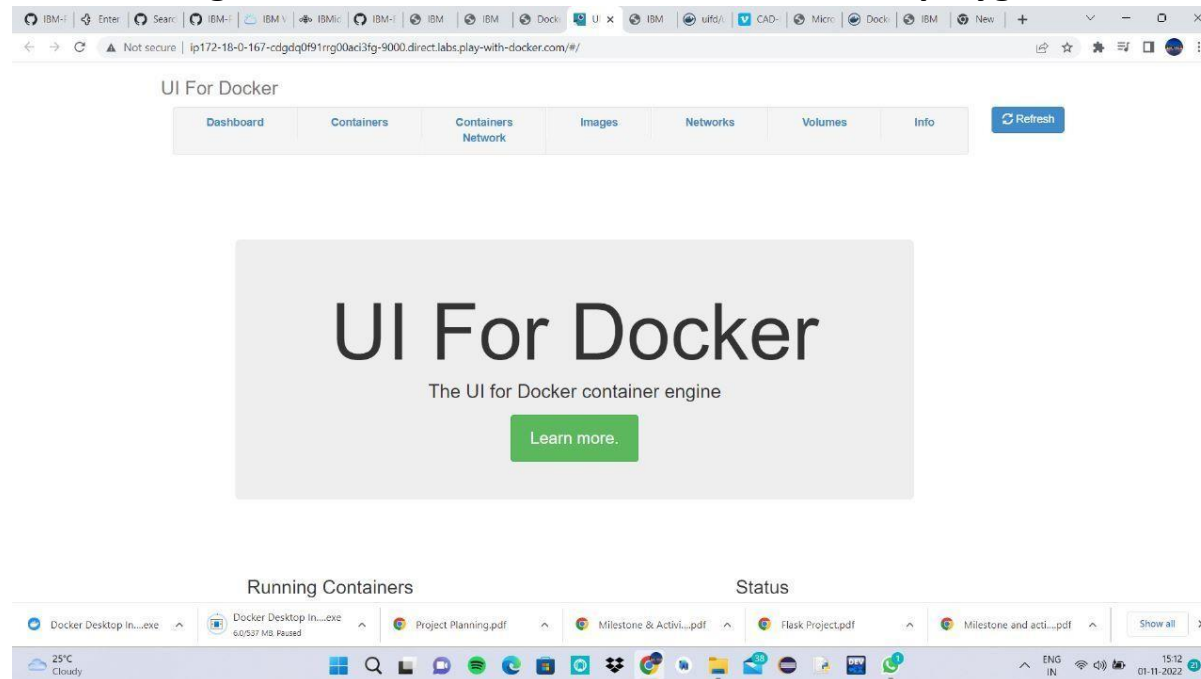


ASSIGNMENT-4

Assignment Date	10 October 2022
Student Name	Sugumar P
Student Roll Number	61771921048
Maximum Marks	2 Marks

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



The image is a screenshot of a web browser displaying the Docker Hub page for the repository 'uifd/ui-for-docker'. The browser's address bar shows the URL 'hub.docker.com/r/uifd/ui-for-docker'. The page header includes navigation links like 'Explore' and 'uifd/ui-for-docker'. The repository name 'uifd/ui-for-docker' is prominently displayed with a star icon and a pull count of '10M+'. Below the name, it states 'By uifd • Updated 6 years ago'. A warning message reads: 'A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.' There is a small 'Image' placeholder below the warning. The page has two tabs: 'Overview' (selected) and 'Tags'. The 'Overview' section contains a heading 'UI For Docker' followed by a deprecation notice: 'This repo is deprecated. Development continues at: portainer/portainer'. Below this is a 'chat on gitter' button. The text explains that UI For Docker is a web interface for the Docker Remote API, aiming to provide a pure HTML/JS app. A 'Goals' section lists two points: 'Minimal dependencies - I really want to keep this project a pure html/js app.' and 'Consistency - The web UI should be consistent with the commands found on the docker CLI.' To the right, a 'Docker Pull Command' box shows the command 'docker pull uifd/ui-for-docker'. The browser's taskbar at the bottom shows several open applications: Docker Desktop (66/527 MB Paused), Project Planning.pdf, Milestone & Activ...pdf, Flask Project.pdf, and Milestone and acti...pdf. The system tray at the bottom right shows the date and time as '14:55 01-11-2022'.

The screenshot shows a web interface for managing Docker instances. On the left, there's a sidebar with a clock showing 02:58:42, a 'CLOSE SESSION' button, and a list of instances. The main area displays details for an instance named 'cdgdq0f9_cdgdqn791rrg00aci3gg', including its IP (192.168.0.28), memory, CPU, and an SSH command. Below this, there's a terminal window showing the following commands and output:

```
[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:fe371ff3a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
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
0df1b76d07913e2d79c3d832870dd24bfb0fd071955b4149780d1345c9037ce3
[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
93a745dd29e711d8e081fdb57b9423bec9802acda9c26c940a2a34559815fb8
docker: Error response from daemon: driver failed programming external connectivity on endpoint magical_solomon (12c1f6b03b1ee3d4c8e44366093222665a625e648496acf3e0ecddeab962541a): Bind for 0.0.0.0:9000 failed: port is already allocated.
[node1] (local) root@192.168.0.28 ~
$
```

The bottom of the screenshot shows a Windows taskbar with various application icons and a system tray displaying the date and time (15:18, 01-11-2022).

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

Bing

Google Account


Inbox (87) - agilagesan08

Docker Playground

Explore Docker's Container

hub.docker.com/search?q=sandeepdoodigani%2Fjobportalapp

Security Advisory: Critical OpenSSL Vulnerability - [learn how to tell if your repository is vulnerable.](#)



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☐ Windows


Architectures

☐ ARM

☐ ARM 64

1 - 1 of 1 result for sandeepdoodigani/jobportalapp.

Best Match



sandeepdoodigani/jobportalapp

By [sandeepdoodigani](#) • Updated 3 months ago

Linuxx86-64

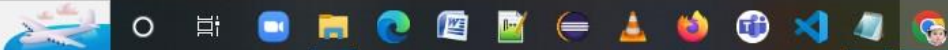
1.2K

0

DownloadsStars

https://hub.docker.com/u/sandeepdoodigani

Type here to search



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:e8590bc86f5d2ef2f85536f570fe49a5fec2893ebfd146f5aa63d0de9f9bdd24
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 ~
$
```

Windows Taskbar

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-cdhtr8m3tccg00fmtjig@direct.labs.play-with-docker.com

DELETE

EDITOR

```
[node1] (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 -
```

Windows taskbar with search bar and icons for various applications.

System tray showing temperature (24°C), time (21:20), date (03-11-2022), and language (ENG).

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Aboutus

Mission

SMARTBRIDGE is an edTech organization with a vision to bridge the gap between academia & industry. Our outcome-based experiential learning programs on emerging technologies (Internet of Things, Machine Learning, Data Science, Artificial Intelligence, Robotics) are building skilled entry - level engineers, for the corporate world. .

Vission

Our main objective is to bridge the existing gaps between prevailing industry standards and what the academics offer to the graduates while passing out of university. SmartBridge offers suitable skill deployment and training to the young talent before on boarding their first job. Our skill development programs are designed considering the present expectations in the industry.

Objective

Well directed career guidance programs for educational institutions
Appropriate certification courses that suit the industry need
Train the trainers; expanded awareness about the current industry standards
Liaise with corporates to offer niche internships
Establish technology development centers in colleges
Specialised incubation centers in collaboration with corporates

JobPortal

Lorem ipsum dolor sit amet consectetur adipisicing elit. Voluptatum quis, reiciendis id magni magnam, accusamus nobis in, temporibus molestias ab placeat rerum aperiam illum perspiciatis ducimus non! Fugiat, odit ducimus.

Get in Touch

- jobportal@gmail.com
- [+91 8977787657](tel:+918977787657)



Login Form

Login

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

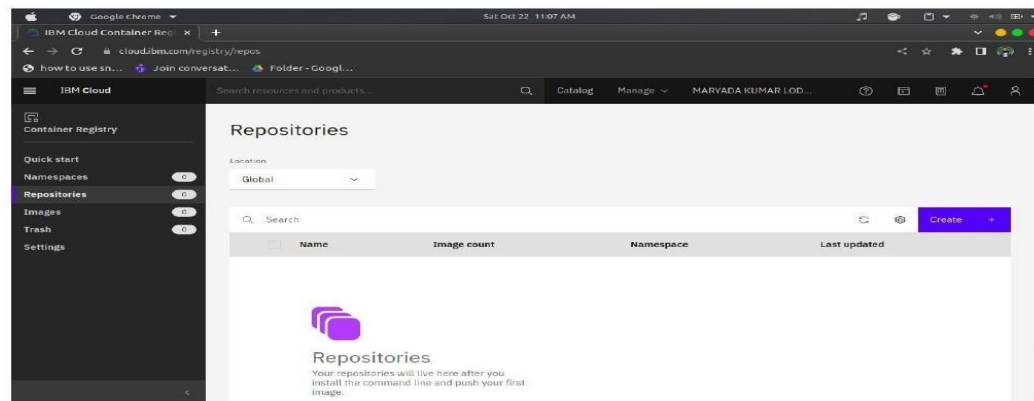
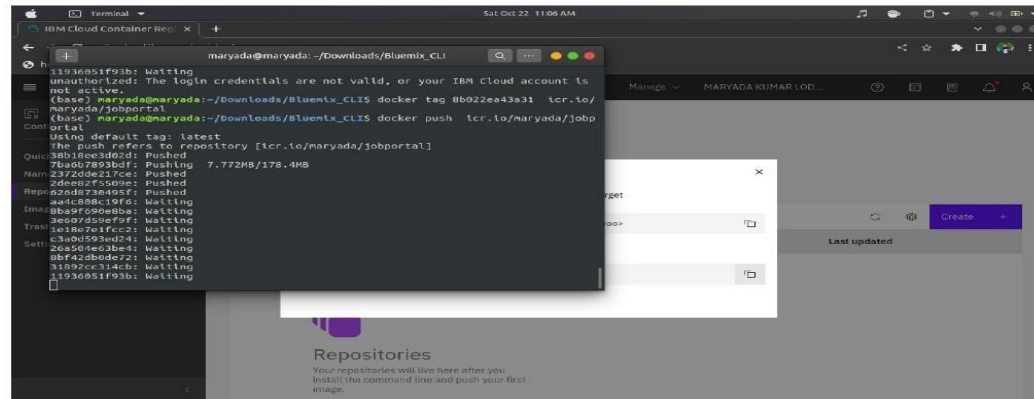


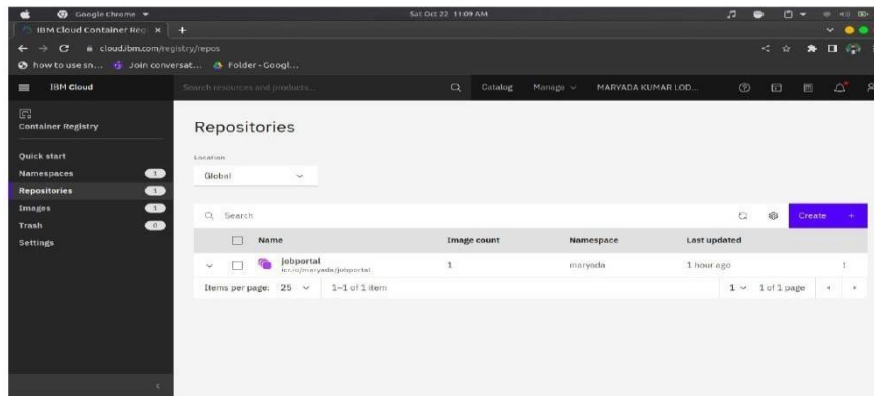
Register Form

Register

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

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





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

