Assignment -4 Docker and kubernetes

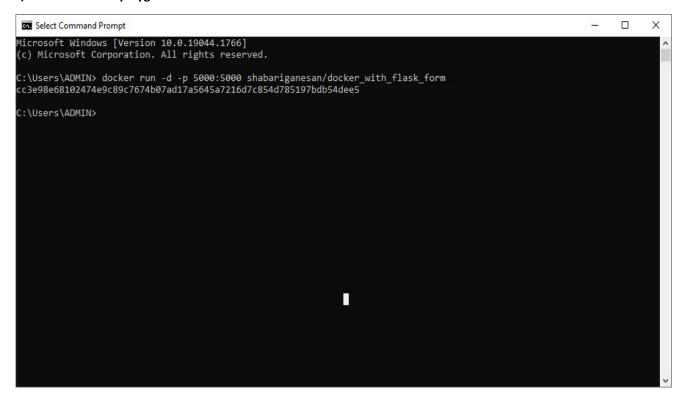
Assignment Date	10 October 2022
Student Name	Mr. S. Ganesan
Student Roll Number	612419104010
Maximum Marks	2 Marks

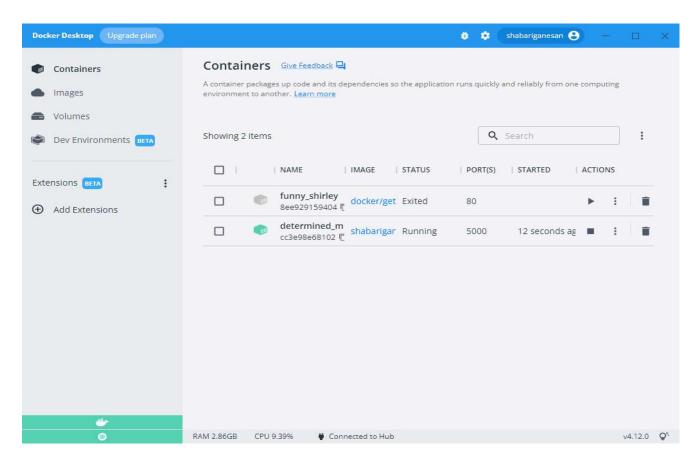
Question-1:

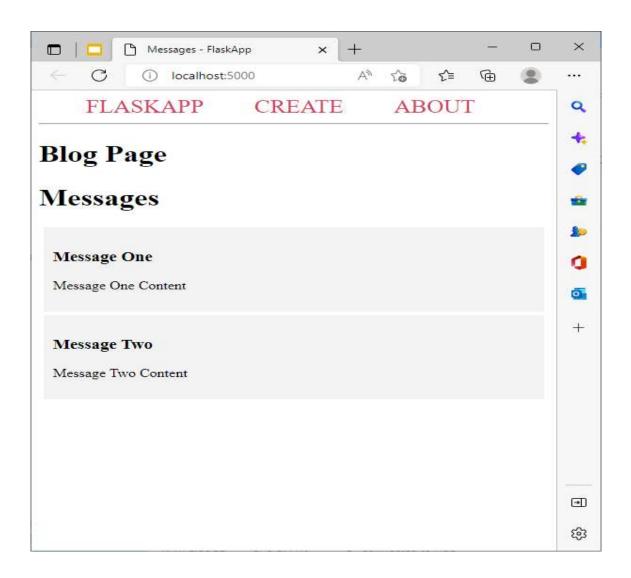
pull an image from docker hub and run it in docker playground.

1)pull an image form docker hub

2)runt it in docker playground



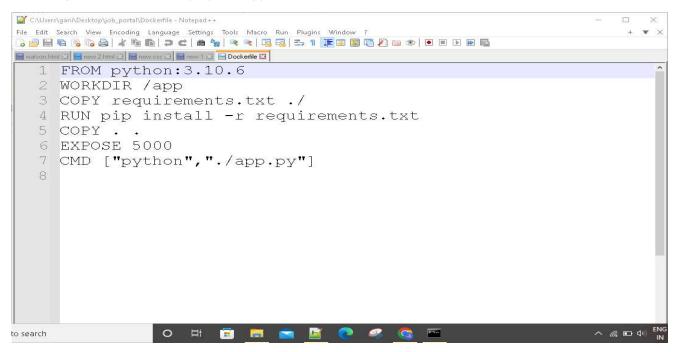




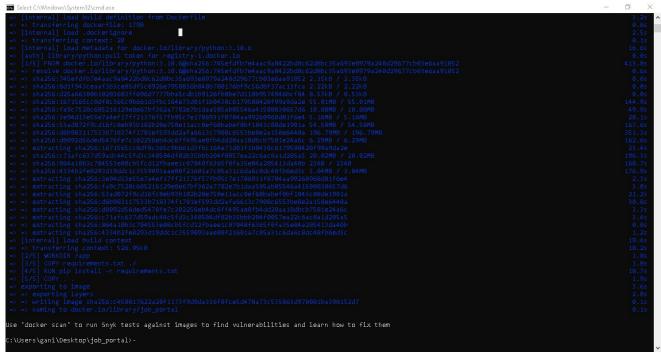
Question-2:

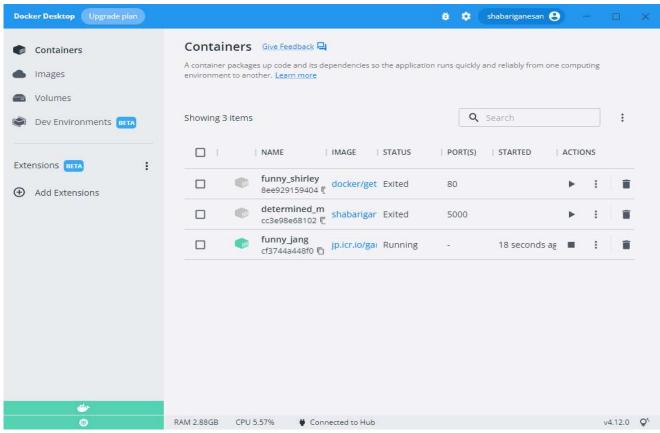
Create a docker file for the jobportal application and deploy it in docker application.

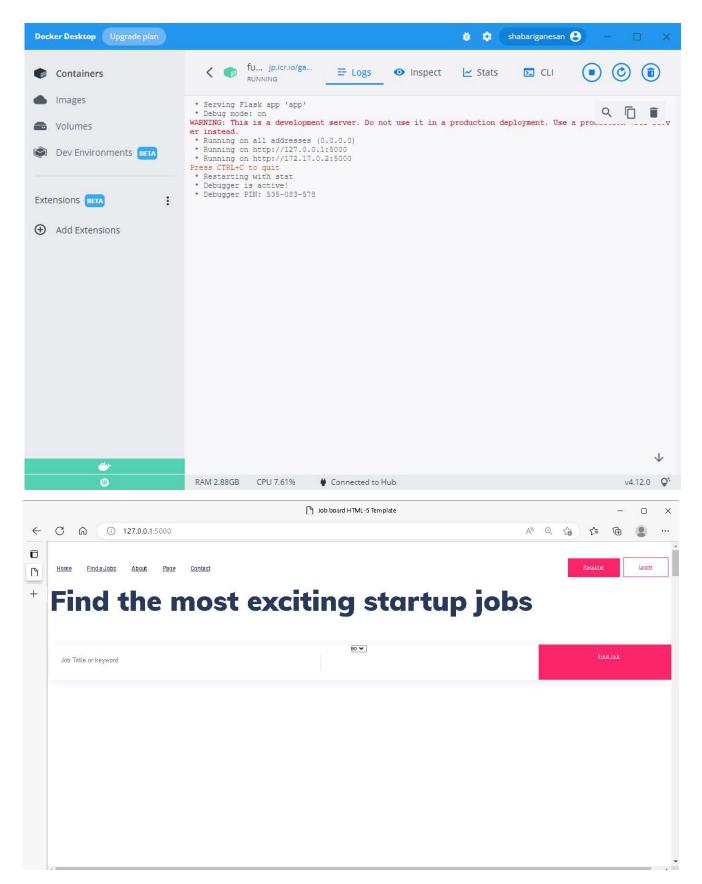
1)Creating a docker file for the jobportal application



2)deploy in in dokcer application







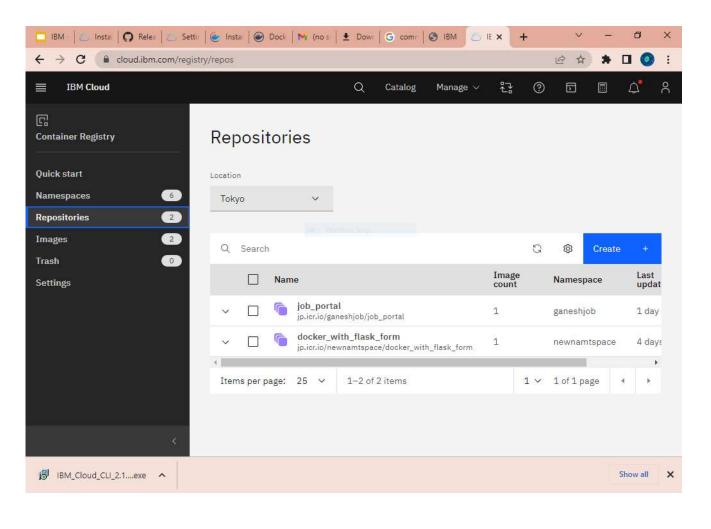
Question-3:Create albm container registry and deploy helloworld app or jobportalapp

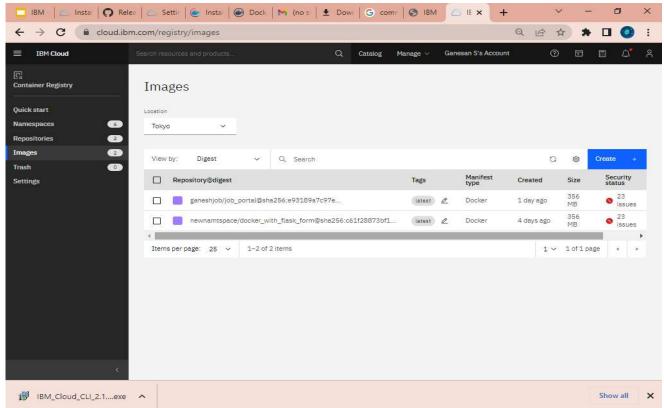
1)create a ibm container registry

```
П
 Command Prompt
                                                                                                                X
                  Ganesan S's Account (2a239674b9ba463891acc3c4fcbe0a99)
 Account:
                  No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
Resource group:
CF API endpoint:
Org:
Space:
Change logs: https://github.com/IBM-Cloud/ibm-cloud-cli-release/releases/tag/v2.11.1
TIP: use 'ibmcloud config --check-version=false' to disable update check.
Do you want to update? [y/N] > y
Installing version '2.11.1'...
Downloading...
 14.88 MiB / 14.88 MiB [===
                          ·-----] 100.00% 2s
 15604696 bytes downloaded
Saved in C:\Users\ADMIN\.bluemix\tmp\bx 2625690972\IBM Cloud CLI 2.11.1 amd64.exe
C:\Users\ADMIN>ibmcloud plugin install container-registry
Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
12476416 bytes downloaded
Installing binary...
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\ADMIN\.bluemix\plugins\container-registry. U
   'ibmcloud plugin show container-registry' to show its details.
 :\Users\ADMIN>
```

2)deployhelloworld or jobportal

```
Ack Default Setting in 1 second 
ddiscipling Retrying In 1 second 
ddiscip
```





Question-4: Create a kubernetes cluster in ibm cloud

