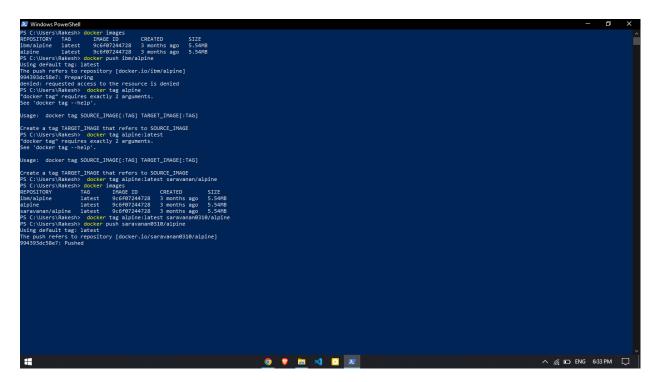
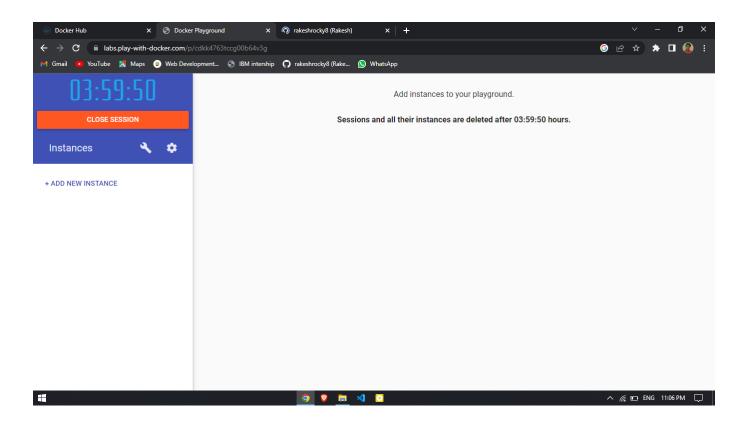
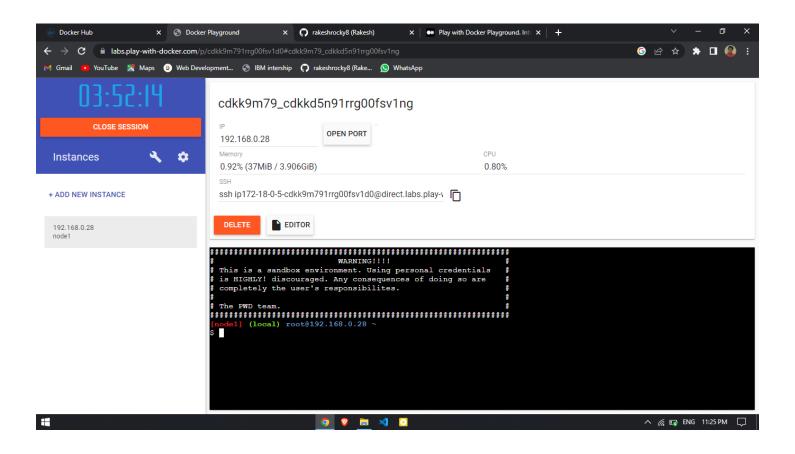
Assignment -4

Assignment Date	19 September 2022
Student Name	Saravanan M
Student Roll Number	211219106009
Maximum Marks	2 Marks

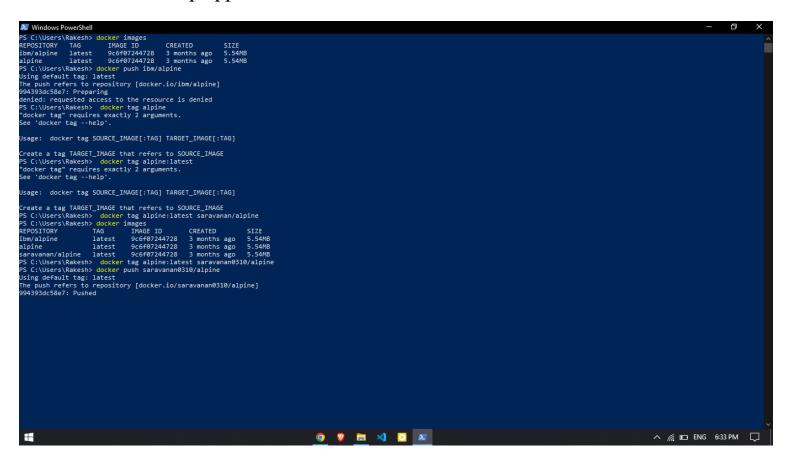
1. Pull an Image from docker hub and run it in docker playground.



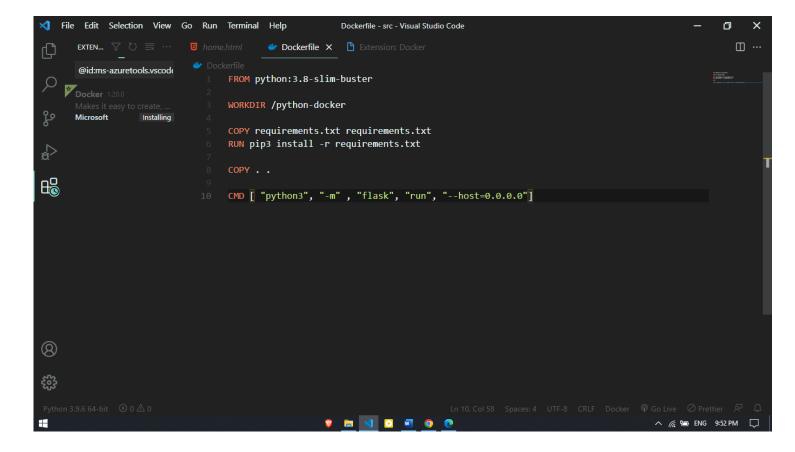




2.Create a docker file for the jobportal application and deploy it in Docker desktop application.



Dockerfile

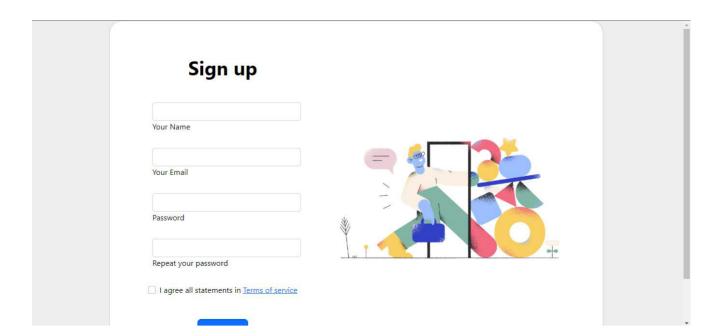


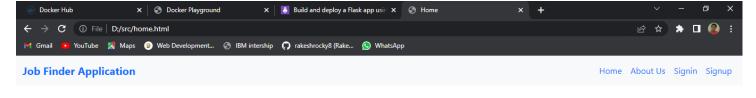
Email address

Password



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

```
| Comparison | Section | S
```

```
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
logging 'docker' in to 'icr.io'.

C:\Users\Rakesh\Downloads\flask hello_docker-master\flask_hello_docker-master>ibmcloud cr login
logging 'docker' in to 'icr.io'.

C:\Users\Rakesh\Downloads\flask hello_docker-master\flask_hello_docker-master>ibmcloud cr login
logging 'docker' in to 'icr.io'.

C:\Users\Rakesh\Downloads\flask hello_docker-master\flask_hello_docker-master>ibmcloud cr login
logging 'docker' in to 'icr.io'.

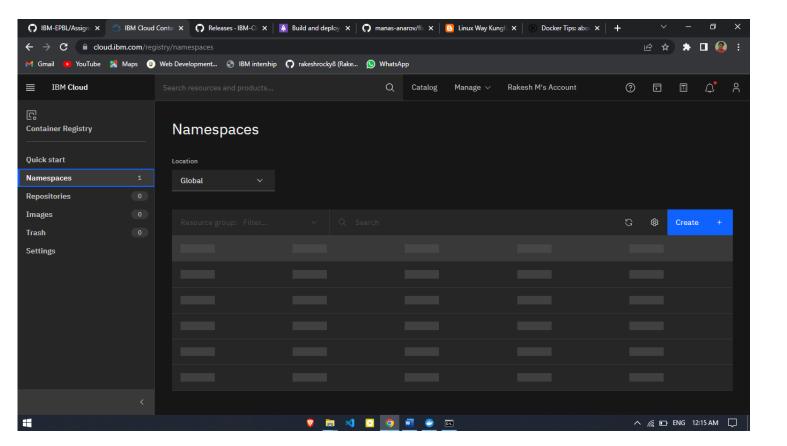
C:\Users\Rakesh\Downloads\flask hello_docker-master\flask_hello_docker-master>ibmcloud cr login
logging 'docker' in to 'icr.io'.

C:\Users\Rakesh\Downloads\flask hello_docker-master\flask_hello_docker-master>ibmcloud cr login
logging 'docker' in to 'icr.io'.

C:\Users\Rakesh\Downloads\flask hello_docker-master\flask hello_docker-master>ibmcloud cr login
logging 'docker' in to 'icr.io'.

C:\Users\Rakesh\Downloads\flask hello_docker-master\flask hello_docker-master>ibmcloud cr login
logging 'docker' in to 'icr.io'.

C:\Users\Rakesh\Downloads\flask hello_docker-master\flask he
```



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.

