ASSIGNMENT 4

TEAM ID: PNT2022TMID07854

PROJECT NAME: NUTRITION ASSISTANT APPLICATION

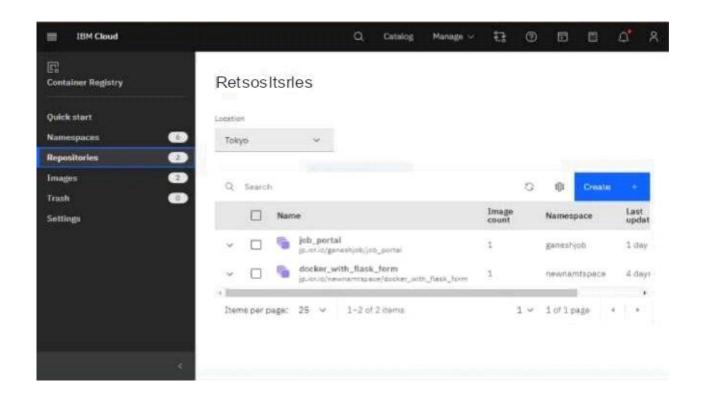
NAME: Rachel Fabiana A

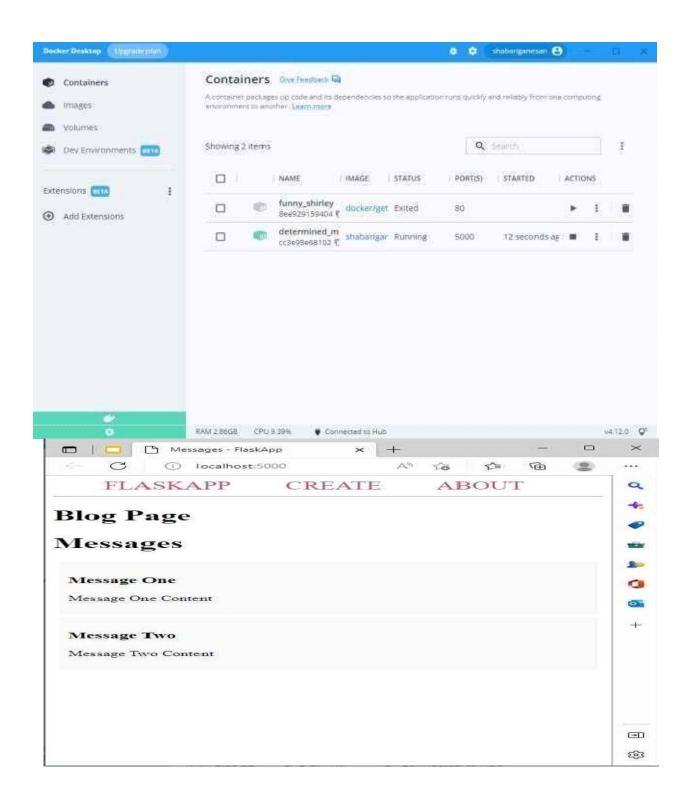
Question-1:

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

```
**Nicrosoft Windows (Version 10.0.10044.1706)
(c) Microsoft Corporation. All rights reserved.

C:\Users\ADMINDocker push shabariganesan/docker_with_flask_form
using default tag: lates.
The push refers to repository (docker.jo/shabariganesan/docker_with_flask_form]
An image does not exist locally with the tag: shabariganesan/docker_with_flask_form
C:\Users\ADMINDocker pull shabariganesan/docker_with_flask_form
Using default tag: lates.
latest: Pulling from shabariganesan/docker_with_flask_form
1071965ccodf: Pull complete
1087431865F: Pull complete
1087431865F: Pull complete
108743185F: Pull complete
108924356a05F: Pull complete
108924356a05F: Pull complete
108924356a05F: Pull complete
108924356a05F: Pull complete
108431855F: Pull complete
108431855F: Pull complete
108431855F: Pull complete
108431859F: Pull complete
108431859F: Pull complete
108431859F: Pull complete
108435780F: Pull complete
108435780F: Pull complete
1085435868F: Pull complete
118567306ca05F: Pull complete
118567306
```





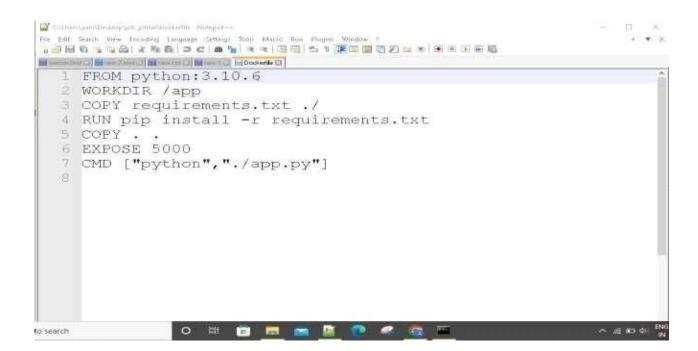
Question-2:

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

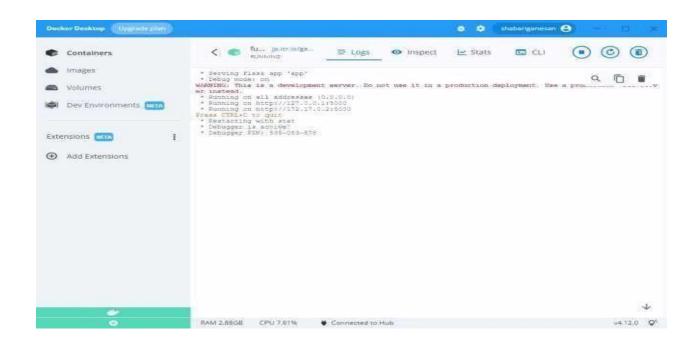
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Simple of National System (1988) to portal CS ...

Cilians in a state of the portal CS ...

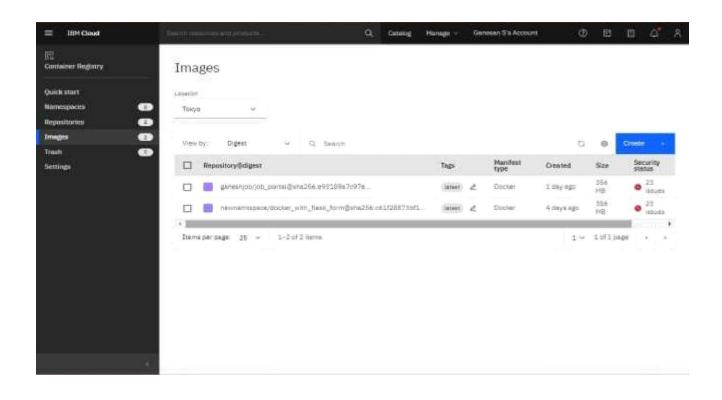
Cilians in a state of the stat
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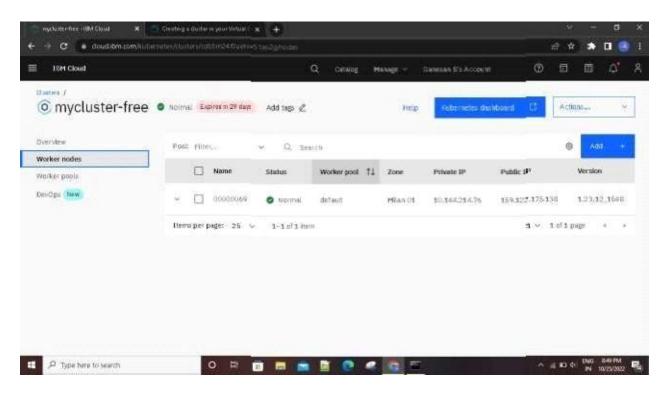
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The state of the s
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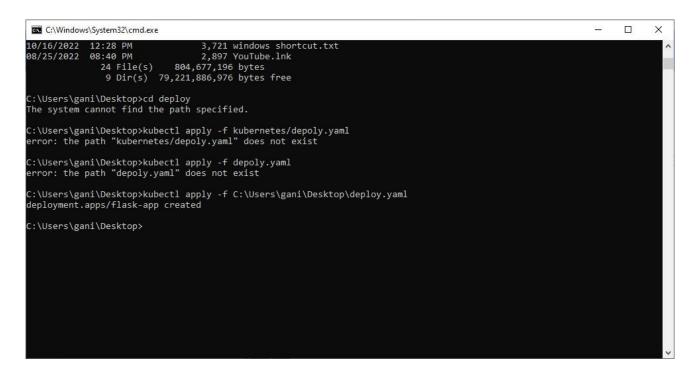


Question-3: Create a Ibm container registry and deploy helloworld app or jobportalapp



Question-4: Create a kubernetes cluster in ibm cloud and deploy helloworld image or jobportal image and also expose the same app to run in noteport





C//Windows/System32/smd.exe O. "Mindows system 22 kubecti expose deployment flask-app --type-HodePort --name-flask service
be Service "flask service" is invalid: metadata hame: Invalid value: "flask service": a DMS-1835 label must consist of lower case alphanumenic characters or 'dith an alphabetic character, and end with an alphanumenic character (e.g. 'my-name', ar 'abc-123', regex used for validation is '[a-z]([-a-28-9]*[a-z8-9])2') "\Windows\system32%whertl expose deployment flask-app - type-WodePort - made-Flask service
he Service "flask_service" is invalid: metadata.name: Invalid value: "flask_service": a DWS-1835 label must consist of lower case alphanumeric characters on "-', starv
with an alphabetic character, and end with an alphanumeric character (e.g. 'my-name', or 'mbc-123', regex used for validation is '[a-z]([-a-z8-9]*[a-z8-9]*)?') 'NMindows\systemIZ>kubectl expose deployment flask-app --type-NodePort --name-flask-service room from server (Alphadytxists): services "flask-service" already exists \Mindows\aystem12> \Mindows\aystem32>Kubectl -n kubernetws-dashboard get depploy \Mindows\system12\skubert1 -n kubernetes-dashboard get deploy resources found in kubernetes-dashboard namespace. \Windows\System32>kubect1 -n kubernetus-dashboard get deploy o resources found in kubernetes-dashboard namespace. :\Mindows\system32>kubect1 proxy tarting to serve on 127,0,0,1:8001 \Mindows\system32vkubectl -n kubernetes-dashboard get deplou c - Windows\system32>kubectl -n kubernetes-dashboard get deploy o resources found in kubernetes-dashboard namespace, :\Mindows\system32>kubectl -n kubernetes-dashboard get pods o resources found in kubernetes-dashboard namespace. "Mindows\system12>kubectl expose deployment flask-app --type-NodeFort --n reor from server (AlreadyExists): services "flask-service" already exists -name-flask-service :\Mindows\system32>kubectl get ing NMI CLASS HOSTS ACCRESS PORTS AGE Task-app-ingress chome> * 80 276 :\Mindows\system32>kubect1 get svc GHE TYPE CLUSTER.IP EXTERNAL-ID