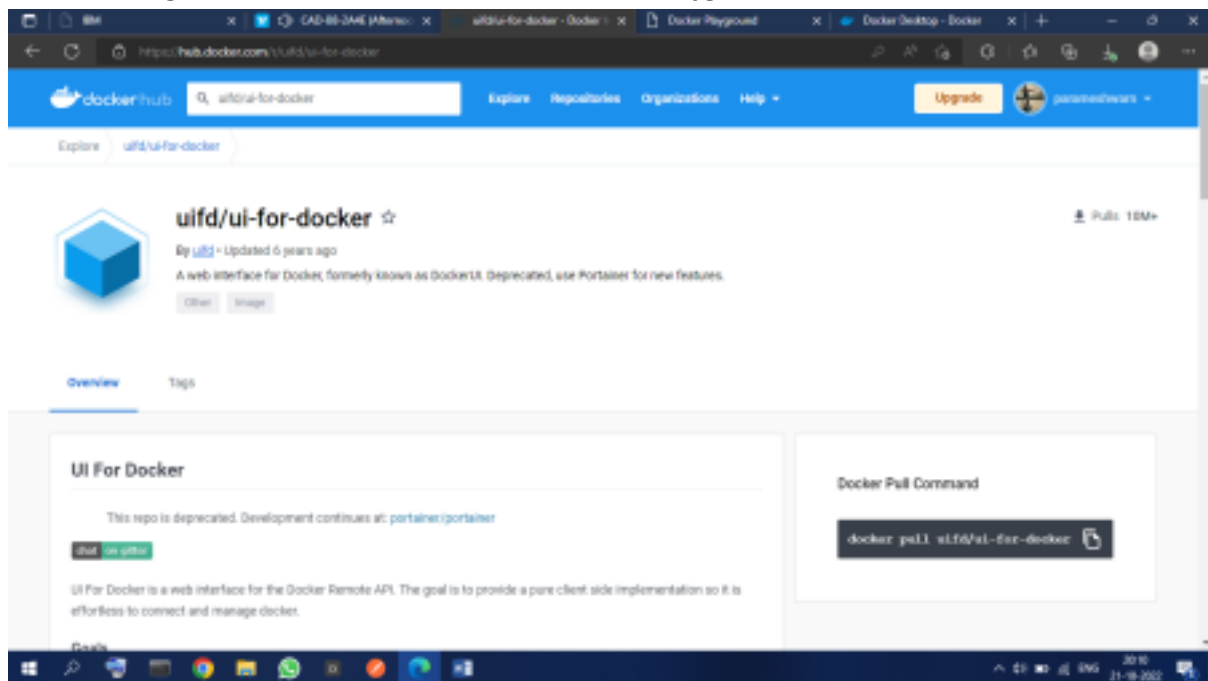


Assignment -4
Docker and Kubernetes

Assignment Date	10 november 2022
Student Name	RUPAVATHI L
Student Roll Number	821019104039
Maximum Marks	2 Marks

1.Pull an image from docker hub and run it in docker Playground



03:42:30

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.8.13
node1

cd9an2u3_cd9av060qau0008hbjso

IP: 192.168.8.13 OPEN PORT

Memory CPU

SSH
ssh ip172-18-0-4-cd9an2u3cd9av060qau0008hbjso@direct.labs.play-with-docker.com

DELETE EDITOR

```
# This is a sandbox environment. Using personal credentials  
# is HIGHLY discouraged. Any consequences of doing so are  
# completely the user's responsibility.  
#  
# The PWD team.  
=====
```

```
root@192.168.8.13 ~  
# docker pull ui5d/ui-for-docker  
Using default tag: latest  
latest: Pulling from ui5d/ui-for-docker  
4411964080ad: Pull complete  
Digest: sha256:1e371ff25a69545243b24973a5ab1244dd4c0b434cbad244878572150b1cb749  
Status: Downloaded newer image for ui5d/ui-for-docker:latest  
docker.io/ui5d/ui-for-docker:latest  
# docker run -d -p 9000:9000 --privileged --name /usr/run/docker-mock /usr/run/docker-mock ui5d/ui-for-docker  
c53b4d163101ae795d0ca6eb3dd58f565493b5f24dcb9ff7c1931923fc8d  
root@192.168.8.13 ~
```

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info Refresh

UI For Docker

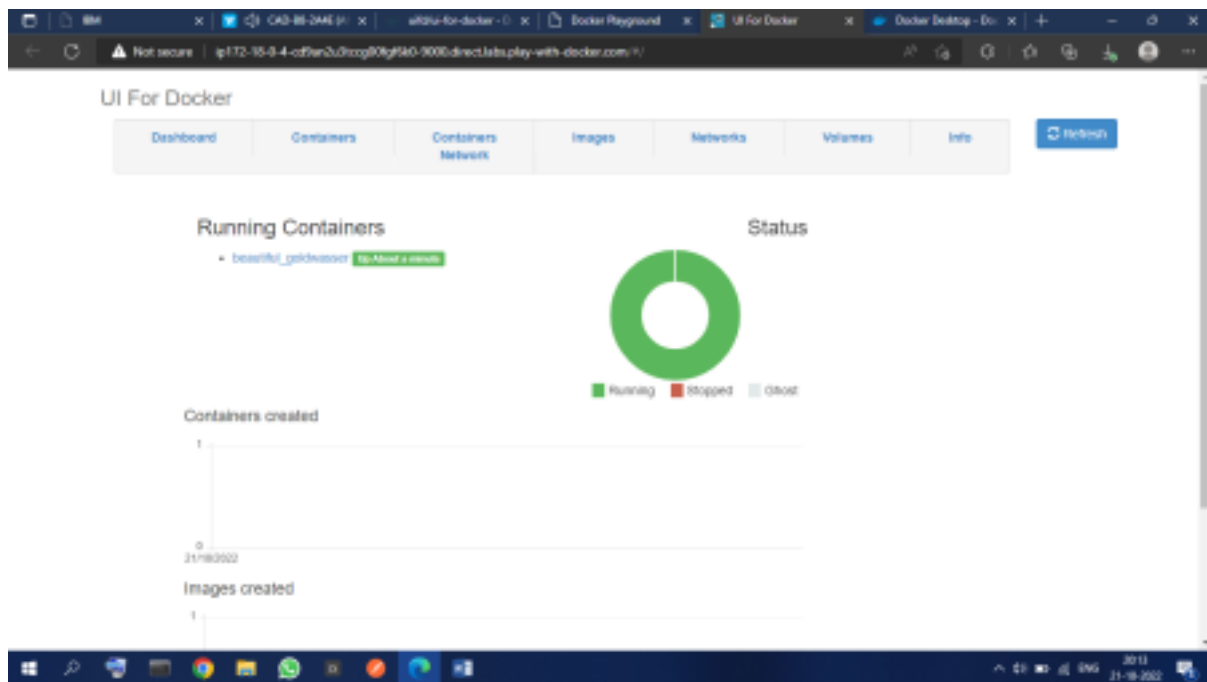
The UI for Docker container engine

Learn more.

Running Containers

• beautiful_goldwasser Up About a minute

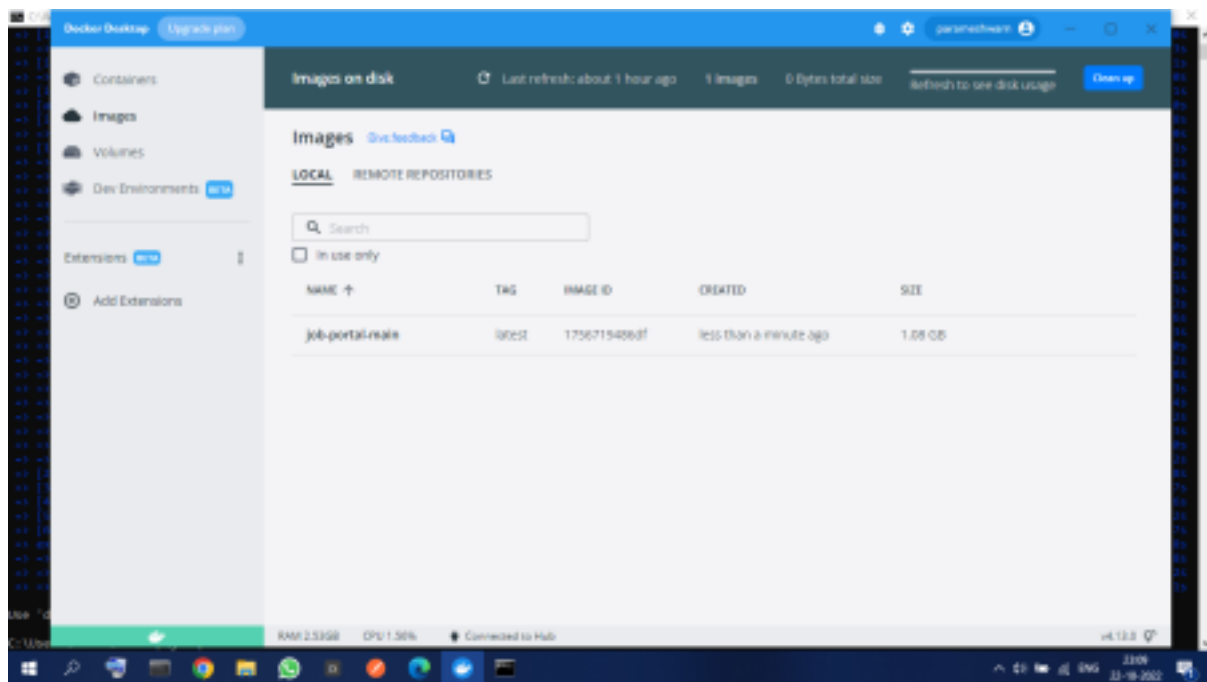
Status



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

```

C:\Windows\system32\cmd.exe
[Internal] load build definition from dockerfile
[+] transferring dockerfile: 51B
[Internal] load .dockerignore
[+] transferring context: 2B
[Internal] load metadata for docker.io/library/python:3.8
[auth] library/python:pull token for registry-1.docker.io
[Internal] load build context
[+] transferring context: 50B
[+] 1/5: FROM docker.io/library/python:3.8@sha256:f9651afaf80c25f9621354d5424031501867a4d826a77ab6032a0f930baf9fc
[+] resolve docker.io/library/python:3.8@sha256:f9651afaf80c25f9621354d5424031501867a4d826a77ab6032a0f930baf9fc
[+] sha256:f9651afaf80c25f9621354d5424031501867a4d826a77ab6032a0f930baf9fc 1.86kB / 1.86kB
[+] sha256:6907ad807ade0d7bafbac31872358c3d85208f821334c84389326303b37ad00a6d 2.22kB / 2.22kB
[+] sha256:54168033687c5c1ad34c6a21fc808abdc8400a21834c083280cf771f7f440384 9.27kB / 9.27kB
[+] sha256:6e25546541c3dc309203321a738d1031905c3305574712080e0b77ad01a3 54.21kB / 54.21kB
[+] sha256:90026c736324618785c87a8d4baf5a921899a296c714833a32a9670381314d 8.11kB / 8.11kB
[+] sha256:c9597ac301721400e0a5375823e4f3eaa05401d5497c8c99749530700c4056 38.87kB / 38.87kB
[+] sha256:540944811312b31007cc8c3221946382778687558c03a0f11c03a0e738793 14.57kB / 14.57kB
[+] sha256:8f9d7489d4fa3f40272708f7ab38b0d4084821a0f4a202124fc7e4d317877 206.52kB / 206.52kB
[+] sha256:5e181233e915958a78a4002083943c34ad4a372094e0a034a4b211044743 4.29kB / 4.29kB
[+] extracting sha256:6e25546541c3dc309203321a738d1031905c3305574712080e0b77ad01a3
[+] sha256:9f007d3363d4f2a60ad7a3411f7a7439c4062185c5478578745c1244b006752 54.21kB / 54.21kB
[+] extracting sha256:90026c736324618785c87a8d4baf5a921899a296c714833a32a9670381314d
[+] extracting sha256:c9597ac301721400e0a5375823e4f3eaa05401d5497c8c99749530700c4056
[+] sha256:48f7963444bac8412ca5133309f25491c91f1a00068f0e0e08243d7f20a87 2.03B / 2.03B
[+] sha256:1c4f29626e01800a4fc0a8c13f1320e338181cc0f308d4a08480093a0f 2.21kB / 2.21kB
[+] extracting sha256:6404a811821831c027c3c322c43182778687558c03a0f11c03a0e738793
[+] extracting sha256:c9597ac301721400e0a5375823e4f3eaa05401d5497c8c99749530700c4056
[+] extracting sha256:5e181233e915958a78a4002083943c34ad4a372094e0a034a4b211044743
[+] extracting sha256:9f007d3363d4f2a60ad7a3411f7a7439c4062185c5478578745c1244b006752
[+] extracting sha256:48f7963444bac8412ca5133309f25491c91f1a00068f0e0e08243d7f20a87
[+] extracting sha256:c9f42a2b5c18008b77c0448c127130618434cc0750854650848a0309a3d7
[3/8] WORKDIR /app
[3/8] ADD - /app
[4/8] COPY requirements.txt /app
[5/8] RUN python3 -m pip install -r requirements.txt
[6/8] RUN python3 -m pip install bluez
[+] exporting to image
[+] exporting layers
[+] writing image sha256:179a1808dfe0fadb0e898c1212329343d18e0d0f20d2a38a8197e10e
[+] naming to docker.io/library/job-portal-main
See 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
C:\Users\WK-PC\Desktop\job-portal-main>
  
```



3.Create a IBM container registry and deploy helloworld app