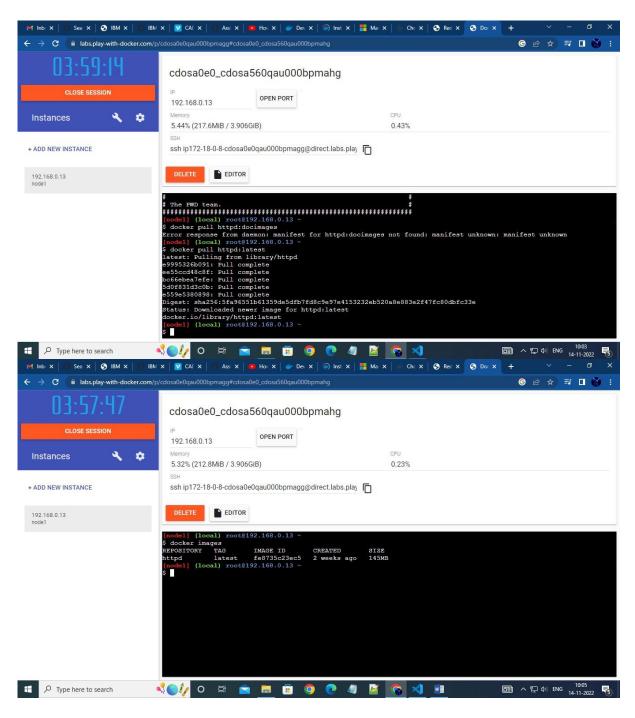
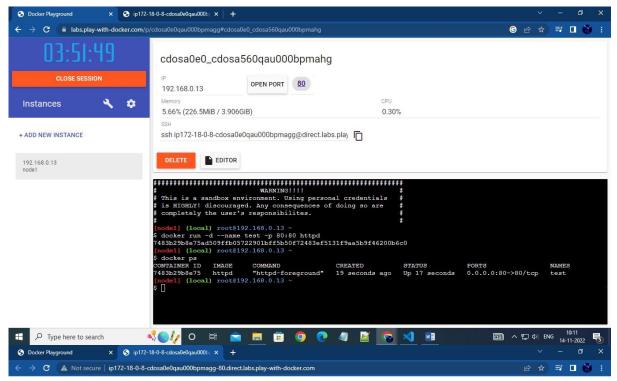
Assignment -4

Assignment Date	15 November 2022
Student Name	SUDHARSAN J
Student Roll Number	212219040156
Maximum Marks	2 Marks

1. Pull an Image from docker hub and run it in docker playground





It works!

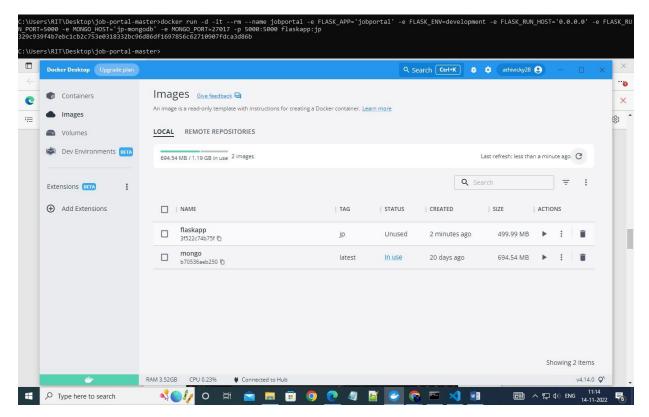


2. Create a docker file for the jobportal application and deploy it in Docker desktop application.

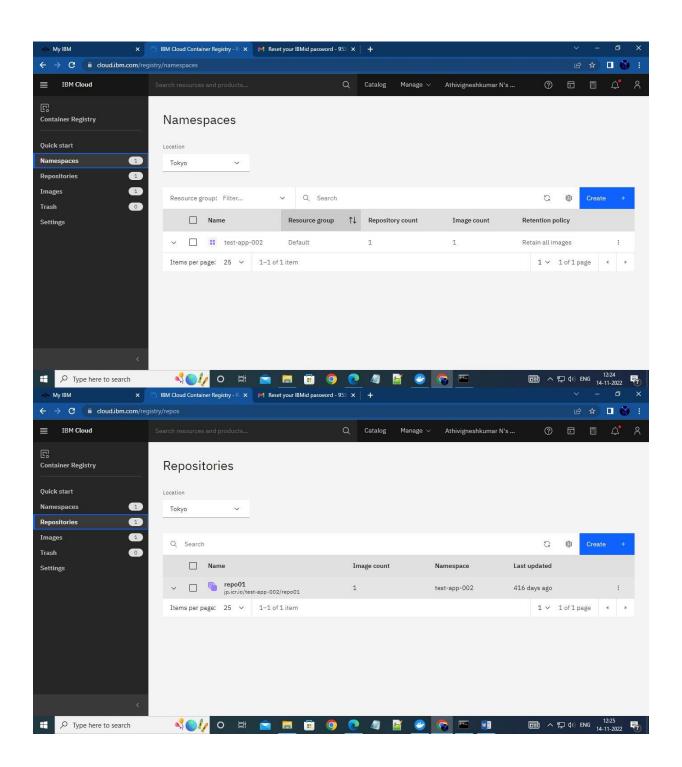
```
PS C:\Users\RIT\Desktop\job-portal-master> docker run -d -it --rm --name jp-mongodb -p 27017:27017 -e MONGO_INITDB_ROOT_USERNAME="root" -e MONGO_I
NITDB_ROOT_PASSNORD="root-rusteez" mongo
Unable to find image 'mongo:latest' locally
latest: Pulling from library/mongo
eaead16dc43b: Pull complete
8a00eb9f68a0: Pull complete
b3302f05ea20: Pull complete
b3302f05ea20: Pull complete
3a342bea915a: Pull complete
138a8542a624: Pull complete
138a8542a624: Pull complete
eacab179a7f07: Pull complete
b13b25710e84: Pull complete
588335710e84: Pull complete
588335710e84: Pull complete
588355710e84: Pull complete
588355710e84: Pull complete
588355710e84: Pull complete
588335710e84: Pull complete
```

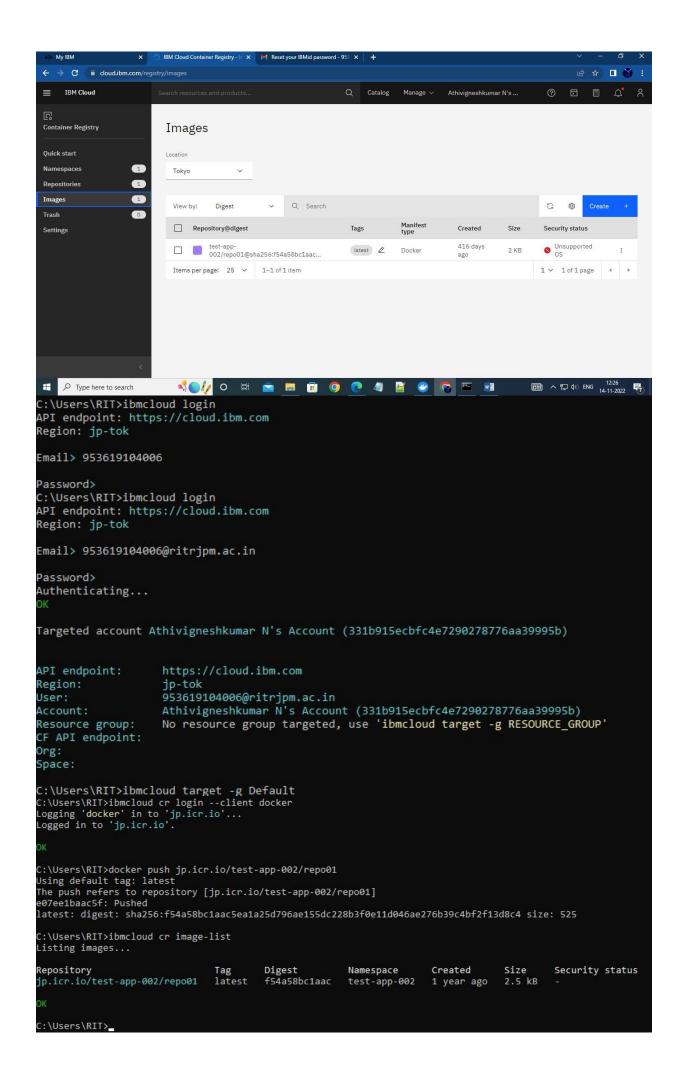
```
C:\Windows\System32\cmd.exe

\[
\text{Microsoft Windows [Version 10.0.19043.2006]}
\[
\text{(c) Microsoft Corporation. All rights reserved.}
\]
\[
\text{C:\Users\RIT\Desktop\job-portal-master>code}.
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\text{C:\Users\RIT\Desktop\job-portal-master>code}.
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\text{C:\Users\RIT\Desktop\job-portal-master>code}.
\]
\[
\text{Islanding 750.9S} (13/13) FINISHED
\]
\[
\text{Islanding 750.9S} (13/13) FINISHED
\]
\[
\text{Islanding 1600.1100} \text{Lockerfile}: 328
\]
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\text{Islanding 1600.1100} \text{Lockerfile}: 328
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\text{Islanding 1600.1100} \text{Lockerfile}: 328
\]
\[
\text{Islanding 1600.1100} \text{Locker.10} \text{Ibrary\ubuntu:latest}
\]
\[
\text{Islanding 1600.1100} \text{Locker.10} \text{Ibrary\ubuntu:latest\text\text{Bsha256:4b100.4a2d2asf63b37111f34eb9fa89fa1bf53dd6e4ca954d47} \text{Ro.8s}
\]
\[
\text{Islanding 1600.1100} \text{Locker.10} \text{Locker.10} \
```



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





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

