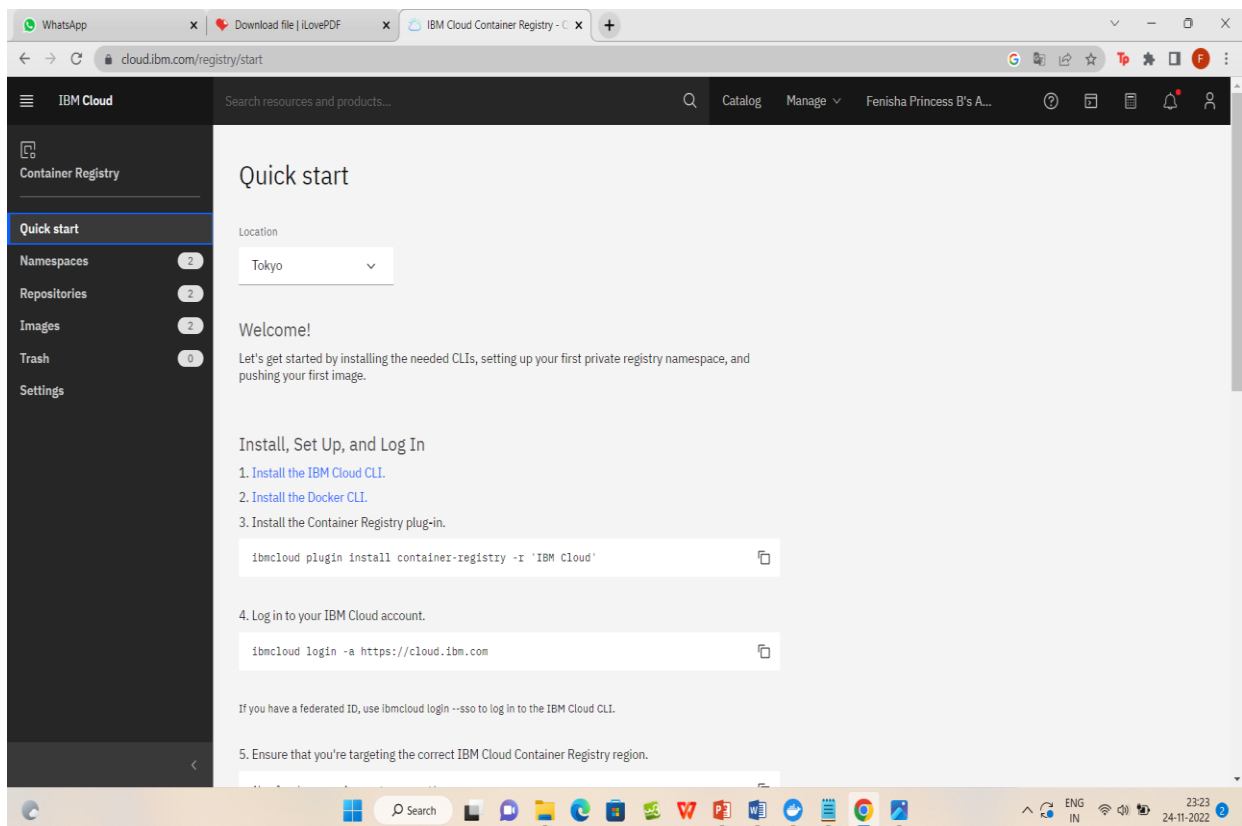


DEPLOYMENT OF APP IN IBM CLOUD

Upload Image To IBM Container Registry

TASK: Push the Docker image for job plasma app to IBM Container Registry

- LOGIN TO IBM CLOUD AND CREATE IBM CONTAINER REGISTRY



- LOGIN TO IBM CLOUD CLI USING CMD

```
Microsoft Windows [Version 10.0.22000.1219]
(c) Microsoft Corporation. All rights reserved.

C:\Users\babur>ibmcloud login
API endpoint: https://cloud.ibm.com

Email> fenisha1195@gmail.com

Password>
Authenticating...
OK

Targeted account Fenisha Princess B's Account (9e4f548ddde9438e92a22ccd40f171a9)

Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
```

```
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 4
Targeted region jp-tok

API endpoint: https://cloud.ibm.com
Region: jp-tok
User: fenisha1195@gmail.com
Account: Fenisha Princess B's Account (9e4f548ddde9438e92a22ccd40f171a9)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

C:\Users\babur>
```

```
File Edit Selection View Go Run Terminal Help app.py - flask with form - Visual Studio Code
C:\Windows\system32\cmd.exe
Account: Fenisha Princess B's Account (9e4f548ddde9438e92a22ccd40f171a9)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

C:\Users\babur>

C:\Users\babur>ibmcloud plugin list
Listing installed plug-ins...

Plugin Name      Version  Status  Private endpoints supported
container-registry 1.0.2    true

C:\Users\babur>
```

- LOGIN TO DOCKER CLI AND PUSH THE IMAGE TO IBM CONTAINER REGISTRY

```
C:\Windows\system32\cmd.exe
C:\Users\babur>ibmcloud cr login
Logging 'docker' in to 'jp.icr.io'...
Logged in to 'jp.icr.io'.

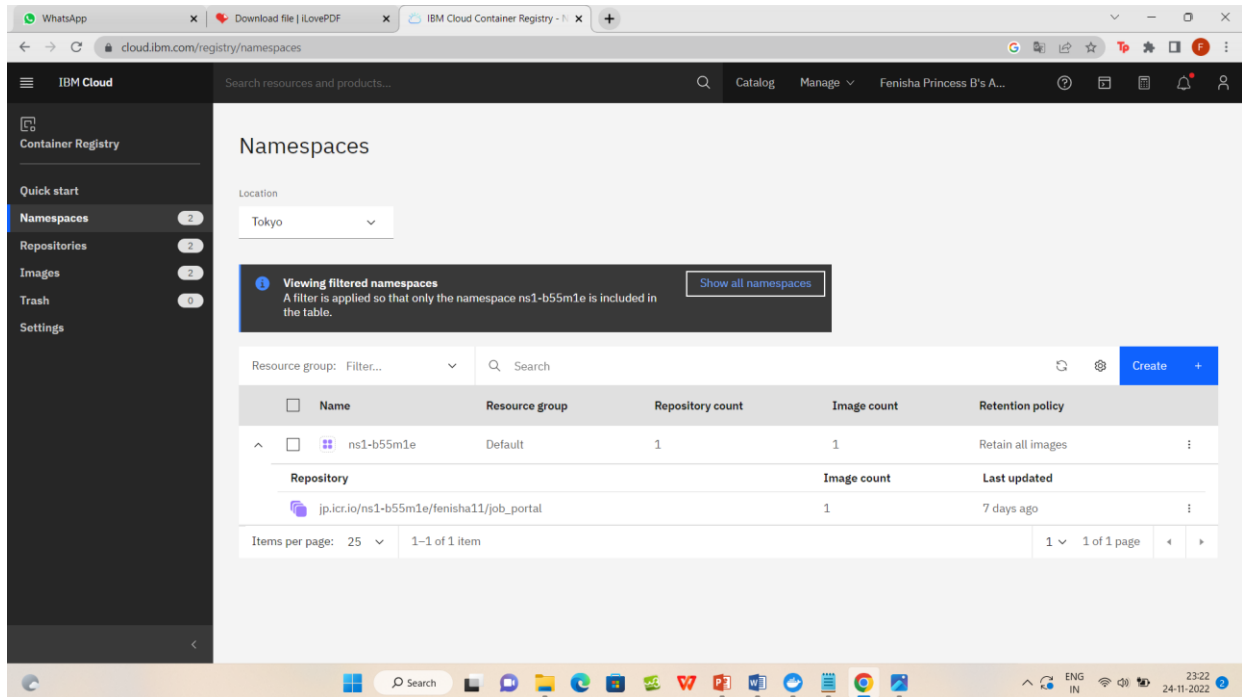
OK

C:\Users\babur>docker tag job_portal jp.icr.io/ns1-b55m1e/fenisha11/job_portal:latest

C:\Users\babur>docker push jp.icr.io/ns1-b55m1e/fenisha11/job_portal:latest
The push refers to repository [jp.icr.io/ns1-b55m1e/fenisha11/job_portal]
7f77ad315969: Pushed
f879a76b0b70: Pushed
0e8b9254b02e: Pushed
9979591e9368: Pushed
bfc1deb8136e: Pushed
1f123186824c: Pushed
3d6eb1152931: Pushed
100796cdf3b1: Pushed
54acb5a6fa0b: Pushed
8d51c618126f: Pushed
9ff6e4d46744: Pushed
a89d1d47b5a1: Pushed
655ed1b7a428: Pushed
latest: digest: sha256:375a991e7ae942c9857f52918dbeab19ba28cbe6e60c26b8e66e0f31b937279b size: 3054

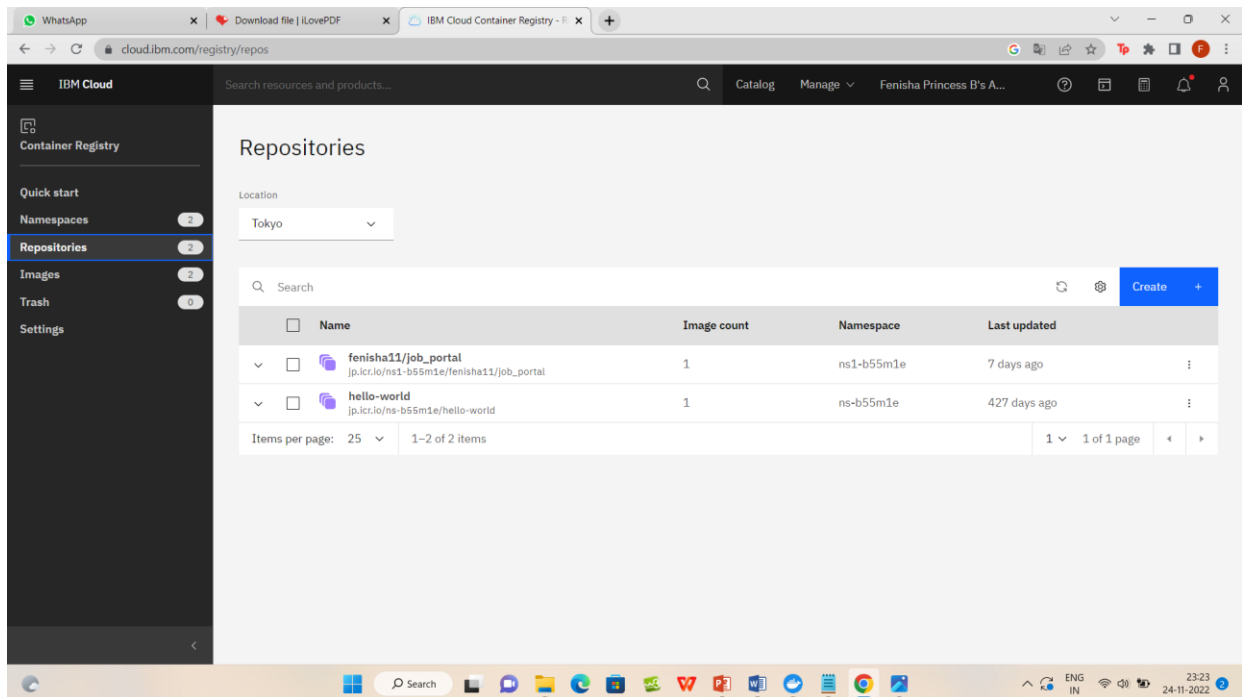
C:\Users\babur>
```

- OUTPUT IN IBM CONTAINER REGISTRY



The screenshot shows the IBM Cloud Container Registry interface. The left sidebar has 'Namespaces' selected. The main area is titled 'Namespaces' and shows a table with one namespace: 'ns1-b55m1e'. A message indicates that a filter is applied, showing only this namespace. The table has columns for Name, Resource group, Repository count, Image count, and Retention policy.

Name	Resource group	Repository count	Image count	Retention policy
ns1-b55m1e	Default	1	1	Retain all images



The screenshot shows the IBM Cloud Container Registry interface with 'Repositories' selected in the sidebar. The main area is titled 'Repositories' and shows a table with two repositories: 'fenisha11/job_portal' and 'hello-world'. The table has columns for Name, Image count, Namespace, and Last updated.

Name	Image count	Namespace	Last updated
fenisha11/job_portal	1	ns1-b55m1e	7 days ago
hello-world	1	ns-b55m1e	427 days ago

TASK COMPLETED SUCCESSFULLY!

