object-storage 1.6.0' found in repository 'IBM Cloud'
Attempting to download the binary file...
16.58 MiB / 16.58 MiB [=============
17383936 bytes downloaded
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.
                                                                                                         15:40:41 0
                                                                               3.10.7 ♦ 8.8365 ₩
ibmcloud plugin install container-registry

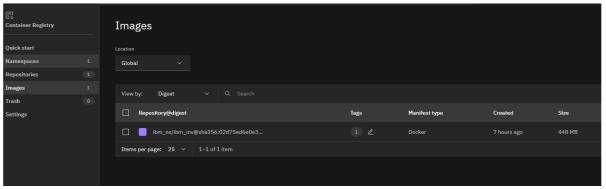
Looking up 'container-registry' from repository 'IBM Cloud'...

Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
Attempting to download the binary file...
11.90 MiB / 11.90 MiB [======
                                                                                    ======1 100.00% 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: egistry' to show its details.
                                                                                         3.10./ •
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'
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\HP\.bluemix\pl
ervice' to show its details.
   # ► ~
                                                                                          3.10.7 • 5
   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.
   # - ~
                                                                                            3.10.7 •
ibmcloud plugin install schematics
Looking up 'schematics' from repository 'IBM Cloud'...
Plug-in 'schematics[sch] 1.12.4' found in repository 'IBM Cloud'
Attempting to download the binary file...
20.71 MiB / 20.71 MiB [======
21714944 bytes downloaded
Installing binary...
OK
Plug-in 'schematics 1.12.4' was successfully installed into C:\Users\HP\.bluemix\plugins\sc
tails.
                                                                                            3.10.7
   Ar
   ibmcloud login
API endpoint: https://cloud.ibm.com
Email> 2019103510@student.annauniv.edu
Password>
Authenticating...
Targeted account Ashwin Menon's Account (ec3f5949115b403aac122427e60b5b19)
```









### **Kubernetes**

