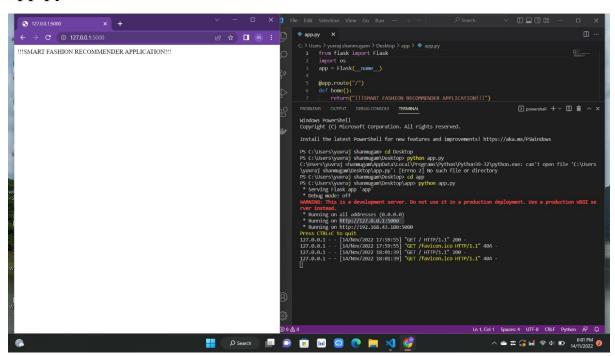
### **ASSIGNMENT-IV**

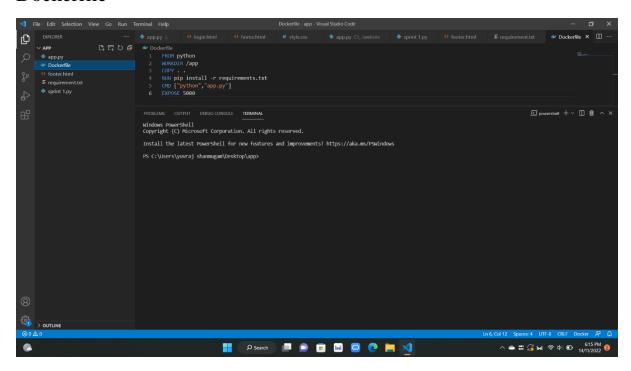
# **DOCKER & KUBERNETES**

Student Name	P.Malarvizhi
Student Roll Number	731719205009
Maximum Marks	2 Marks

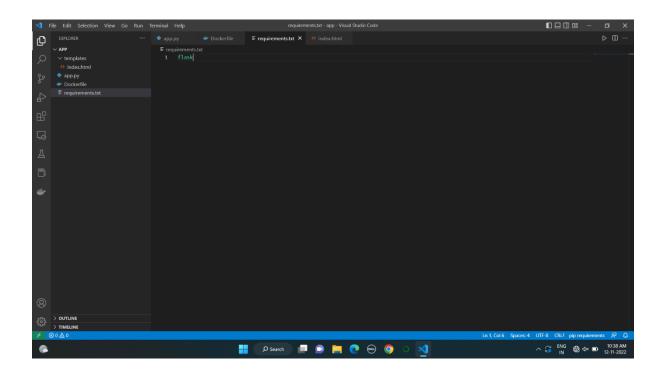
### app.py



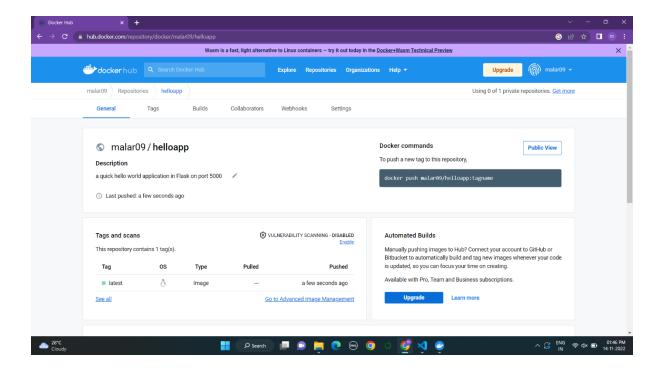
## Dockerfile



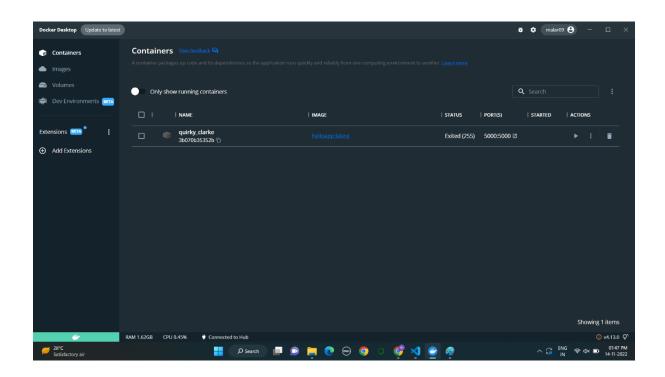
# Requirements.txt

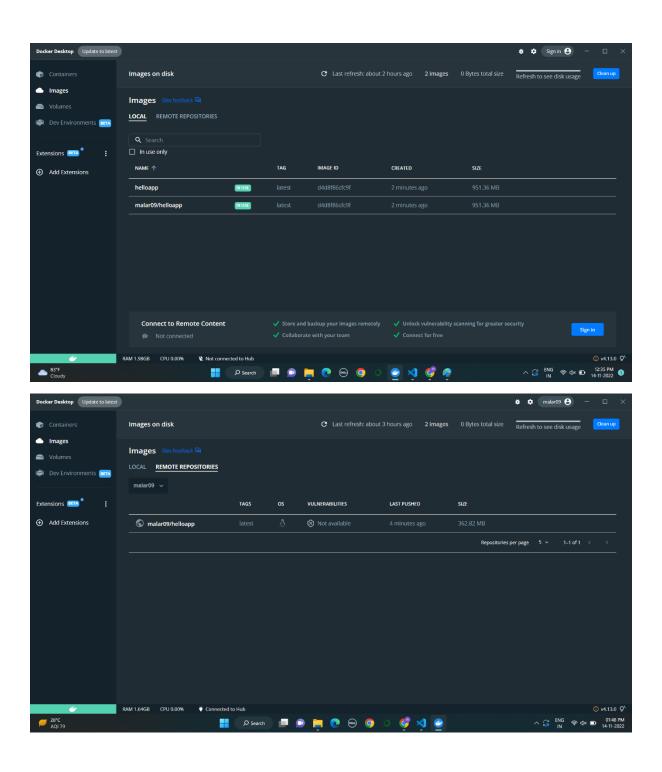


# Docker hub

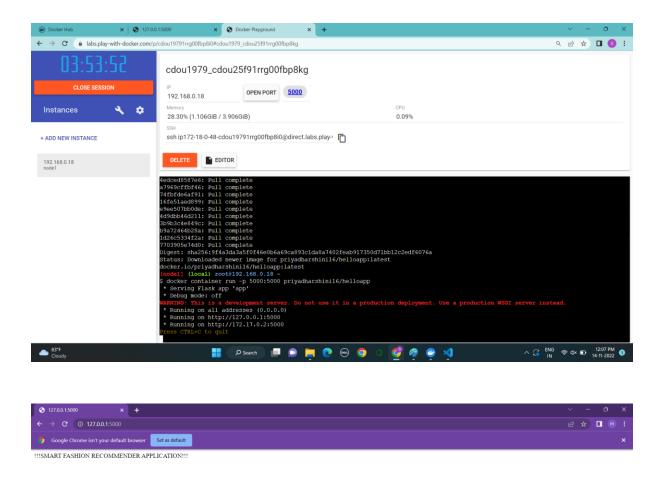


#### Docker



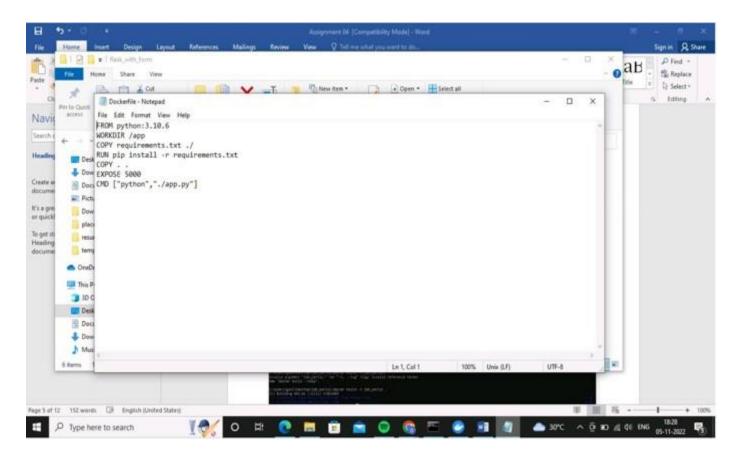


Dockerplayground





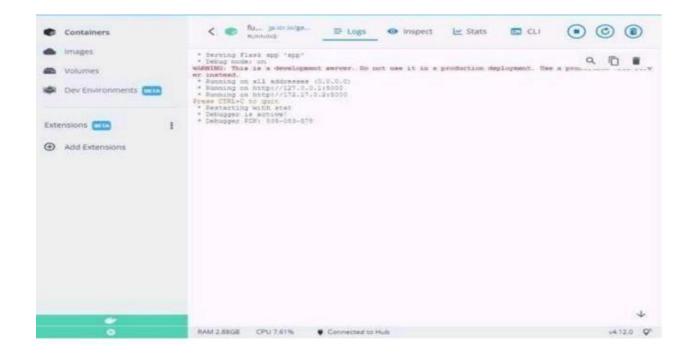
2. Create a docker file for the jobportal application and deploy it in Docker desktop application.



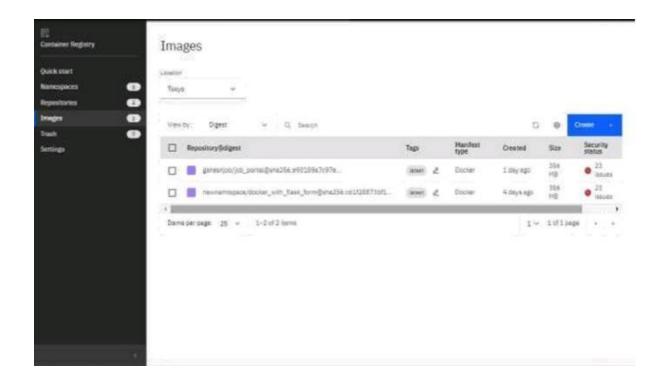
Deploy in docker application

```
| Second Communication Provides
| Communication | Communicatio
```

Running in docker desktop



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

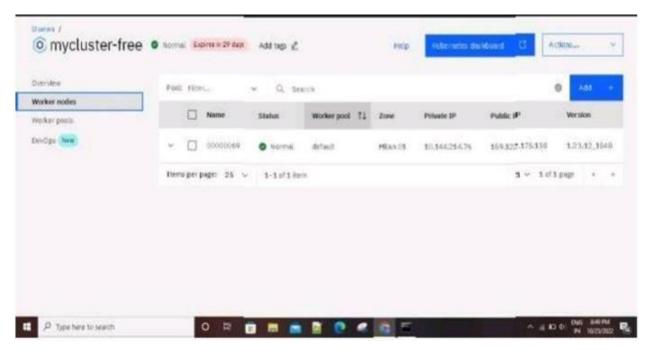


## Deploy helloworld or jobportal

```
### Comparison of the Comparis
```

4.Create a Kubernetes cluster in IBM cloud and deploy helloworld imageor jobportal image and also expose the same app to run in nodeport.

Creating a kubernetes cluster in ibm cloud



## Expose the same app to run in noteport

| Comparison of the content of the c