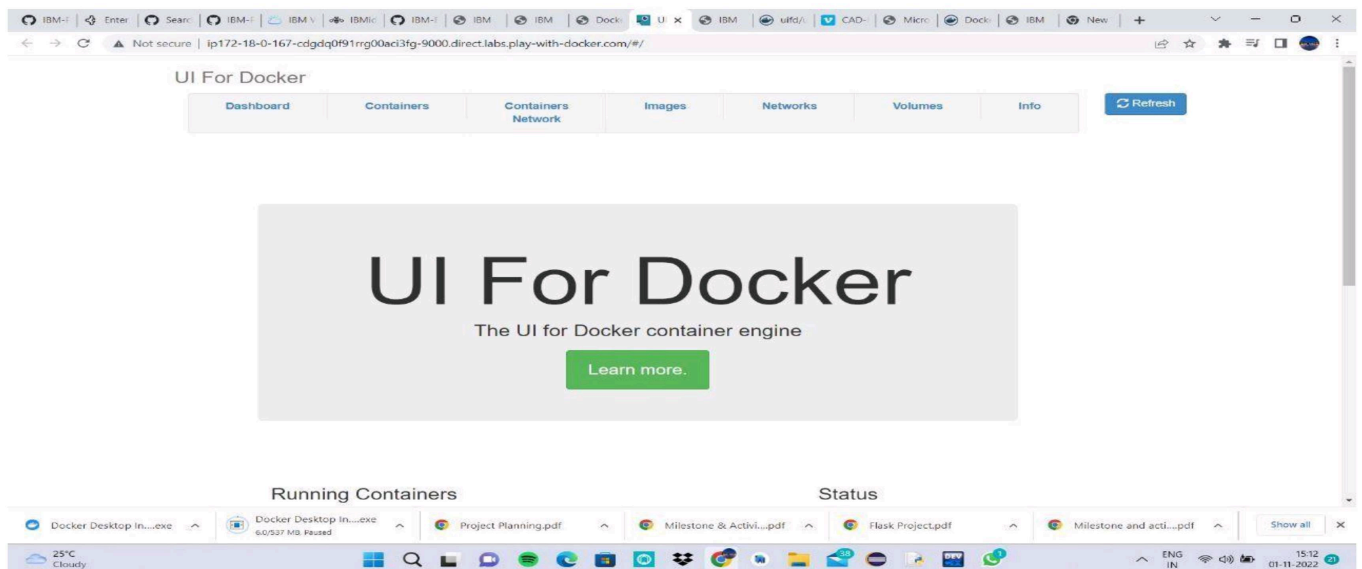
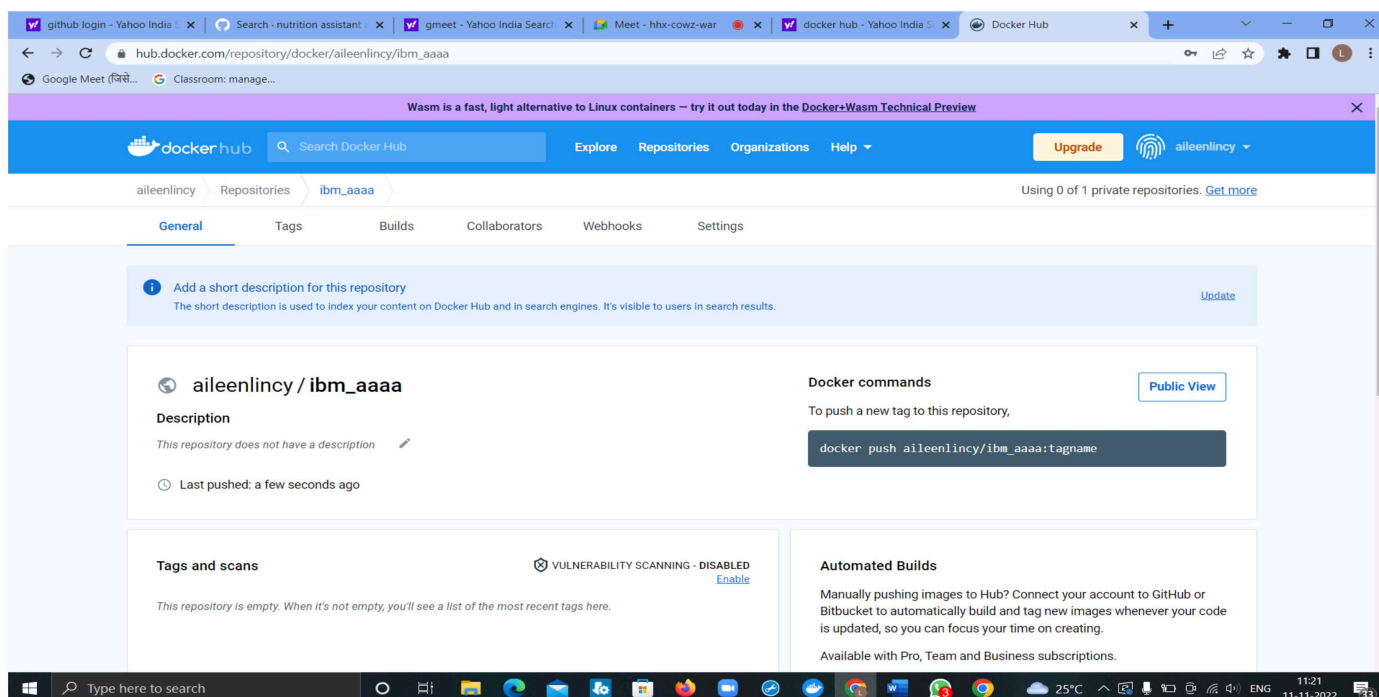


ASSIGNMENT-4

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





02:58:42

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdgdq0f9_cdgdqn791rrg00aci3gg

IP
192.168.0.28

OPEN PORT

Memory

CPU

SSH
ssh ip172-18-0-167-cdgdq0f91rrg00aci3gg@direct.labs.play-

DELETE

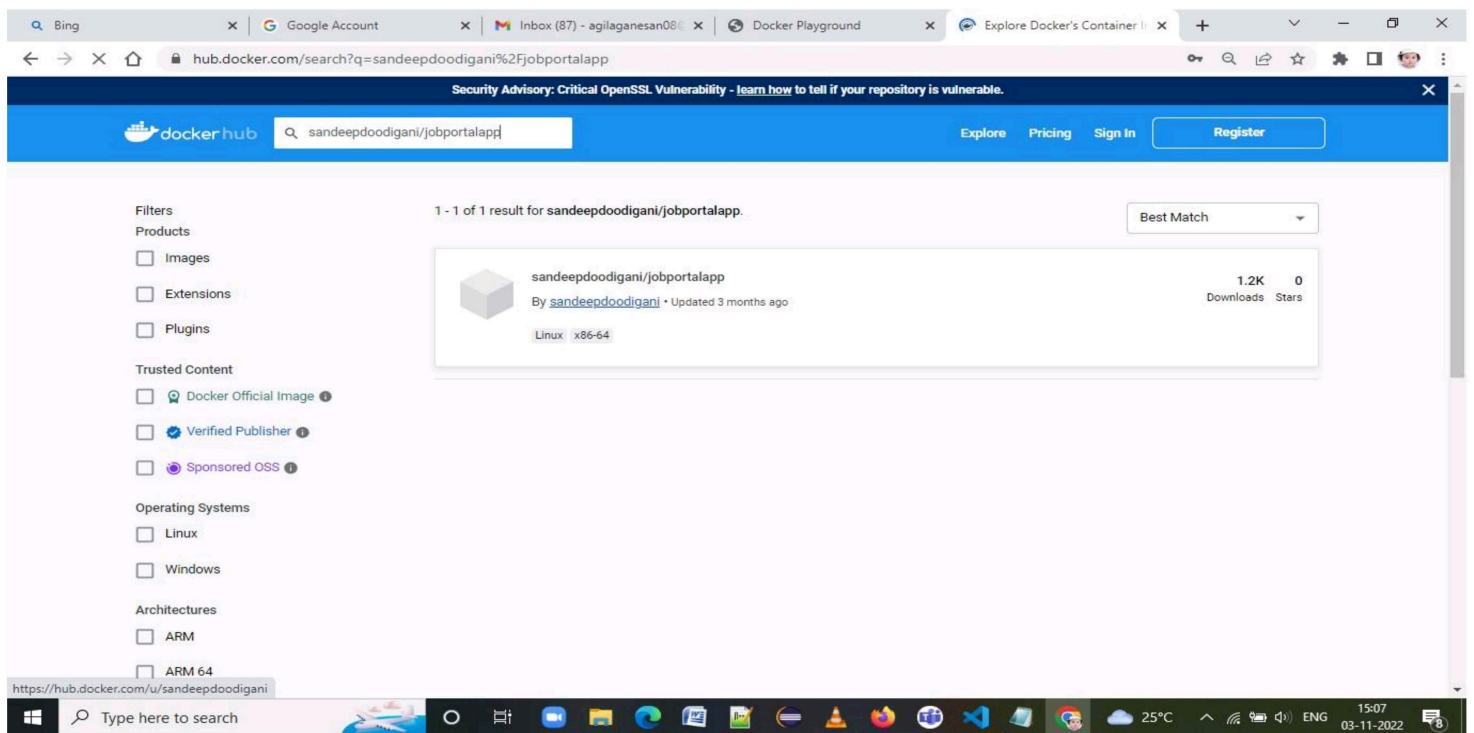
EDITOR

Error response from daemon: error creating temporary lease: write /var/lib/docker/containerd/daemon/io.containerd.metadata.v1.bolt/met
a.db: no space left on device: unknown
(node1) (local) root@192.168.0.28 ~
\$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
(node1) (local) root@192.168.0.28 ~
\$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
0dflb76d07913e2d79c3d832870dd24bf0fd071955b4149780d1345c9037ce3
(node1) (local) root@192.168.0.28 ~
\$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
93a745dd29e711d8e081fdba57b9423bec9802acda9c26c940a2a34559815fb8
docker: Error response from daemon: driver failed programming external connectivity on endpoint magical_solomon (12cfff6b03b16e3d4c8e44
366093222665a625e648496ecf3e0ecddeab962541a): Bind for 0.0.0.0:9000 failed: port is already allocated.
(node1) (local) root@192.168.0.28 ~
\$

IBM SPRINT PLA...docx Docker Desktop In...exe Docker Desktop In...exe 6/0/327 MB, Paused Project Planning.pdf Milestone & Activi...pdf Flask Project.pdf Show all X

25°C Cloudy ENG IN 15:18 01-11-2022

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



03:46:53

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.13
node1

cdhojpu0_cdhokt63tccg00fmt3n0

IP
192.168.0.13

OPEN PORT

Memory
31.99% (1.25GiB / 3.906GiB)

CPU
121.91%

SSH
ssh ip172-18-0-15-cdhojpu0qau0008f9650@direct.labs.play

DELETE EDITOR

```
[node1] (local) root@192.168.0.13 ~
$ docker pull sandeepdoodigani/jobportalapp
Using default tag: latest
latest: Pulling from sandeepdoodigani/jobportalapp
0c29946d541e: Pull complete
9b829c73b52b: Pull complete
cb5b7ae36172: Pull complete
6494e4811622: Pull complete
6f9f74896dfe: Pull complete
5e3b1213efc5: Pull complete
9fddfd5e6334: Pull complete
404f02044bac: Pull complete
c4f42be2be53: Pull complete
296c00c0db64e: Pull complete
86df5f9cfbe4: Pull complete
b0a57da07333: Pull complete
96d7444156fd: Pull complete
778a951e5719: Pull complete
Digest: sha256:e8590bc86f5d2ef2f85536f570fe49a5fec2893ebfd146f5aa63d0de9f9bdd24
Status: Downloaded newer image for sandeepdoodigani/jobportalapp:latest
docker.io/sandeepdoodigani/jobportalapp:latest
[node1] (local) root@192.168.0.13 ~
$
```

Type here to search

25°C

15:12
03-11-2022

03:40:13

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.13
node1

cdhojpu0_cdhokt63tccg00fmt3n0

IP: 192.168.0.13 OPEN PORT

Memory: 30.37% (1.186GiB / 3.906GiB) CPU: 0.38%

SSH: ssh ip172-18-0-15-cdhojpu0qau0008f9650@direct.labs.play

DELETE EDITOR

```
86df5f9cfbe4: Pull complete
b0a57da07333: Pull complete
96d74d4156fd: Pull complete
778a951e5719: Pull complete
Digest: sha256:e8590bc665d2ef2f85536f570fe49a5fec2893ebfd146f5aa63dcd9f9bdd24
Status: Downloaded newer image for sandeepdoodigani/jobportalapp:latest
docker.io/sandeepdoodigani/jobportalapp:latest
(node1) (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
"docker pull" requires exactly 1 argument.
See 'docker pull --help'.

Usage: docker pull [OPTIONS] NAME[:TAG|@DIGEST]

Pull an image or a repository from a registry
(node1) (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
(node1) (local) root@192.168.0.13 ~
$
```

Type here to search

25°C 15:18 03-11-2022

03:36:07

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdhtr8m3_cdhtrsv91rrg00a0uhdg

IP
192.168.0.28

OPEN PORT
8080 9000

Memory
32.18% (1.257GiB / 3.906GiB)

CPU
0.25%

SSH
ssh ip172-18-0-29-cdhtr8m3tccg00fmgjig@direct.labs.play-

DELETE EDITOR

```
[model] (local) root@192.168.0.28 ~
$ docker run -p 8080:8080 sandeepdoodigani/jobportalapp
* Serving Flask app 'app' (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.3:8080/ (Press CTRL+C to quit)
172.18.0.1 - - [03/Nov/2022 15:48:02] "GET / HTTP/1.1" 200 -
172.18.0.1 - - [03/Nov/2022 15:48:03] "GET /css/style.css HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:48:03] "GET /static/img/smartinternz.png HTTP/1.1" 200 -
172.18.0.1 - - [03/Nov/2022 15:48:09] "GET /assets/img/favicon-32x32.png HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:48:25] "GET /login HTTP/1.1" 200 -
172.18.0.1 - - [03/Nov/2022 15:48:28] "GET /css/style.css HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:48:28] "GET /static/img/smartinternz.png HTTP/1.1" 304 -
172.18.0.1 - - [03/Nov/2022 15:48:48] "GET /register HTTP/1.1" 200 -
172.18.0.1 - - [03/Nov/2022 15:48:49] "GET /static/img/smartinternz.png HTTP/1.1" 304 -
172.18.0.1 - - [03/Nov/2022 15:48:49] "GET /css/style.css HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:49:35] "GET /contact.html HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:49:36] "GET /favicon.ico HTTP/1.1" 404 -
```

Type here to search

24°C 21:20 03-11-2022

Mission

Vission

Objective

JobPortal

Get in Touch

- jobportal@gmail.com
- +91 8977787657



Login Form

Login

Don't have an account yet? Click here to [register!](#)

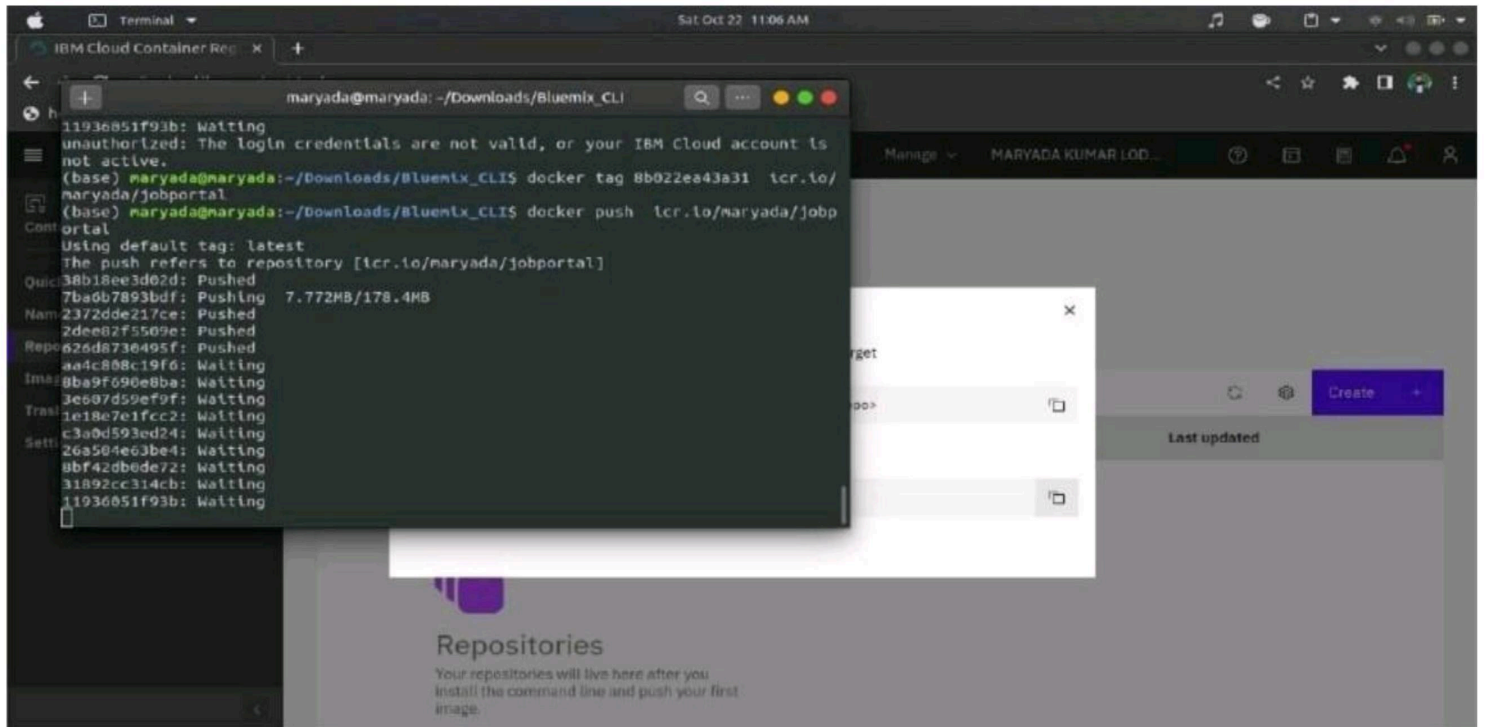


Register Form

Register

already have an account ? please login [login!](#)

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



IBM Cloud

Search resources and products...

Catalog

Manage

MARYADA KUMAR LOD...

Container Registry

Quick start

Namespaces 0

Repositories 0

Images 0

Trash 0

Settings

Repositories

Location

Global

Search

Create

| Name | Image count | Namespace | Last updated |
|--|-------------|-----------|--------------|
| <div><div></div><div>Repositories</div><div>Your repositories will live here after you install the command line and push your first image.</div></div> | | | |

IBM Cloud

Container Registry

Quick start

Namespaces1

Repositories1

Images1

Trash0

Settings

Search resources and products...


CatalogManageMARYADA KUMAR LOD...

Repositories

LocationGlobal

Search

Create

| | Name | Image count | Namespace | Last updated |
|--|--|-------------|-----------|--------------|
| |  jobportal <small>ic.in/maryada/jobportal</small> | 1 | maryada | 1 hour ago |

Items per page: 251-1 of 1 item11 of 1 page

4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or job portal image and also expose the same app to run in nodeport.

