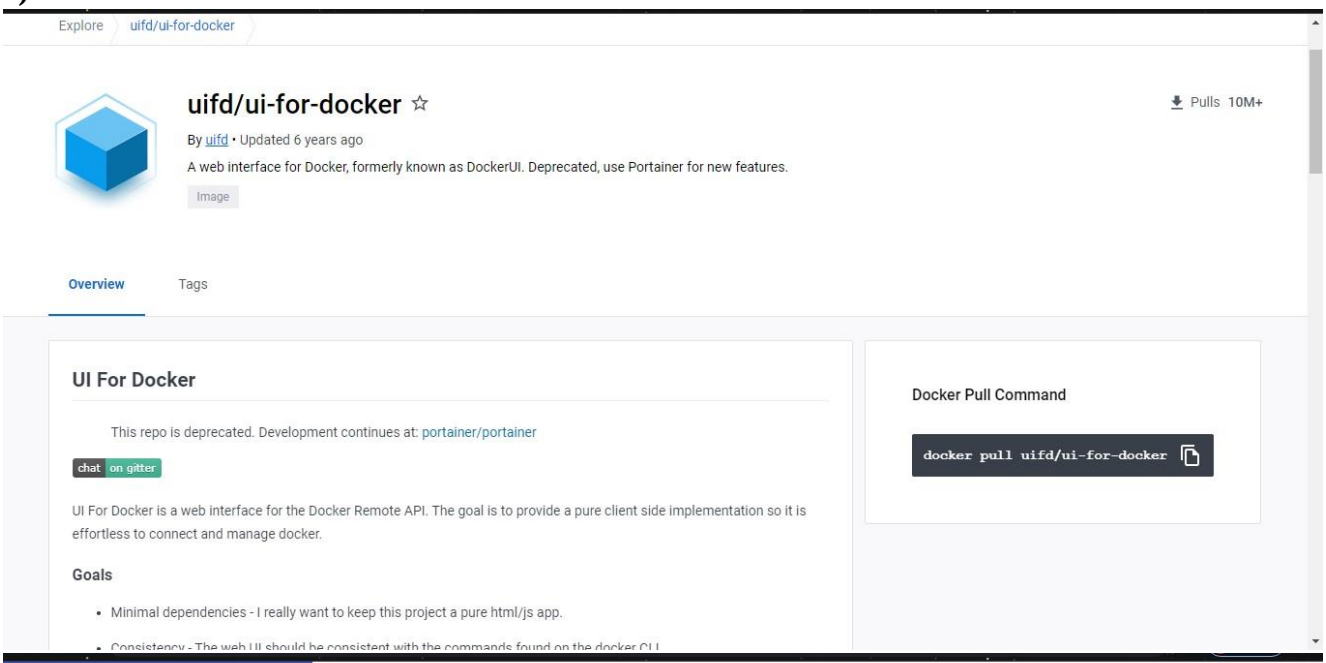
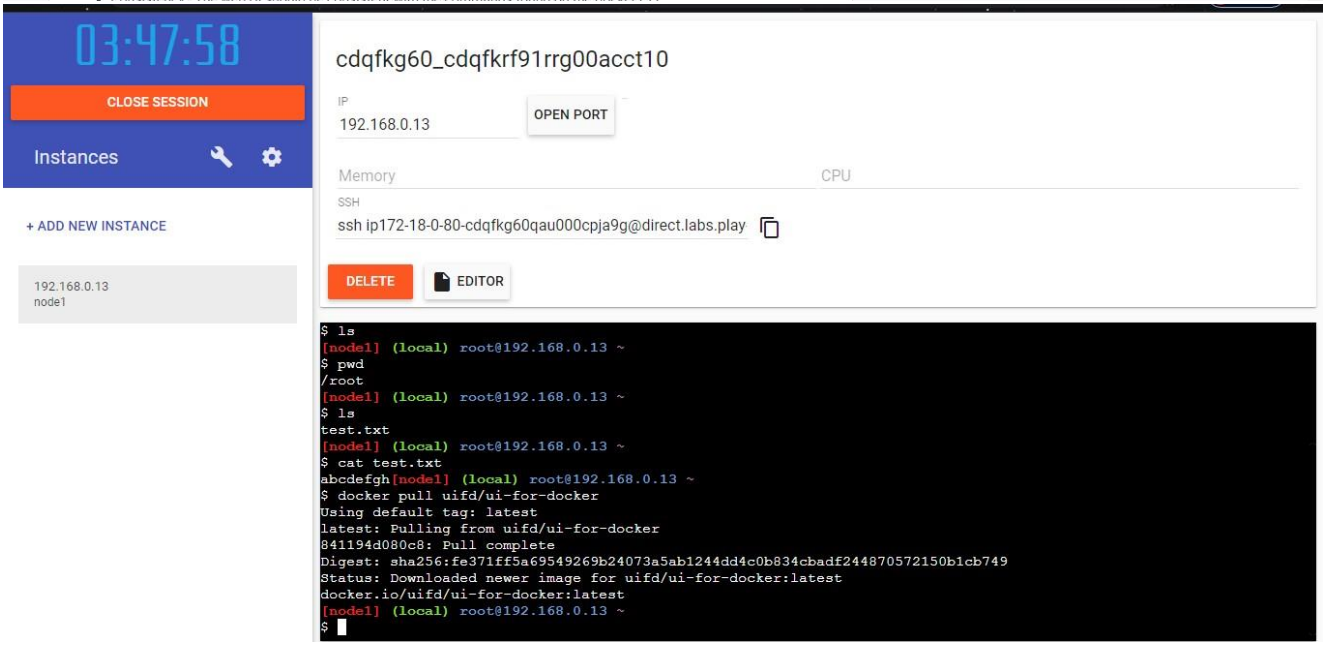
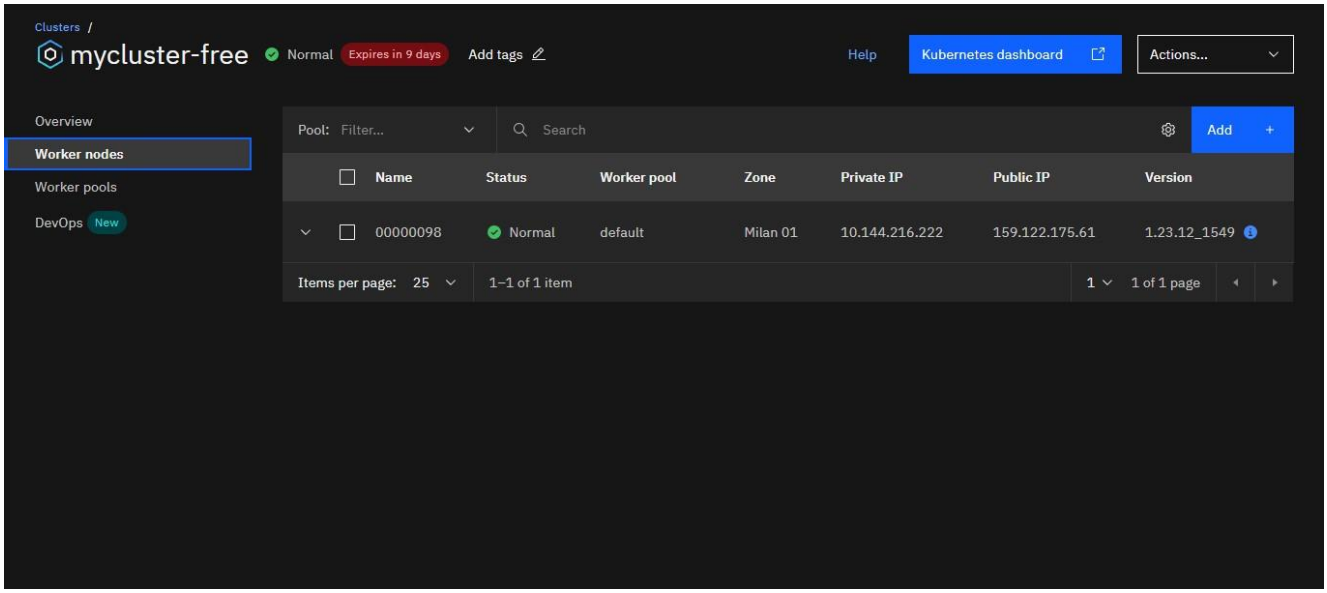
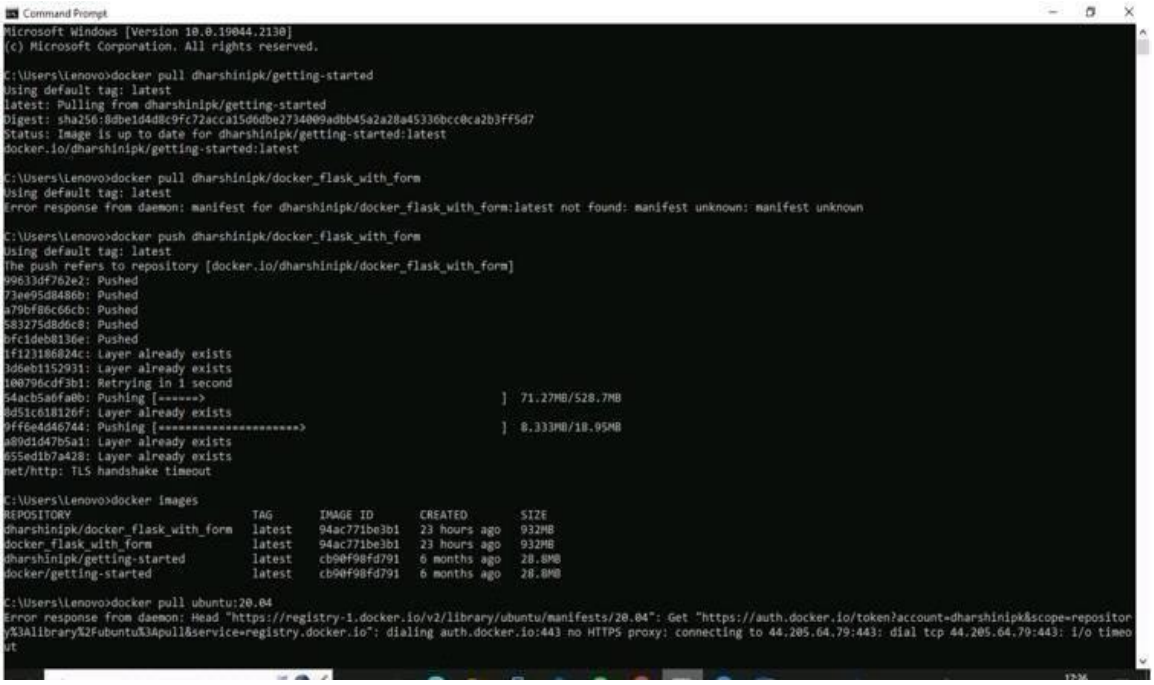
ASSIGNMENT- 4

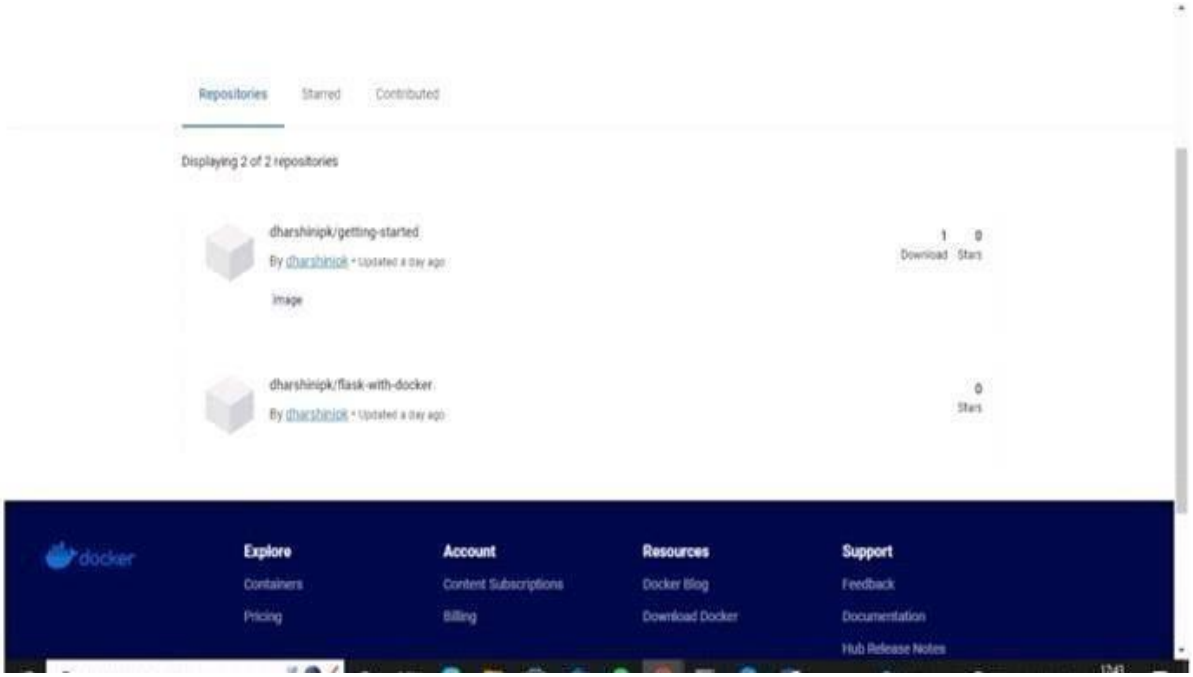
1)

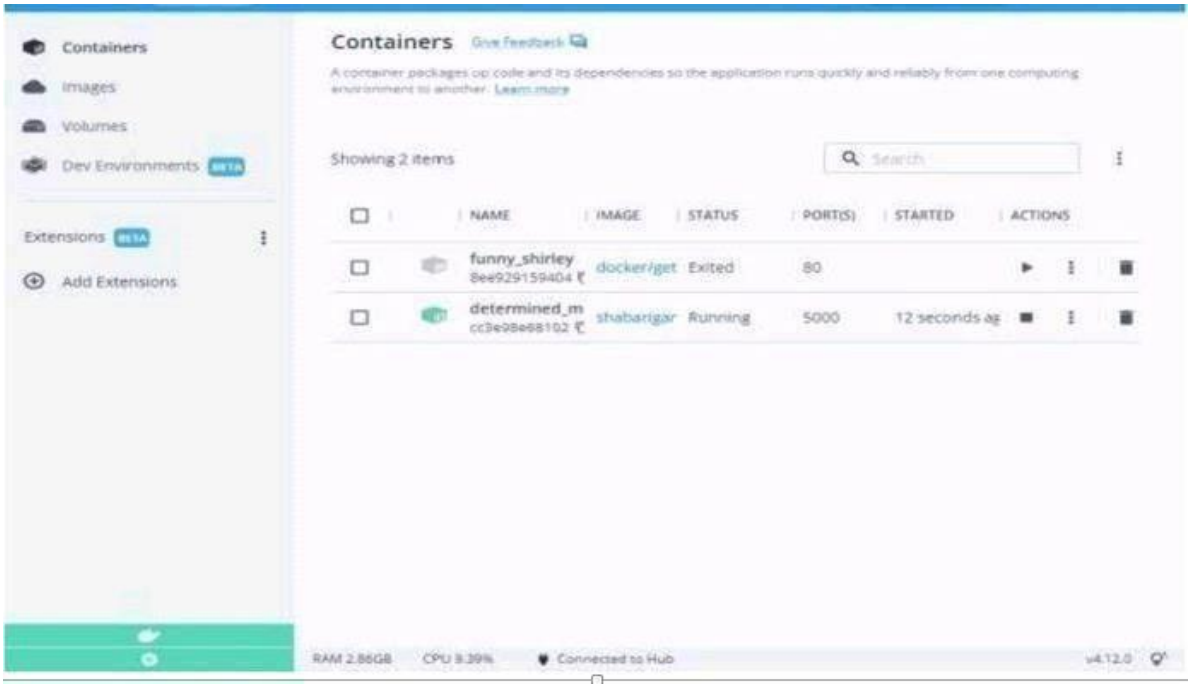




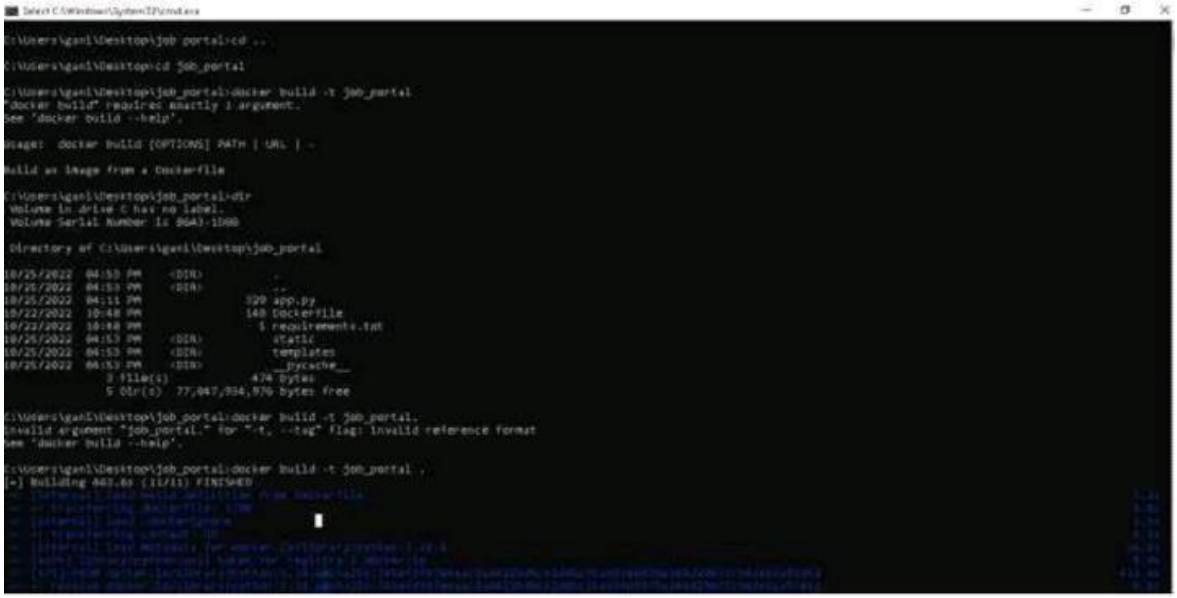

Clusters /
mycluster-free
Normal
Expires in 9 days
Add tags
Help
Kubernetes dashboard
Actions...
Overview
Worker nodes
Worker pools
DevOps
New
Pool: Filter...
Search
Add
Name
Status
Worker pool
Zone
Private IP
Public IP
Version
00000098
Normal
default
Milan 01
10.144.216.222
159.122.175.61
1.23.12_1549
Items per page: 25
1–1 of 1 item
1
1 of 1 page


Command Prompt
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Lenovo>docker pull dharshinipk/getting-started
Using default tag: latest
latest: Pulling from dharshinipk/getting-started
Digest: sha256:8dbe1d4d8c9fc72acca15d6dbe2734009adbb45a2a28a45336bcc0ca2b3ff5d7
Status: Image is up to date for dharshinipk/getting-started:latest
docker.io/dharshinipk/getting-started:latest
C:\Users\Lenovo>docker pull dharshinipk/docker_flask_with_form
Using default tag: latest
Error response from daemon: manifest for dharshinipk/docker_flask_with_form:latest not found: manifest unknown: manifest unknown
C:\Users\Lenovo>docker push dharshinipk/docker_flask_with_form
Using default tag: latest
The push refers to repository [docker.io/dharshinipk/docker_flask_with_form]
99633df762e2: Pushed
73ee95d8486b: Pushed
a79bf86c66cb: Pushed
583275d8d6c8: Pushed
bfc1deb8136e: Pushed
1f123186824c: Layer already exists
3d6eb1152931: Layer already exists
100796cdf3b1: Retrying in 1 second
54acb5a6fa0b: Pushing [======>] 71.27MB/528.7MB
0d51c618126f: Layer already exists
9ff6e4d46744: Pushing [====================>] 8.333MB/10.95MB
a09d1d47b5a1: Layer already exists
655ed1b7a428: Layer already exists
net/http: TLS handshake timeout
C:\Users\Lenovo>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
dharshinipk/docker_flask_with_form latest 94ac771be3b1 23 hours ago 932MB
docker_flask_with_form latest 94ac771be3b1 23 hours ago 932MB
dharshinipk/getting-started latest cb90f98fd791 6 months ago 28.8MB
docker/getting-started latest cb90f98fd791 6 months ago 28.8MB
C:\Users\Lenovo>docker pull ubuntu:20.04
Error response from daemon: Head "https://registry-1.docker.io/v2/library/ubuntu/manifests/20.04": Get "https://auth.docker.io/token?account=dharshinipk&scope=repository%3Alibrary%2Fubuntu%3Apull&service=registry.docker.io": dialing auth.docker.io:443 no HTTPS proxy: connecting to 44.205.64.79:443: dial tcp 44.205.64.79:443: i/o timeout

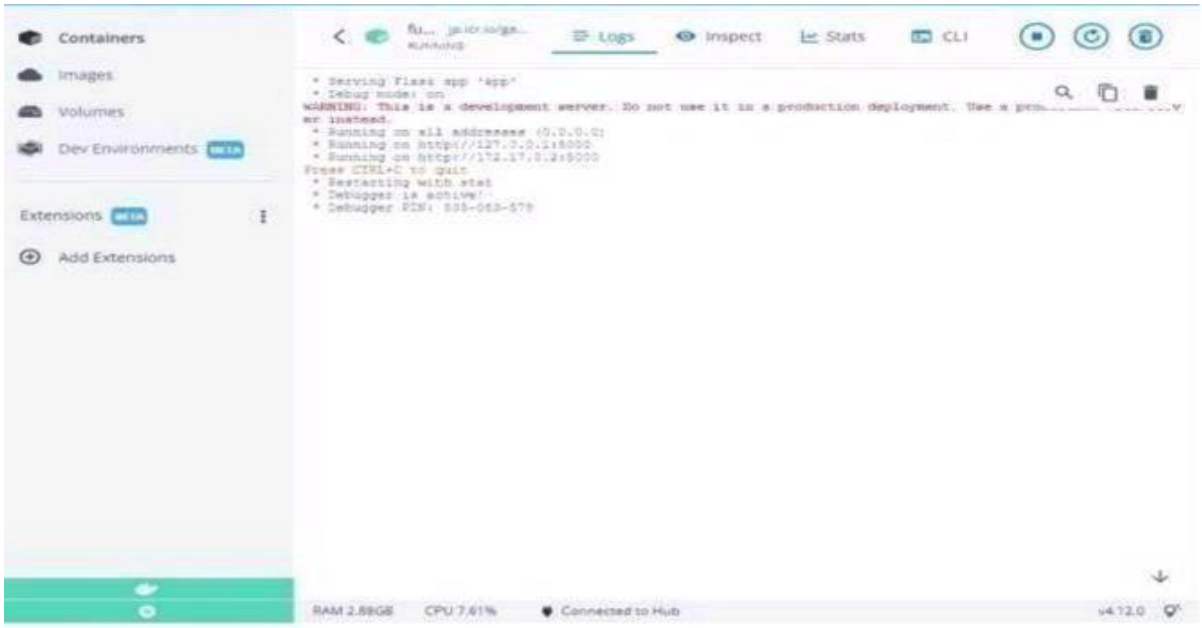

Repositories
Starred
Contributed
Displaying 2 of 2 repositories
dharshinipk/getting-started
By dharshinipk • Updated a day ago
Image
1 Download
0 Stars
dharshinipk/flask-with-docker
By dharshinipk • Updated a day ago
0 Stars
docker
Explore
Containers
Pricing
Account
Content Subscriptions
Billing
Resources
Docker Blog
Download Docker
Support
Feedback
Documentation
Hub Release Notes

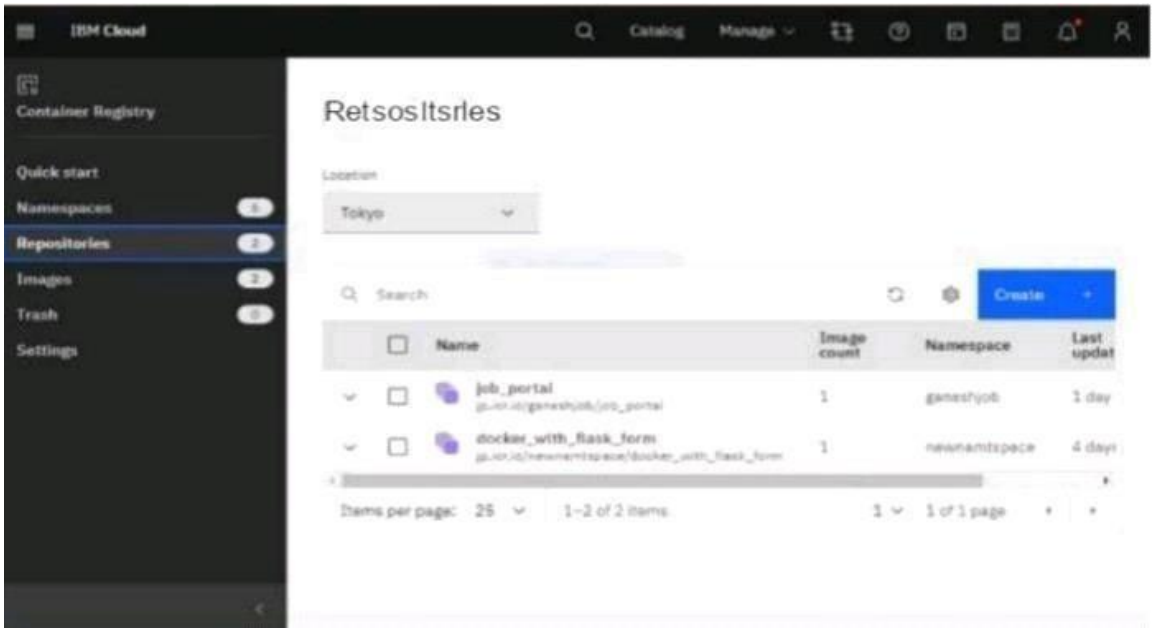

Containers
Images
Volumes
Dev Environments BETA
Extensions BETA
Add Extensions
Containers
Give Feedback
A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more
Showing 2 items
Search
NAME
IMAGE
STATUS
PORT(S)
STARTED
ACTIONS
funny_shirley
8ee929159404
docker/get
Exited
80
determined_m
cc3e98e68102
shabarigar
Running
5000
12 seconds ag
RAM 2.86GB
CPU 9.39%
Connected to Hub
v4.12.0

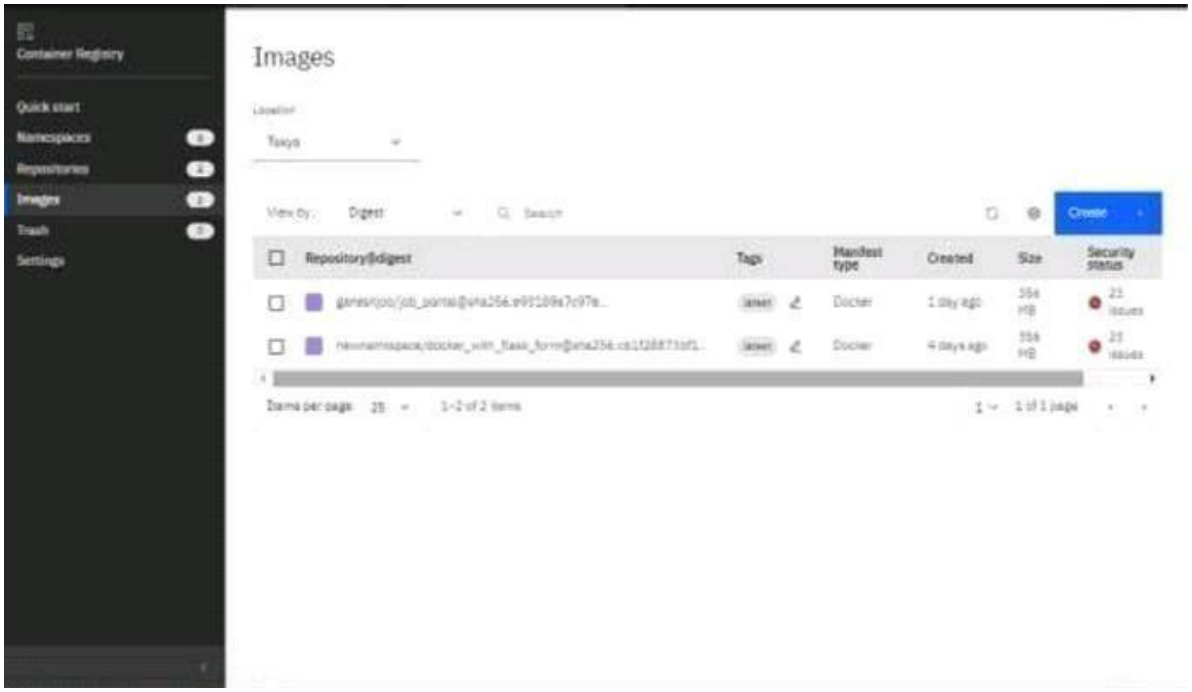
Deploy in docker application

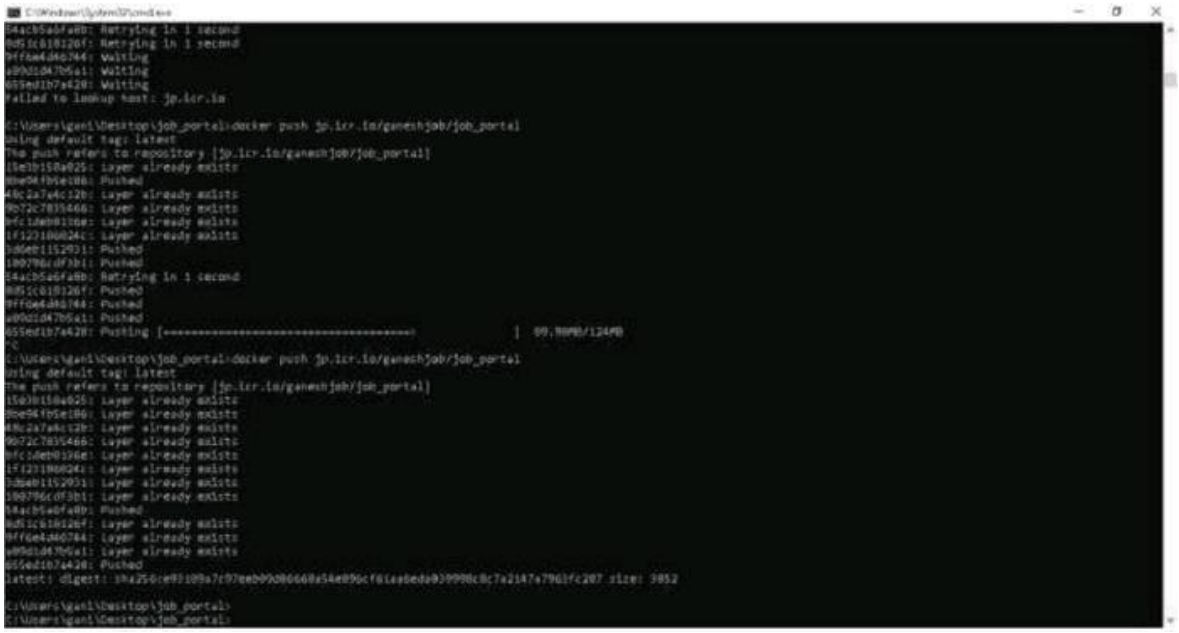


Running in docker desktop

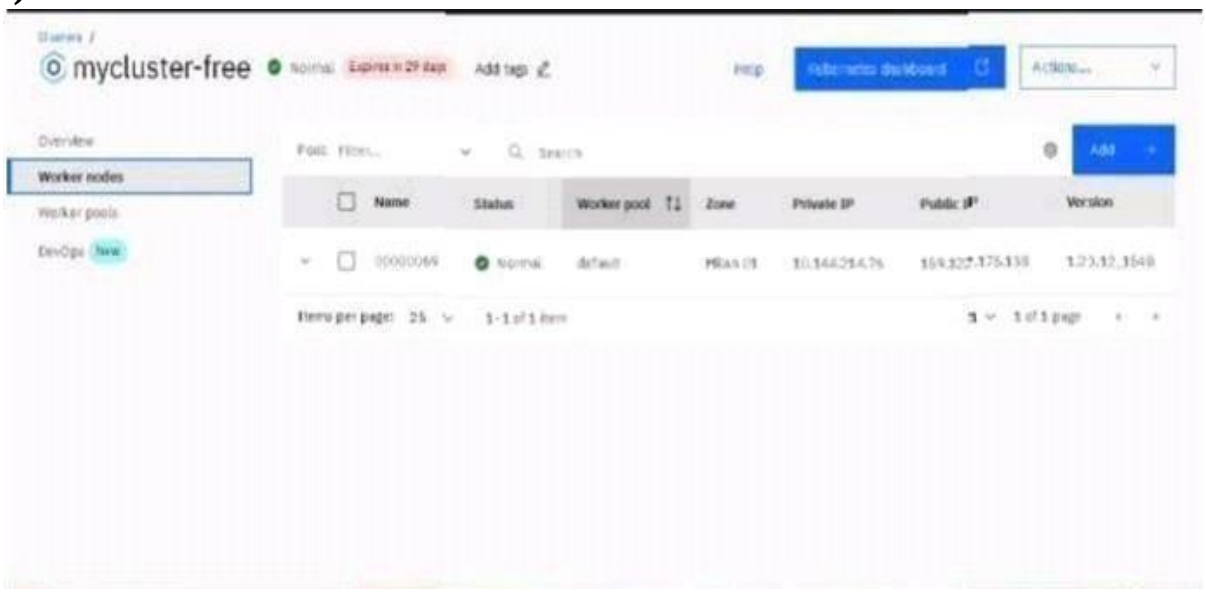

Containers
Images
Volumes
Dev Environments
Extensions
Add Extensions
Logs
Inspect
Stats
CLI
RAM 2.88GB
CPU 7.61%
Connected to Hub
v4.12.0


IBM Cloud
Catalog
Manage
Container Registry
Quick start
Namespaces
Repositories
Images
Trash
Settings
RetsosItsrles
Location
Tokyo
Search
Create
Name
Image count
Namespace
job_portal
1
ganeshjob
1 day
docker_with_flask_form
1
4 days
Items per page: 25
1-2 of 2 items
1 of 1 page

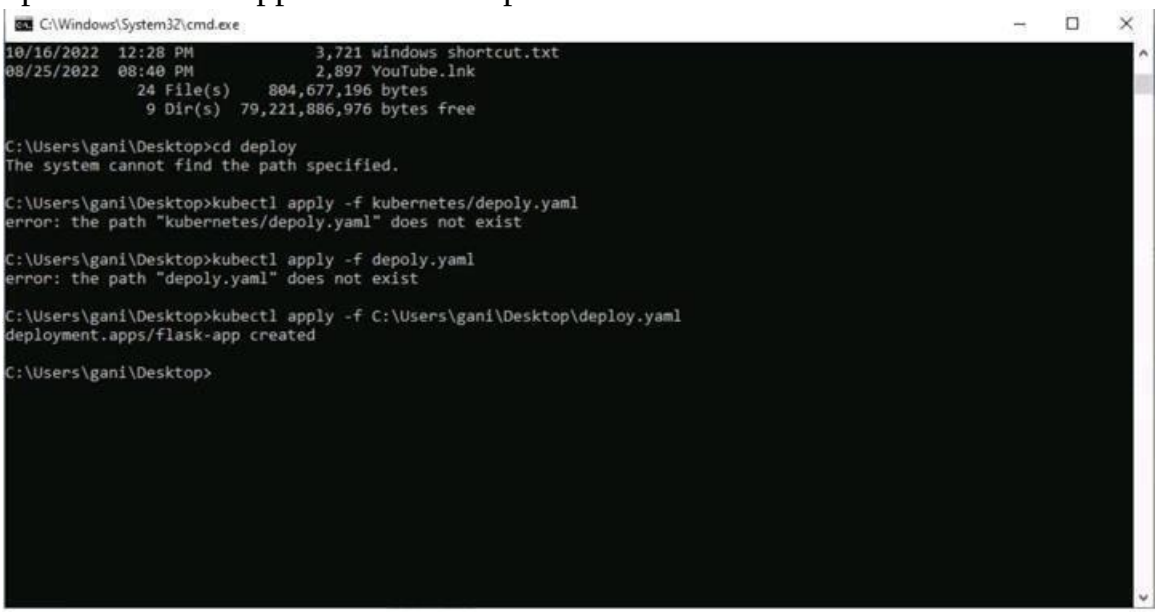

Container Registry
Quick start
Namespaces
Repositories
Images
Trash
Settings
Images
Location
Tokyo
View by:
Digest
Search
Create
Repository@digest
Tags
Manifest type
Created
Size
Security status
Docker
1 day ago
356 MB
23 issues
Docker
4 days ago
356 MB
23 issues
Items per page
25
1-2 of 2 items
1 of 1 page

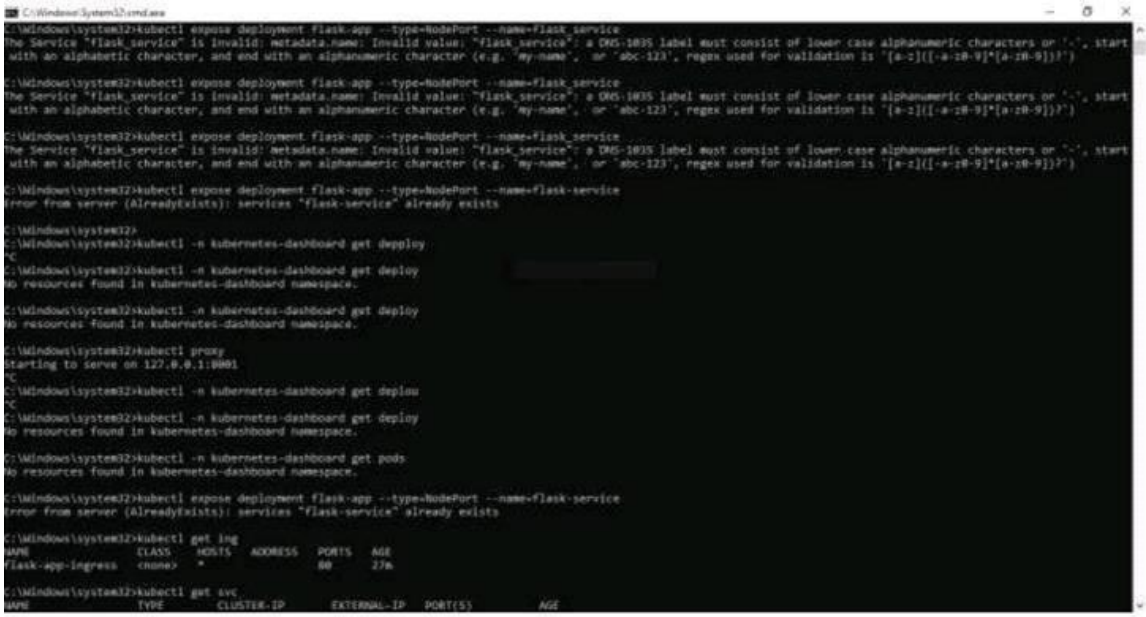

54acb5a6fa8b: Retrying in 1 second
0d51c618126f: Retrying in 1 second
9ff6e4d46744: Waiting
a09d1d47b5a1: Waiting
655ed1b7a428: Waiting
failed to lookup host: jp.icr.io
C:\Users\gani\Desktop\job_portal>docker push jp.icr.io/ganeshjob/job_portal
Using default tag: latest
The push refers to repository [jp.icr.io/ganeshjob/job_portal]
15e3b158a025: Layer already exists
8be94fb5e186: Pushed
48c2a7a4c12b: Layer already exists
9b72c7835466: Layer already exists
bfc1deb0136e: Layer already exists
1f123180824c: Layer already exists
3d6eb1152931: Pushed
100796cdf3b1: Pushed
54acb5a6fa8b: Retrying in 1 second
0d51c618126f: Pushed
9ff6e4d46744: Pushed
a09d1d47b5a1: Pushed
655ed1b7a428: Pushing [==========] 99.98MB/124MB
^C
C:\Users\gani\Desktop\job_portal>docker push jp.icr.io/ganeshjob/job_portal
Using default tag: latest
The push refers to repository [jp.icr.io/ganeshjob/job_portal]
15e3b158a025: Layer already exists
8be94fb5e186: Layer already exists
48c2a7a4c12b: Layer already exists
9b72c7835466: Layer already exists
bfc1deb0136e: Layer already exists
1f123180824c: Layer already exists
3d6eb1152931: Layer already exists
100796cdf3b1: Layer already exists
54acb5a6fa8b: Pushed
0d51c618126f: Layer already exists
9ff6e4d46744: Layer already exists
a09d1d47b5a1: Layer already exists
655ed1b7a428: Pushed
latest: digest: sha256:e93109a7c97eeb09d86668a54e096cf61aabeda039998c8c7a2147a796bfc207 size: 3852
C:\Users\gani\Desktop\job_portal>
C:\Users\gani\Desktop\job_portal>

4)



Expose the same app to run in noteport




C:\Windows\System32\cmd.exe
C:\Windows\system32>kubectl expose deployment flask-app --type=NodePort --name=flask_service
The Service "flask_service" is invalid: metadata.name: Invalid value: "flask_service": a DNS-1035 label must consist of lower case alphanumeric characters or '-', start with an alphabetic character, and end with an alphanumeric character (e.g. 'my-name', or 'abc-123', regex used for validation is '[a-z]([-a-z0-9]*[a-z0-9])?')
C:\Windows\system32>kubectl expose deployment flask-app --type=NodePort --name=flask_service
The Service "flask_service" is invalid: metadata.name: Invalid value: "flask_service": a DNS-1035 label must consist of lower case alphanumeric characters or '-', start with an alphabetic character, and end with an alphanumeric character (e.g. 'my-name', or 'abc-123', regex used for validation is '[a-z]([-a-z0-9]*[a-z0-9])?')
C:\Windows\system32>kubectl expose deployment flask-app --type=NodePort --name=flask_service
The Service "flask_service" is invalid: metadata.name: Invalid value: "flask_service": a DNS-1035 label must consist of lower case alphanumeric characters or '-', start with an alphabetic character, and end with an alphanumeric character (e.g. 'my-name', or 'abc-123', regex used for validation is '[a-z]([-a-z0-9]*[a-z0-9])?')
C:\Windows\system32>kubectl expose deployment flask-app --type=NodePort --name=flask-service
Error from server (AlreadyExists): services "flask-service" already exists
C:\Windows\system32>
C:\Windows\system32>kubectl -n kubernetes-dashboard get dwpploy
^C
C:\Windows\system32>kubectl -n kubernetes-dashboard get deploy
No resources found in kubernetes-dashboard namespace.
C:\Windows\system32>kubectl -n kubernetes-dashboard get deploy
No resources found in kubernetes-dashboard namespace.
C:\Windows\system32>kubectl proxy
Starting to serve on 127.0.0.1:8001
^C
C:\Windows\system32>kubectl -n kubernetes-dashboard get deplou
^C
C:\Windows\system32>kubectl -n kubernetes-dashboard get deploy
No resources found in kubernetes-dashboard namespace.
C:\Windows\system32>kubectl -n kubernetes-dashboard get pods
No resources found in kubernetes-dashboard namespace.
C:\Windows\system32>kubectl expose deployment flask-app --type=NodePort --name=flask-service
Error from server (AlreadyExists): services "flask-service" already exists
C:\Windows\system32>kubectl get ing
NAME CLASS HOSTS ADDRESS PORTS AGE
flask-app-ingress <none> * 80 27m
C:\Windows\system32>kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE