Assignment - 4

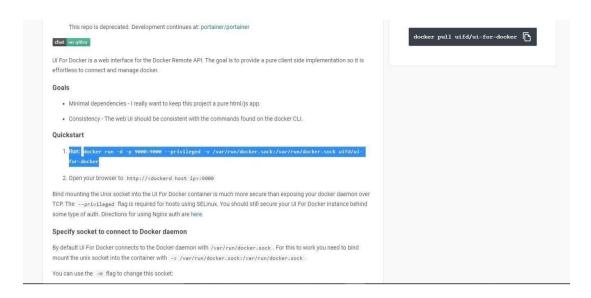
Kubernets/Docker

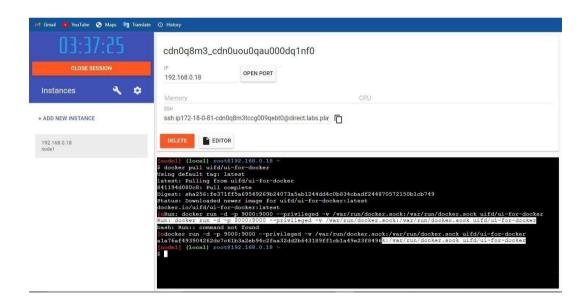
Assignment Date	19 November 2022
Student Name	MULI SRINIVASULU
Student Roll Number	113219041071
Maximum Marks	2 Marks

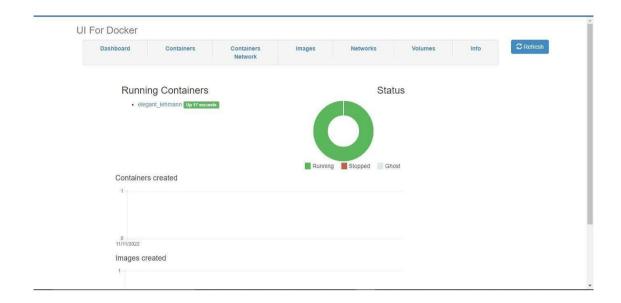
1. Pull an image from docker hub and run it on docker playground.



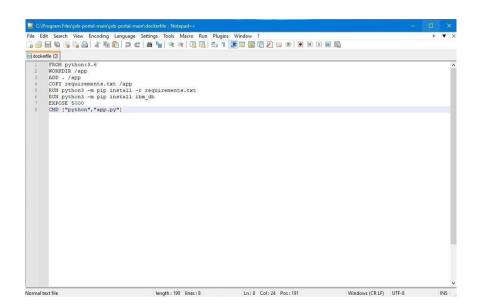
To run a pulled image in docker playground, copy the run command of the pulled image.



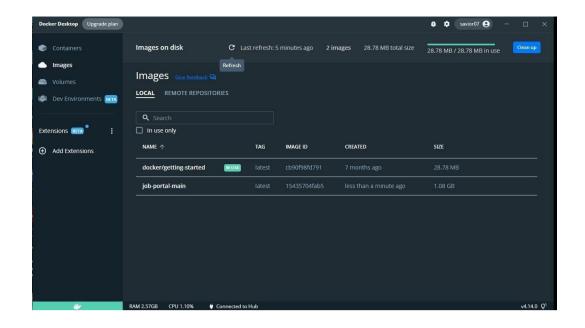


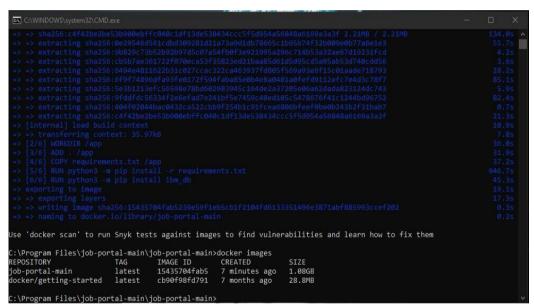


2. Create a docker file for the job portal application and deploy it inDocker desktop application.



```
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://127.0.0.1:5000
* Running on http://192.168.50.106:5000
Press CTRL+C to quit
127.0.0.1 - [11/Nov/2022 21:04:39] "GET / HTTP/1.1" 200 -
127.0.0.1 - [11/Nov/2022 21:04:41] "GET /sss/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:26] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:26] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:26] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:27] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:37] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:37] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:37] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:37] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:37] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:52] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:52] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:05:52] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:14] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:14] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:14] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:17] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:17] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:17] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:17] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:17] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:17] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:17] "GET /css/style.css HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:28] "GET /static/img/smartinternz.png HTTP/1.1" 404 -
127.0.0.1 - [11/Nov/2022 21:06:28] "GET /static/img/smartinternz.png HTTP/1.1" 404 -
127.0.0.1 - [11/N
```





Pushing the image to repository

```
C:\Users\ELCOT>docker tag job-portal icr.io/job-portal/sathish
error during connect: This error may indicate that the docker daemon is not running.: Post "http://%2F%2F.%2Fpipe%2Fdock
er_engine/V1.24/images/job-portal/tag?repo=icr.io%2Fjob-portal%2Fsathish&tag=latest": open //./pipe/docker_engine: The s
ystem cannot find the file specified.

C:\Users\ELCOT>docker tag job-portal icr.io/jobportalmain/sathish
Error response from daemon: open \\.\pipe\docker_engine_linux: The system cannot find the file specified.

C:\Users\ELCOT>docker tag job-portal icr.io/jobportalmain/sathish
Error response from daemon: No such image: job-portal:latest

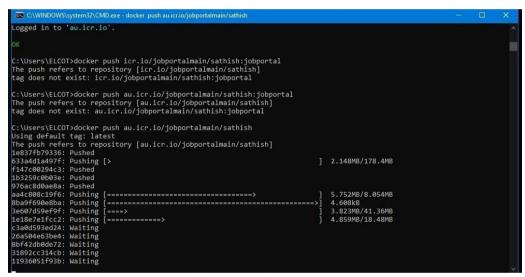
C:\Users\ELCOT>docker tag job-portal-main icr.io/jobportalmain/sathish
The system cannot find the path specified.

C:\Users\ELCOT>docker push au.icr.io/ipobportalmain/sathish
Using default tag: latest
The push refers to repository [au.icr.io/jobportalmain/sathish]
An image does not exist locally with the tag: au.icr.io/jobportalmain/sathish

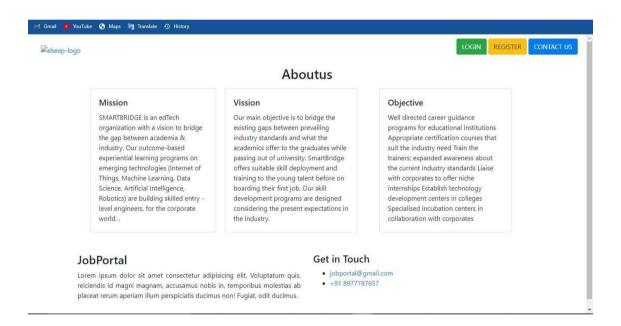
C:\Users\ELCOT>docker tag job-portal-main au.icr.io/jobportalmain/sathish

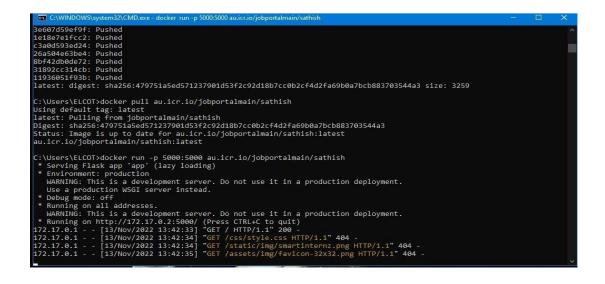
C:\Users\ELCOT>docker tag job-portal-main au.icr.io/jobportalmain/sathish

C:\Users\ELCOT>docker tag job-portal-main au.icr.io/jobportalmain/sathish
```



Pulling the image from IBM container and runnig it.





3. Create a Kubernets Cluster in IBM cloud and deploy hello world image or job portal image.

