# Assignment-4

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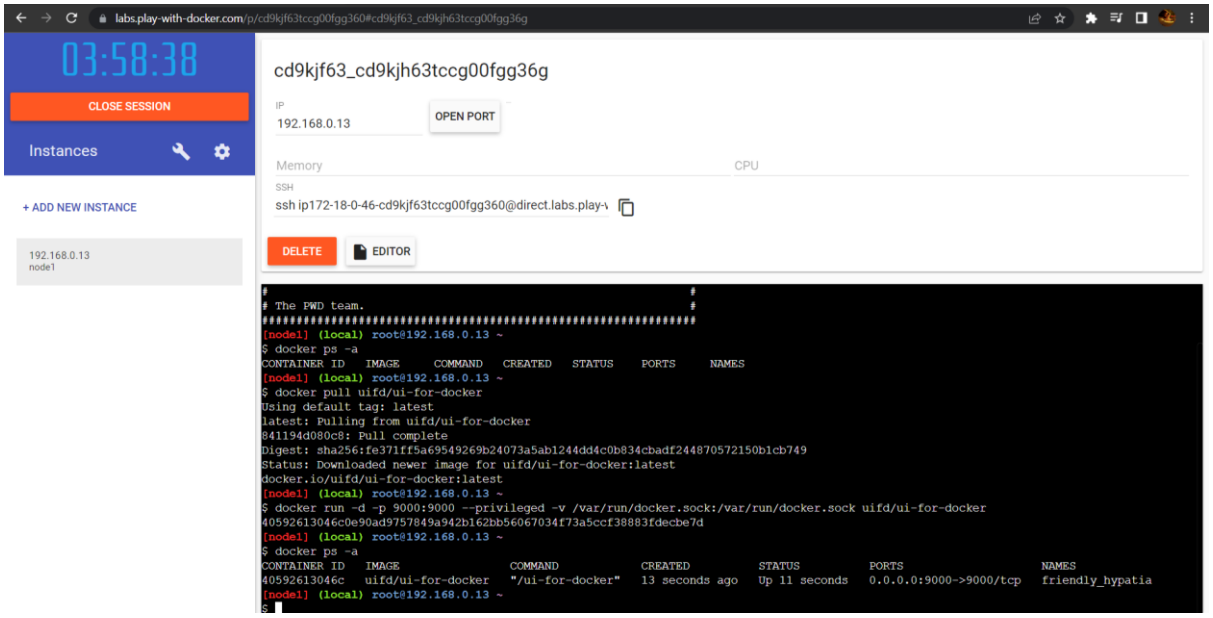
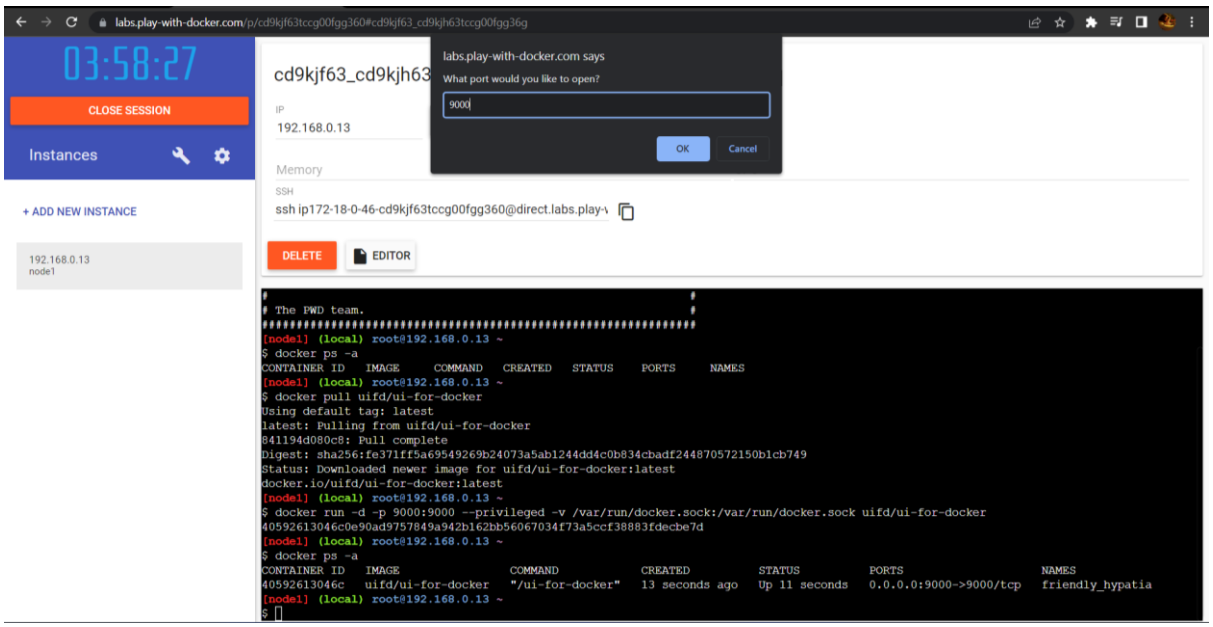
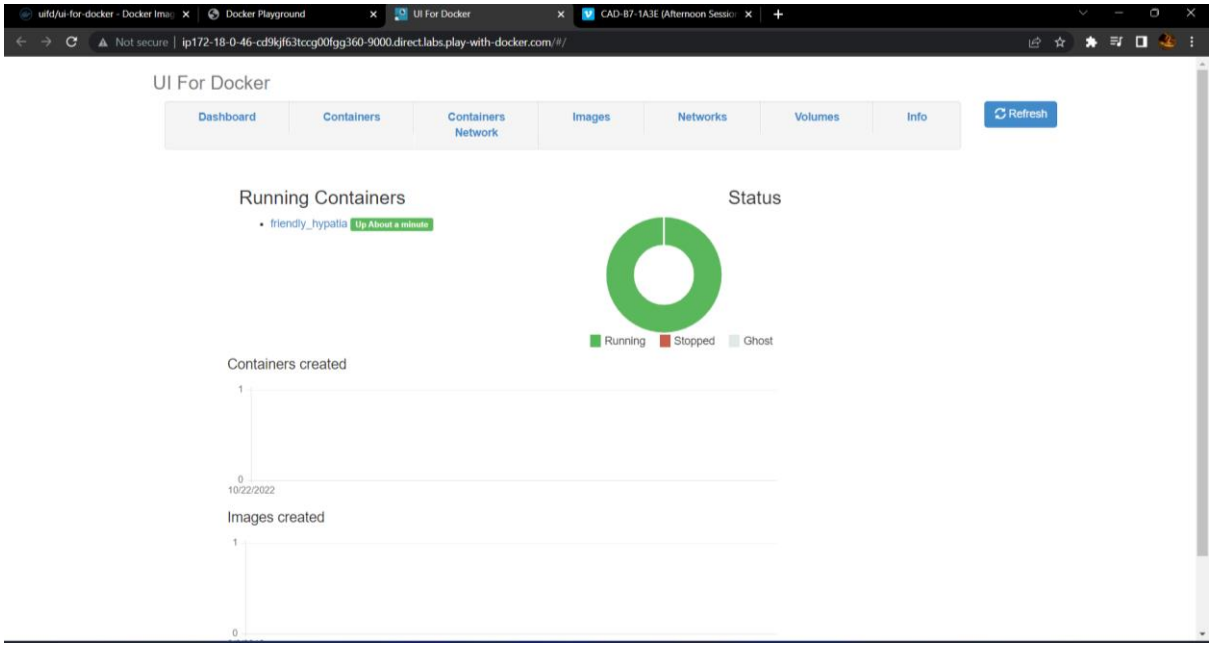
|---|---|
| Date | 20 October 2022 |
| Team ID | PNT2022TMID28027 |
| Project Name | Personal Expense Tracker Application |
| Maximum Marks | 2 Marks |

1.Pull an Image from docker hub and run it in docker playground.






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

**Dockerfile**

FROM python:3.10

WORKDIR /app

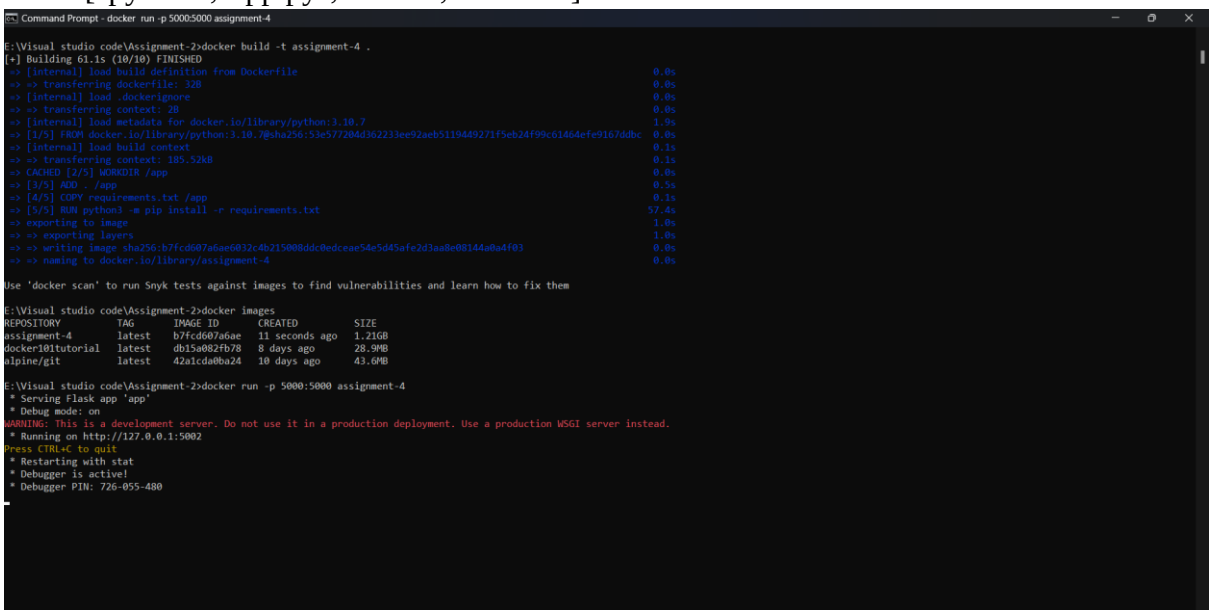
ADD . /app

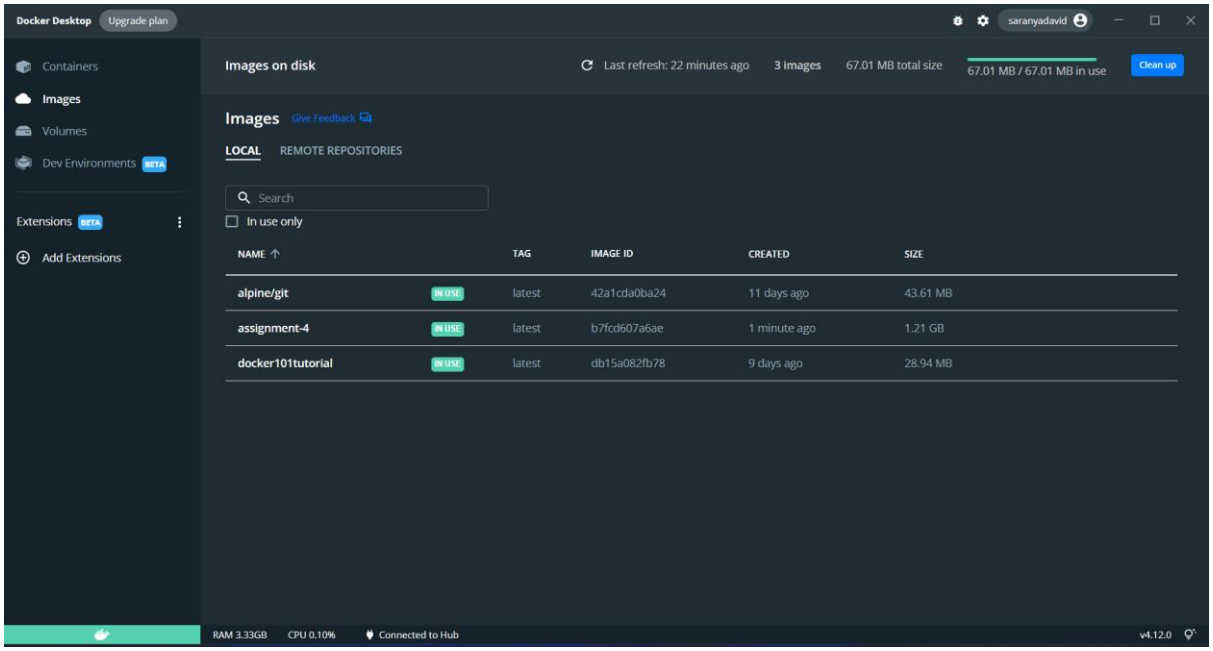
COPY requirements.txt /app

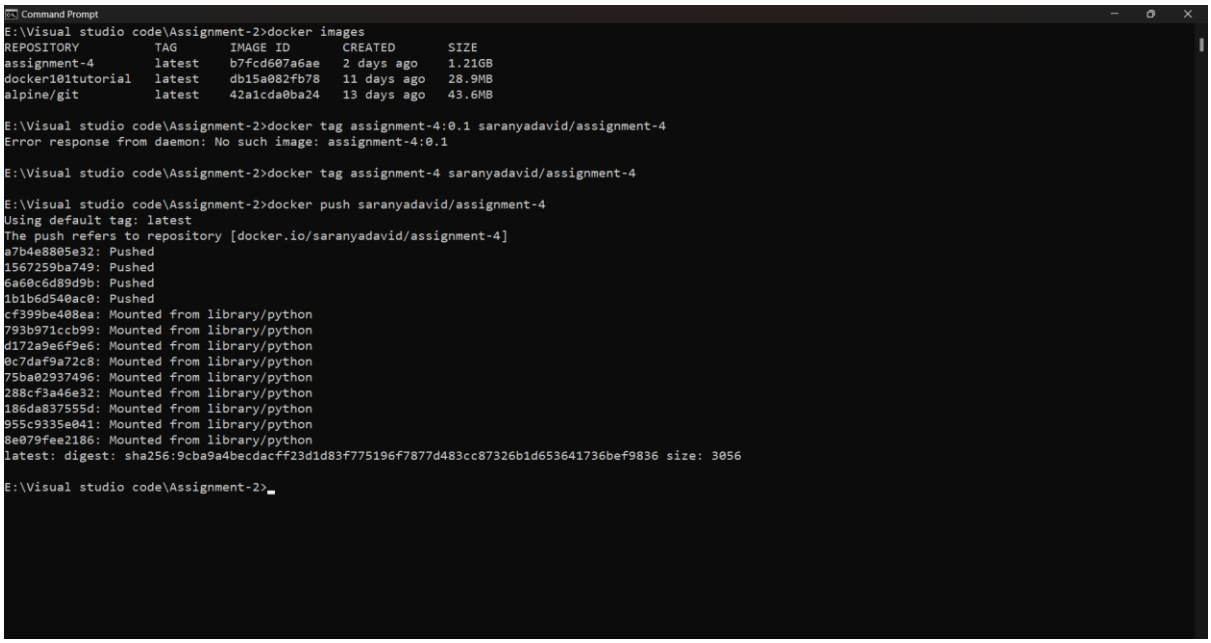
RUN python3 -m pip install -r requirements.txt

EXPOSE 3000

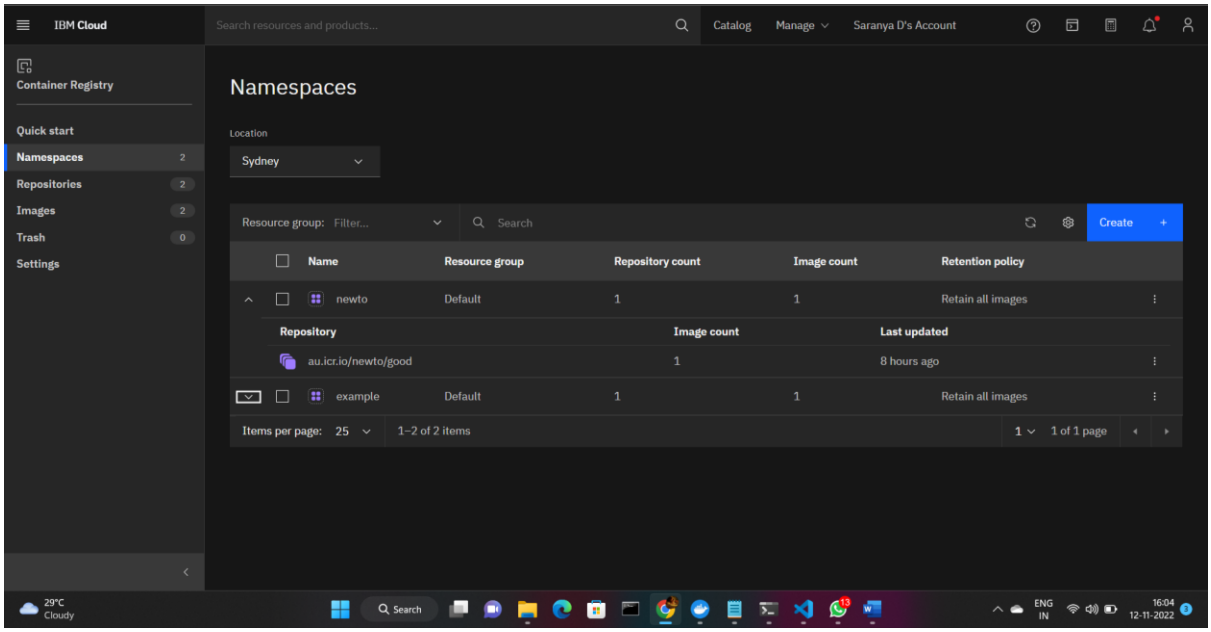
CMD ["python","app.py","--host", "0.0.0.0"]

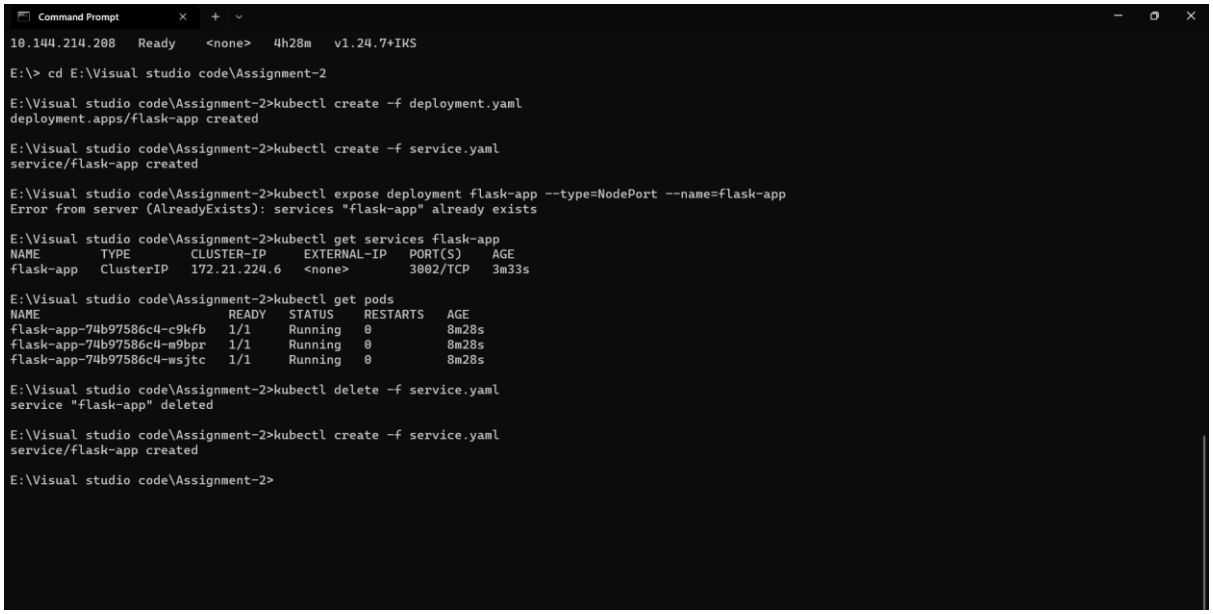


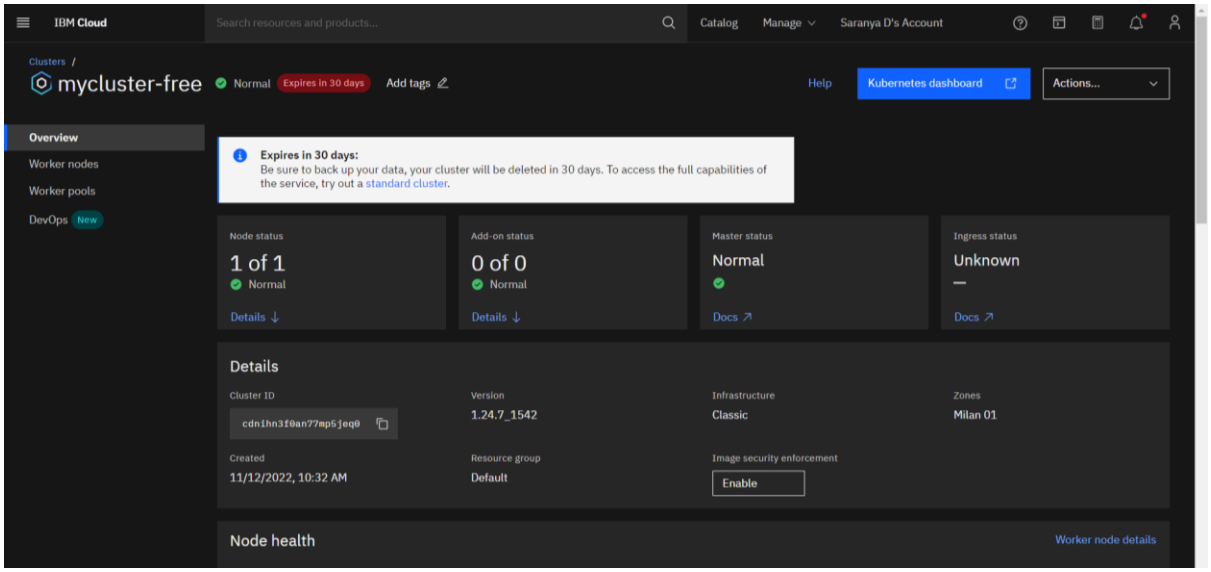

Docker Desktop
Upgrade plan
saranyadavid
Containers
Images
Volumes
Dev Environments
BETA
Extensions
BETA
Add Extensions
Images on disk
Last refresh: 22 minutes ago
3 images
67.01 MB total size
67.01 MB / 67.01 MB in use
Clean up
Images
Give Feedback
LOCAL
REMOTE REPOSITORIES
Search
In use only
NAME
TAG
IMAGE ID
CREATED
SIZE
alpine/git
IN USE
latest
42a1cda0ba24
11 days ago
43.61 MB
assignment-4
IN USE
latest
b7fcd607a6ae
1 minute ago
1.21 GB
docker101tutorial
IN USE
latest
db15a082fb78
9 days ago
28.94 MB
RAM 3.33GB
CPU 0.10%
Connected to Hub
v4.12.0

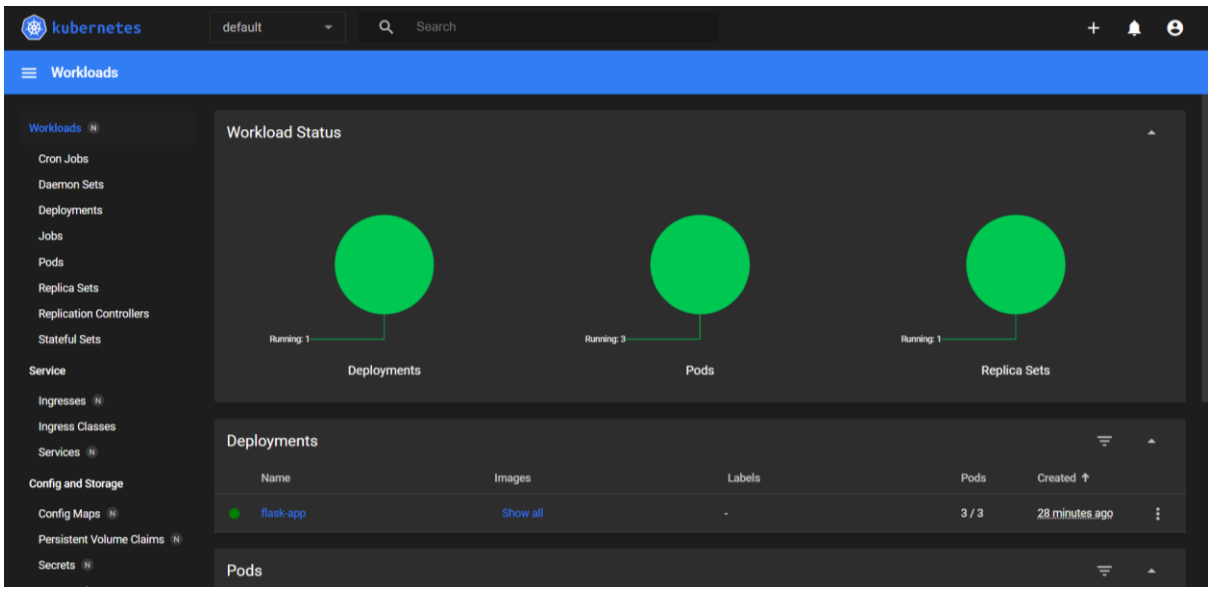

Command Prompt
E:\Visual studio code\Assignment-2>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
assignment-4 latest b7fcd607a6ae 2 days ago 1.21GB
docker101tutorial latest db15a082fb78 11 days ago 28.9MB
alpine/git latest 42a1cda0ba24 13 days ago 43.6MB
E:\Visual studio code\Assignment-2>docker tag assignment-4:0.1 saranyadavid/assignment-4
Error response from daemon: No such image: assignment-4:0.1
E:\Visual studio code\Assignment-2>docker tag assignment-4 saranyadavid/assignment-4
E:\Visual studio code\Assignment-2>docker push saranyadavid/assignment-4
Using default tag: latest
The push refers to repository [docker.io/saranyadavid/assignment-4]
a7b4e8805e32: Pushed
1567259ba749: Pushed
6a60c6d89d9b: Pushed
1b1b6d540ac0: Pushed
cf399be408ea: Mounted from library/python
793b971ccb99: Mounted from library/python
d172a9e6f9e6: Mounted from library/python
0c7daf9a72c8: Mounted from library/python
75ba02937496: Mounted from library/python
288cf3a46e32: Mounted from library/python
186da837555d: Mounted from library/python
955c9335e041: Mounted from library/python
8e079fee2186: Mounted from library/python
latest: digest: sha256:9cba9a4becdacff23d1d83f775196f7877d483cc87326b1d653641736bef9836 size: 3056
E:\Visual studio code\Assignment-2>

3.Create a IBM container registry and deploy helloworld app or jobportalapp.







**Student Registration Portal**

Enter Email ID:

Enter Username:

Enter Password:

Enter Roll number:

submit

**Browser link :** http://169.51.205.62:31955/