## **ASSIGNMENT-IV**

## **DOCKER & KUBERNETES**

Student Name	Priyadharshini
Student Roll Number	731719205015
Maximum Marks	2 Marks

#### app.py

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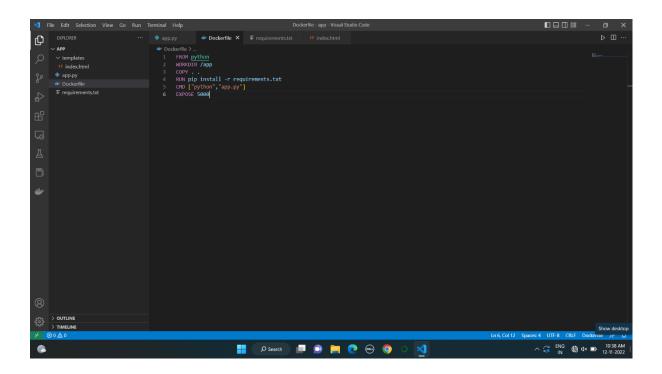
Discourse

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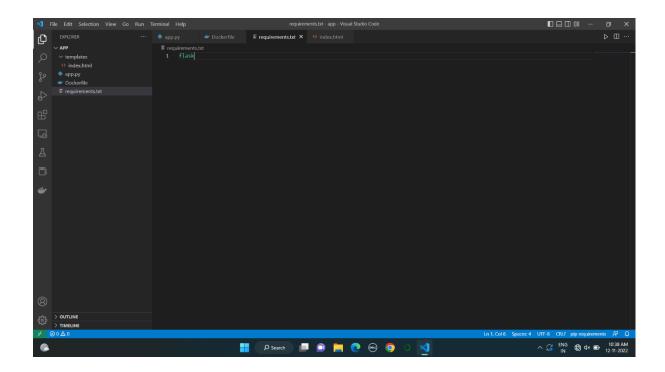
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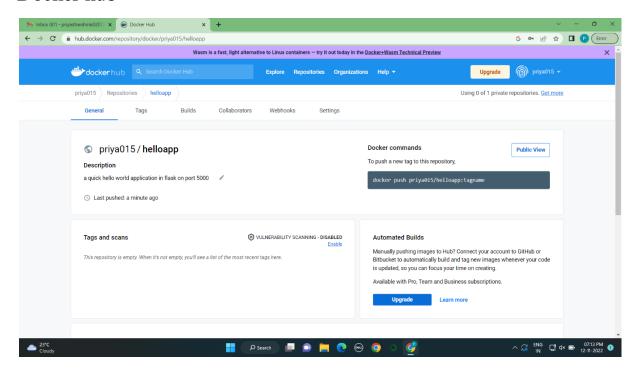
## Dockerfile

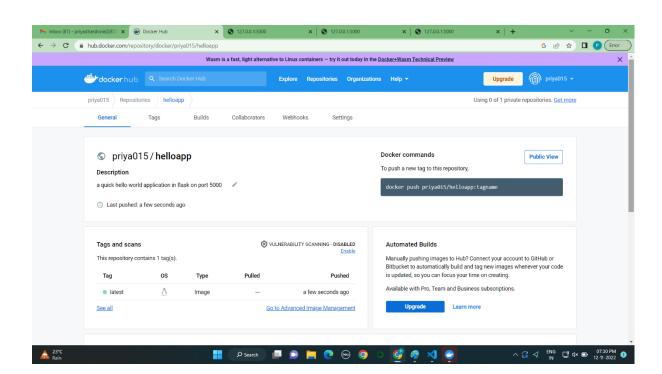


# Requirements.txt

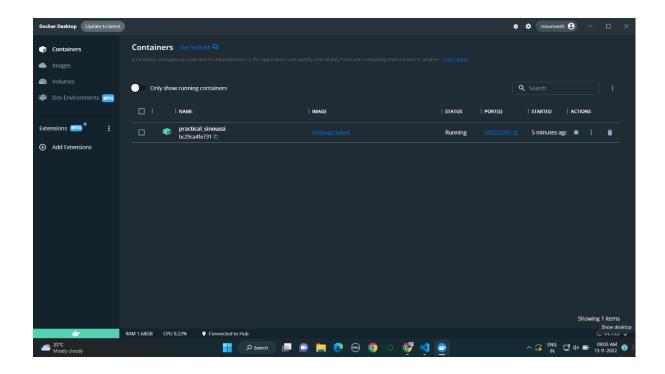


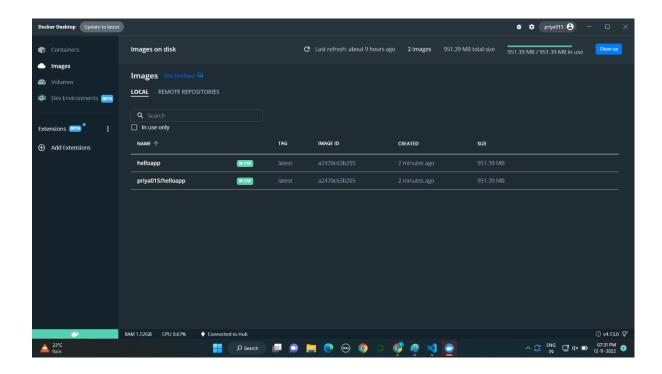
### Docker hub

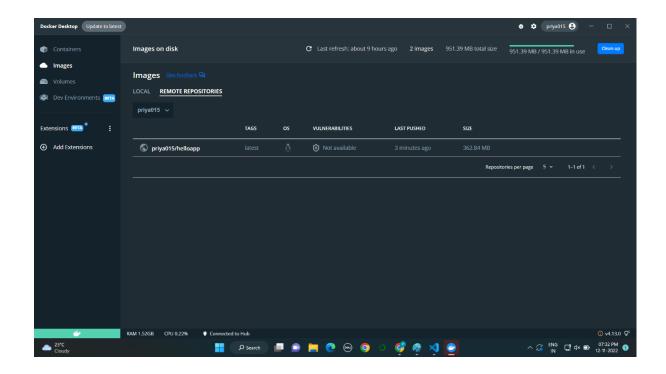




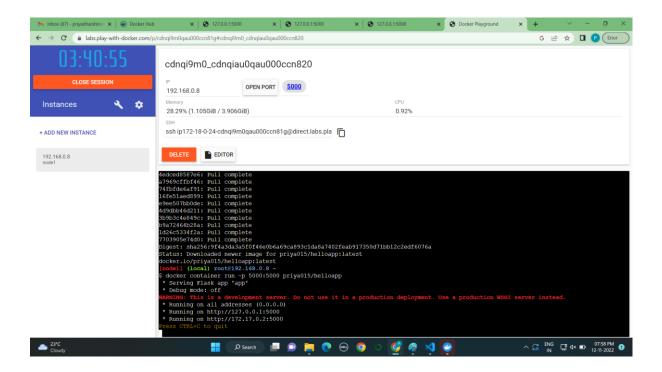
### Docker

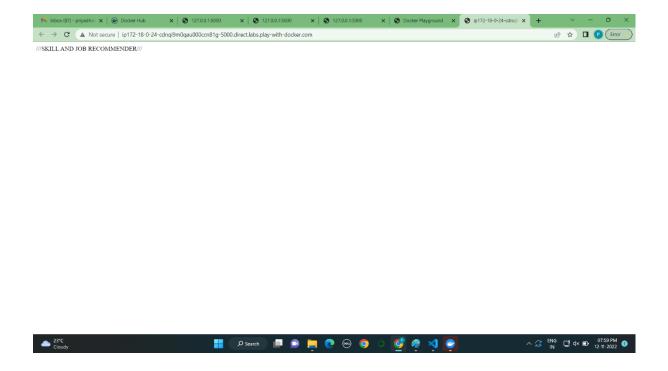




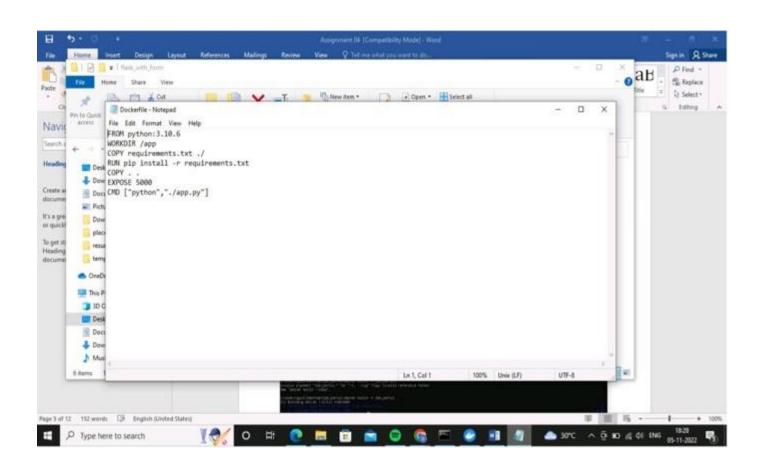


## Dockerplayground





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



### Deploy in docker application

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Solima Sintila Nientinopijeh portalicijeh

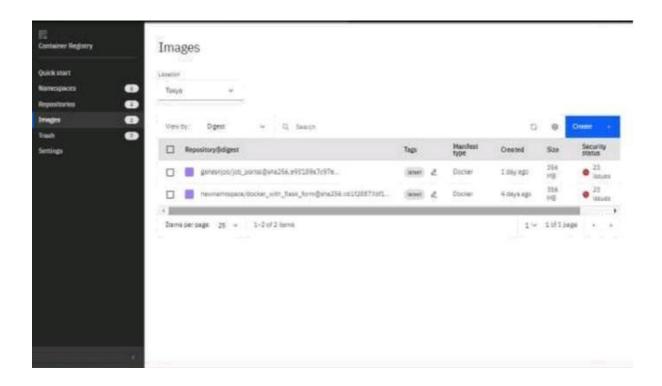
Milina Manga fram a Contantila

Milina Manga fram a Contantil
```

## Running in docker desktop



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

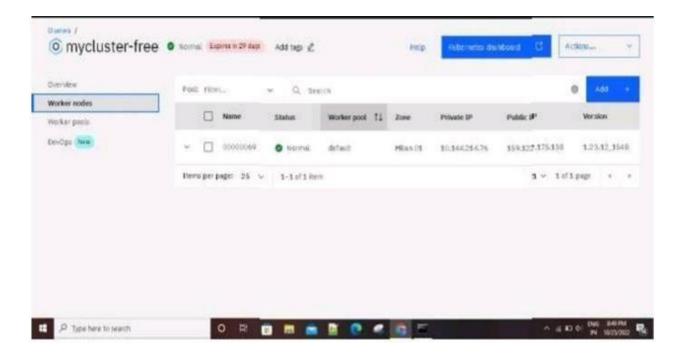


## Deploy helloworld or jobportal

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```

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.

#### Creating a kubernetes cluster in ibm cloud



## Expose the same app to run in noteport

| Comparison of the content of the c