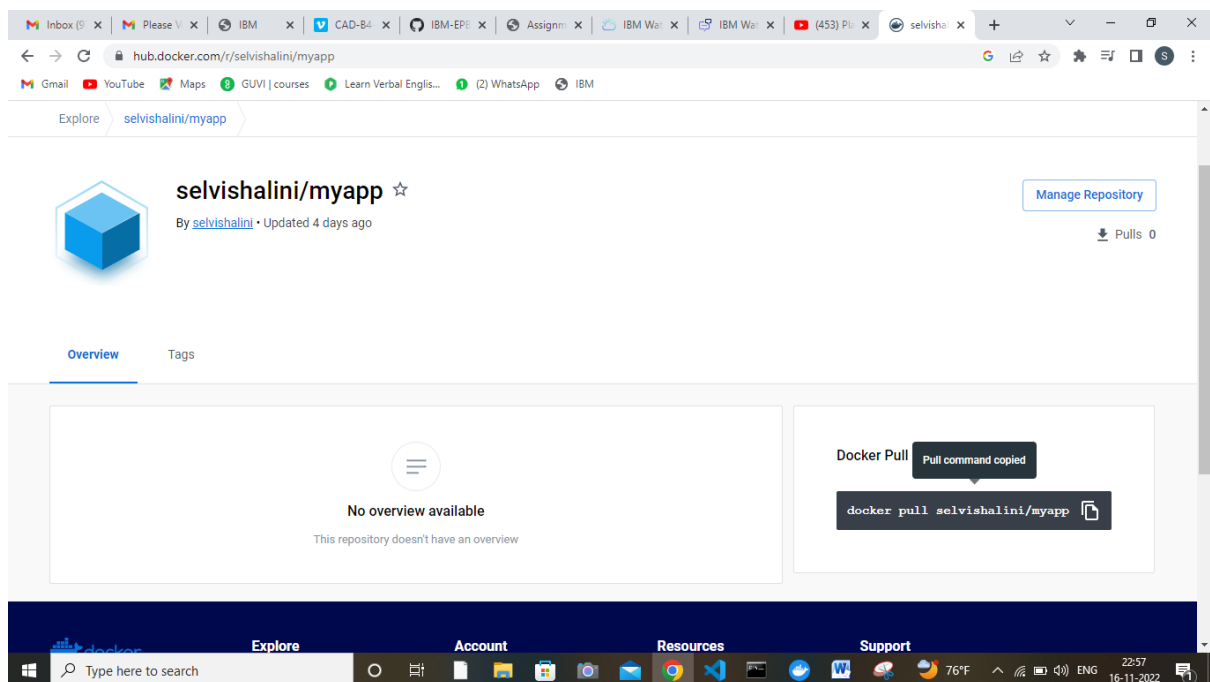


ASSIGNMENT-4

| | |
|---------------------|-----------------|
| Assignment Date | 29 october 2022 |
| Student Name | Shalini k |
| Student Roll Number | 211419205152 |
| Maximum Marks | 2 Marks |

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



```
C:\Users\Lenovo>docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
alpine/git          latest      42a1cda0ba24  3 weeks ago  43.6MB
docker/getting-started latest      cb90f98fd791  7 months ago 28.8MB

C:\Users\Lenovo>docker push alpine
Using default tag: latest
The push refers to repository [docker.io/library/alpine]
```

Browser tabs: Inbox, Please, IBM, CAD-E, IBM-E, Assign, IBM V, IBM V, (453) F, selvis, Docker.

Address bar: labs.play-with-docker.com/p/cdqhrkm0qau000cpjg8g#cdqhrkm0_cdqhrmm0qau000cpjgag

Navigation: Gmail, YouTube, Maps, GUVI | courses, Learn Verbal Englis..., (2) WhatsApp, IBM

03:59:34

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.8
node1

cdqhrkm0_cdqhrnm0qau000cpjgag

IP: 192.168.0.8 [OPEN PORT](#)

Memory: 0.87% (34.91MiB / 3.906GiB) CPU: 0.17%

SSH: `ssh ip172-18-0-46-cdqhrkm0qau000cpjg8g@direct.labs.play-with-docker.com`

[DELETE](#) [EDITOR](#)

```
#####
# WARNING!!!!
# This is a sandbox environment. Using personal credentials
# is HIGHLY discouraged. Any consequences of doing so are
# completely the user's responsibilities.
#
# The FWD team.
#####
[node1] (local) root@192.168.0.8 ~
$
```

Windows taskbar: Type here to search, 76°F, 22:59, 16-11-2022

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

Login

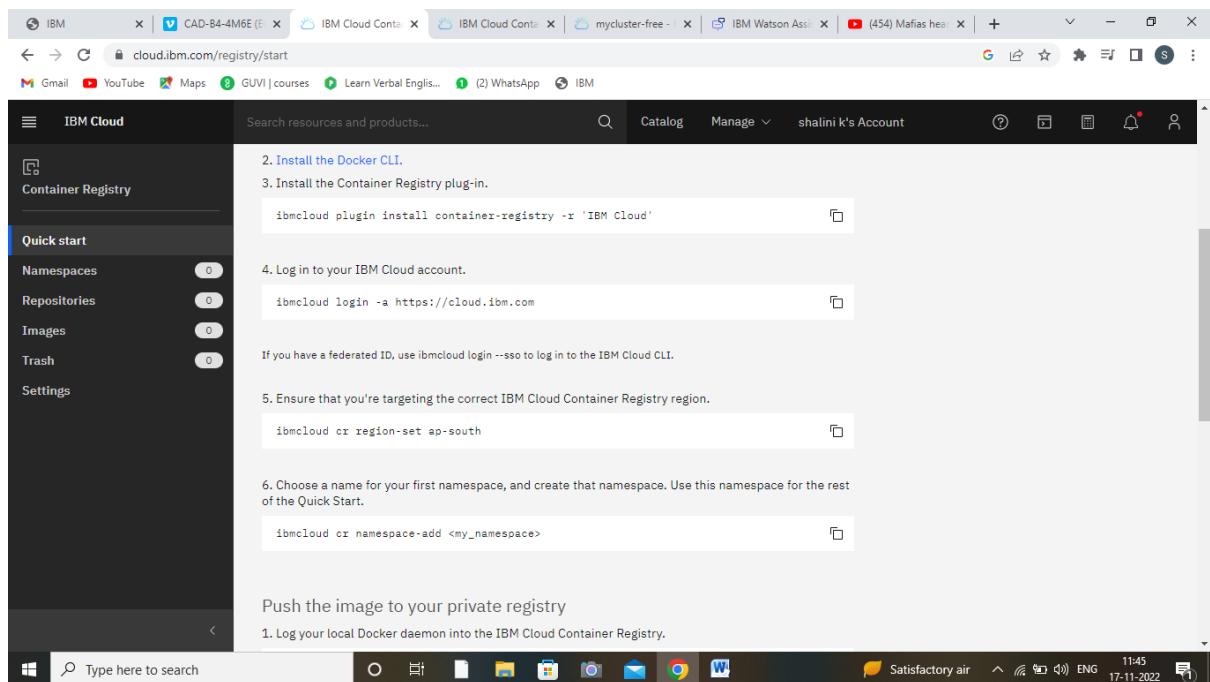
Email address

Password

[Forgot Password](#)

[Submit](#)

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

