Assignment 4

Assignment Date	23 October 2022
Name	Mohamed Mushraf K
Maximum Marks	2 Marks
Project Name	Smart Fashion Recommender Application

Questions:

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.
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.

CLOSE SESSION

Instances 🔧 ⚙️

+ ADD NEW INSTANCE

192.168.0.13
node1

cd9an2u3_cd9av060qau0008hbjs0

IP
192.168.0.13   **OPEN PORT**

Memory   CPU

SSH
ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w 📋

DELETE   📄 **EDITOR**

```
# This is a sandbox environment. Using personal credentials   #
# is HIGHLY! discouraged. Any consequences of doing so are     #
# completely the user's responsibilites.                       #
#                                                              #
# The PWD team.                                                #
###############################################################
[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 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dacb9ff7c1931923fc0d
[node1] (local) root@192.168.0.13 ~
$ 
```

UI For Docker

Dashboard	Containers	Containers Network	Images	Networks	Volumes	Info

🔄 Refresh

UI For Docker

The UI for Docker container engine

Learn more.

Running Containers

- beautiful_goldwasser `Up About a minute`
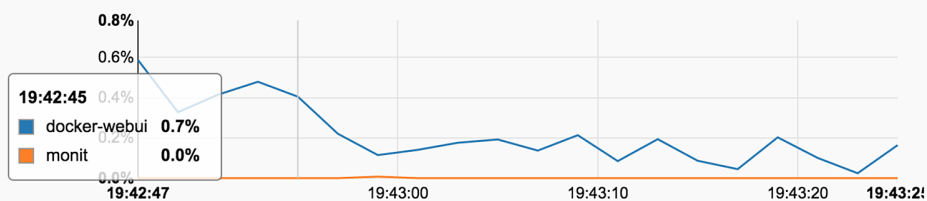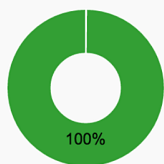
Status

docker web-ui

All ▾

refresh / 2 sec ▾

CPU

19:42:45	
■ docker-webui	**0.7%**
■ monit	**0.0%**

0.8%
0.6%
0.4%
0.2%
0.0%

19:42:47   19:43:00   19:43:10   19:43:20   **19:43:2!**

Memory

2.6%
2.0%
1.0%
0.0%

19:42:47   19:43:00   19:43:10   19:43:20   **19:43:2!**