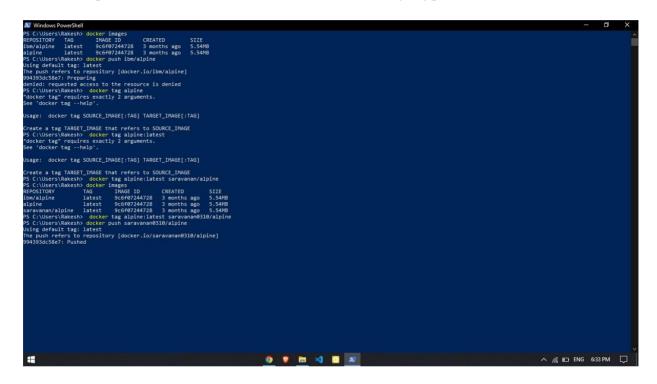
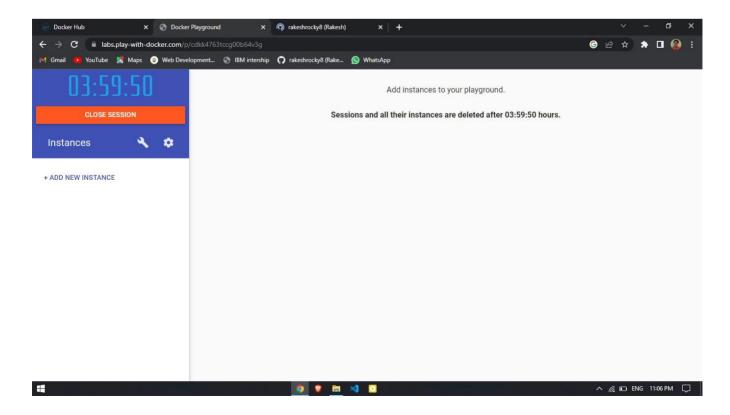
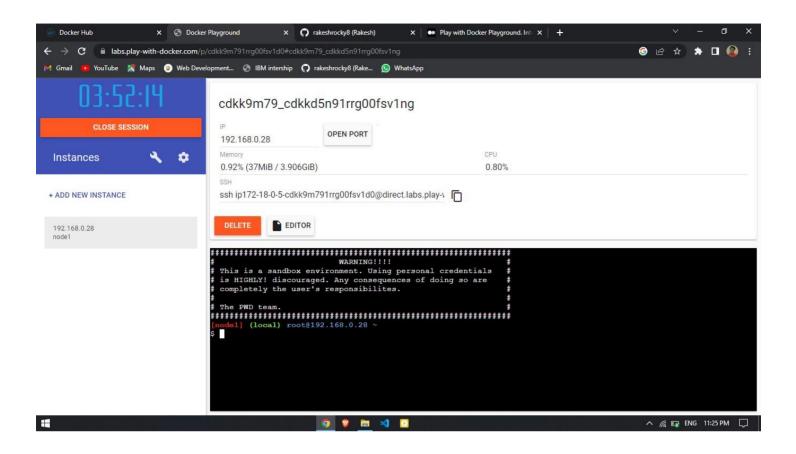
Assignment -4

| Assignment Date | 18 November 2022 |
|---------------------|------------------|
| Student Name | S.Shebin Prabha |
| Student Roll Number | 960319205011 |
| Maximum Marks | 2 Marks |

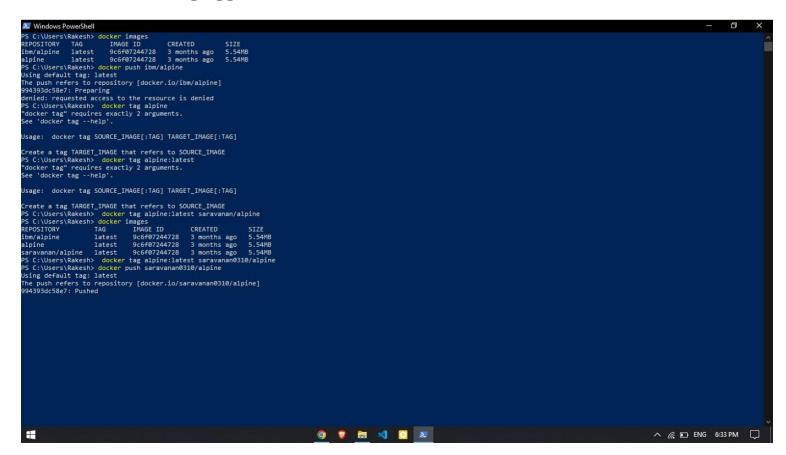
1. Pull an Image from docker hub and run it in docker playground.



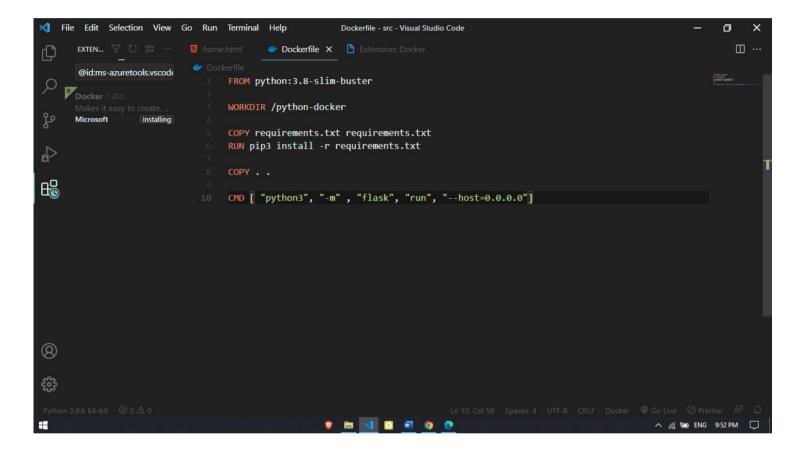




2. Create a docker file for the jobportal application and deploy it in Docker desktop application.



Dockerfile

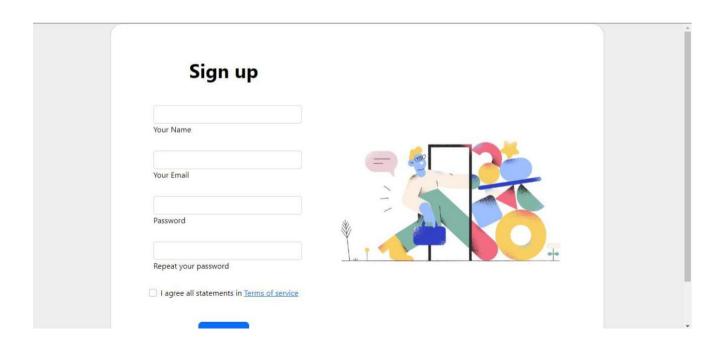


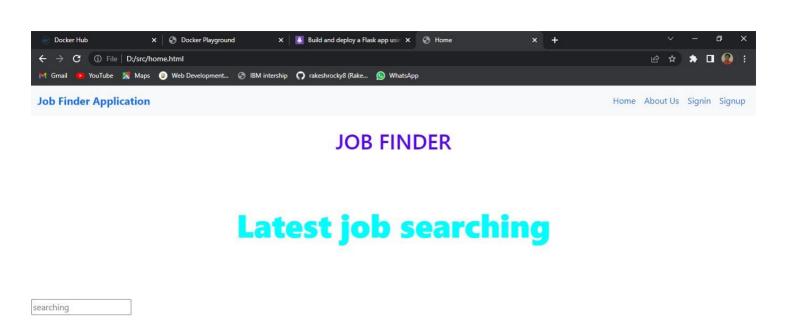
Email address

Password

Sign in

Not a member? Signup





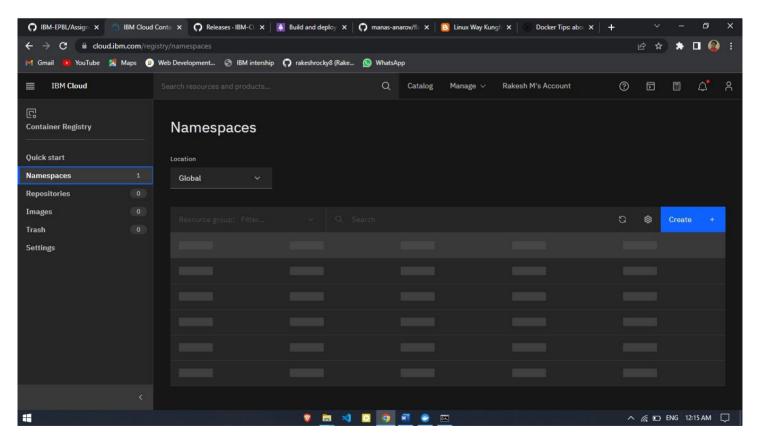
3. Create a IBM container registry and deploy helloworld app or jobportalapp.

```
C:\Users\Rakesh\Downloads\Flask, hello_docker-master\Flask, hello_docker-master>ibmcloud cr region-set global
The region is set to 'global', the registry is 'icr.io'.

C:\Users\Rakesh\Downloads\Flask, hello_docker-master\Flask, hello_docker-master>ibmcloud cr login
logged in to 'icr.io'.

C:\Users\Rakesh\Downloads\Flask, hello_docker-master\Flask, hello_docker-master>ibmcloud cr login
logged in to 'icr.io'.

C:\Users\Rakesh\Downloads\Flask, hello_docker-master\Flask, hello_docker-master>docker images
REPOSITONY
TAG
TIMES TO SELECTION TO THE SEL
```



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.

