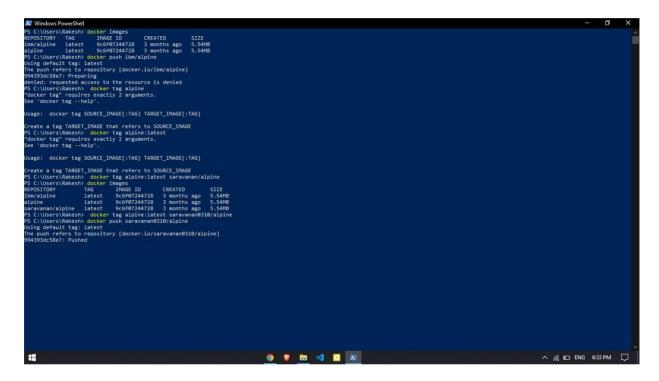
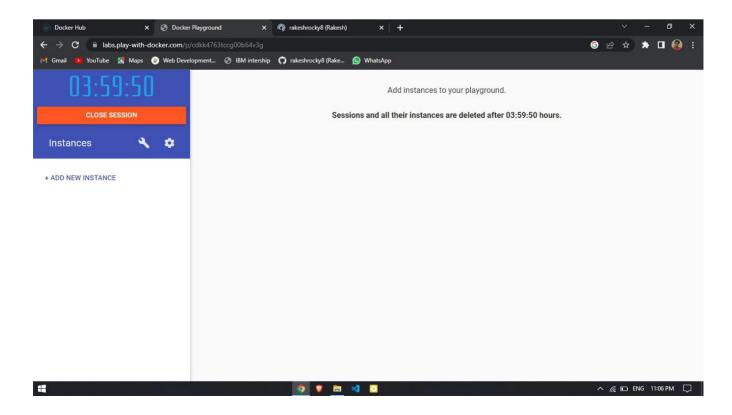
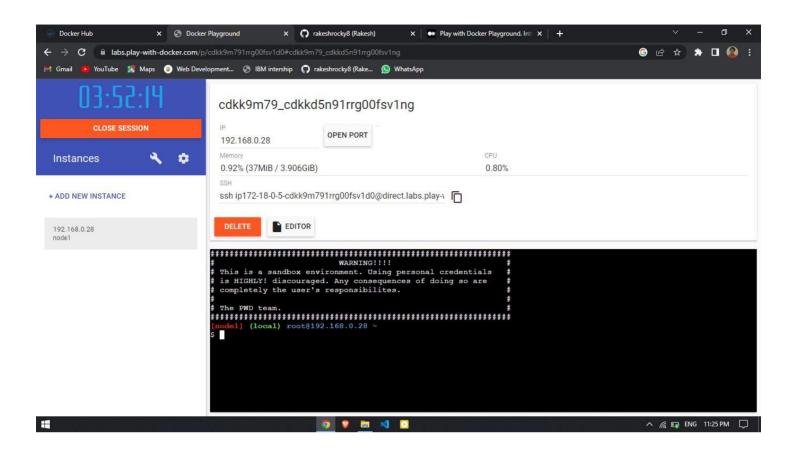
## **Assignment -4**

Assignment Date	24 October 2022
Student Name	Aditya R
Student Roll Number	73151913003
Maximum Marks	2 Marks

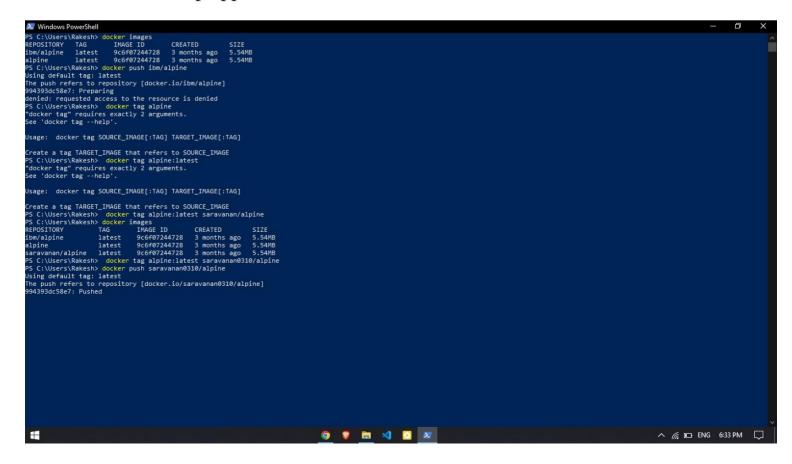
1. Pull an Image from docker hub and run it in docker playground.



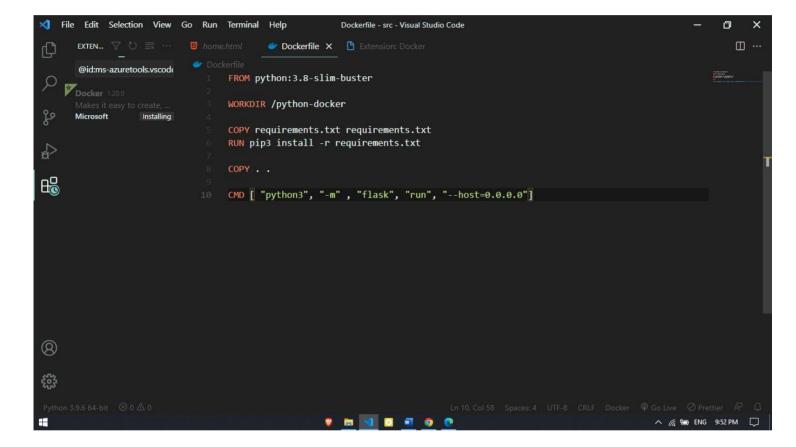




2. Create a docker file for the jobportal application and deploy it in Docker desktop application.



## **Dockerfile**

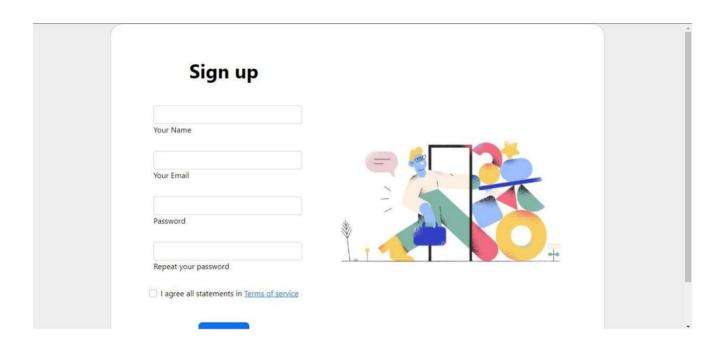


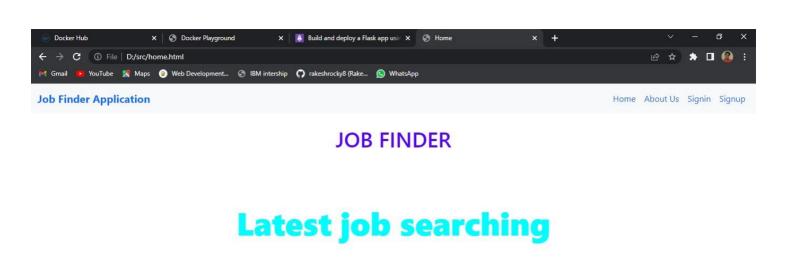
Email address

Password

Sign in

Not a member? Signup





searching



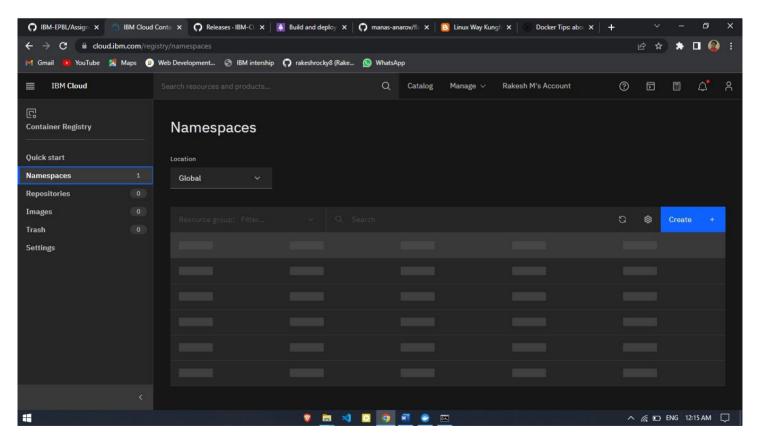
3. Create a IBM container registry and deploy helloworld app or jobportalapp.

```
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.

