

ASSIGNMENT 4

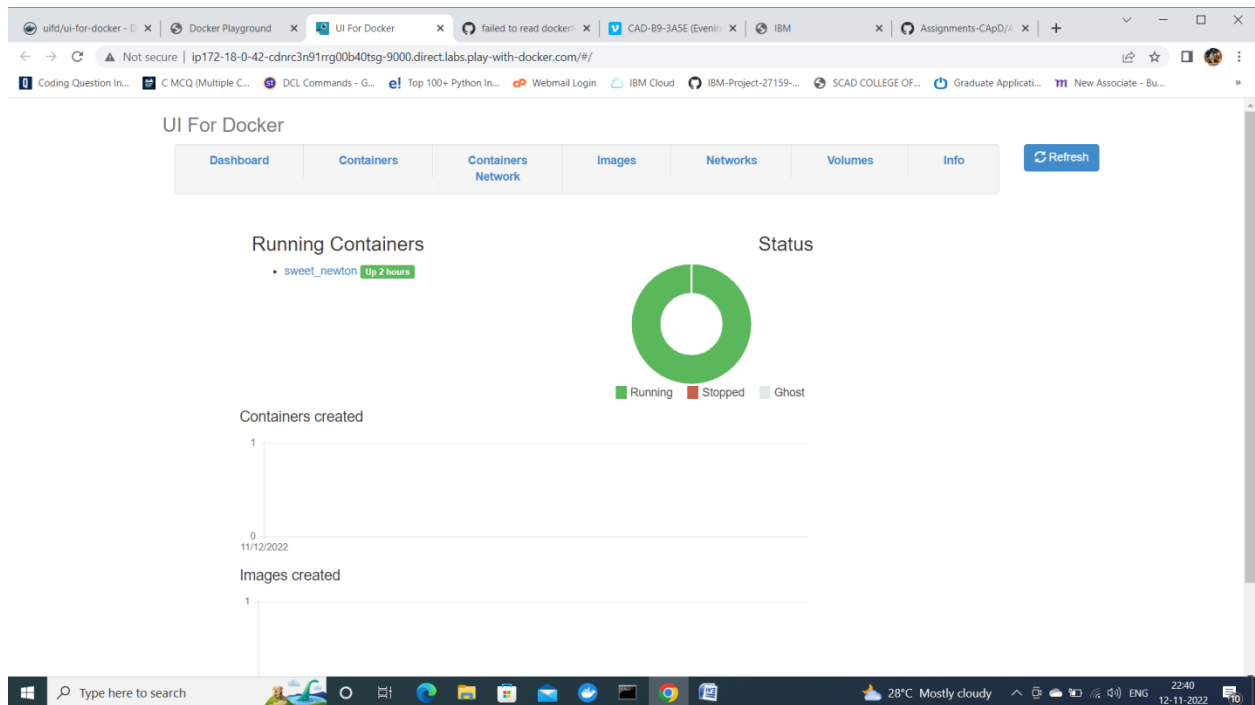
DATE	29 Oct 2022
TEAM ID	PNT2022TMID50561
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1. Pull an Image from docker hub and run it in docker playground.

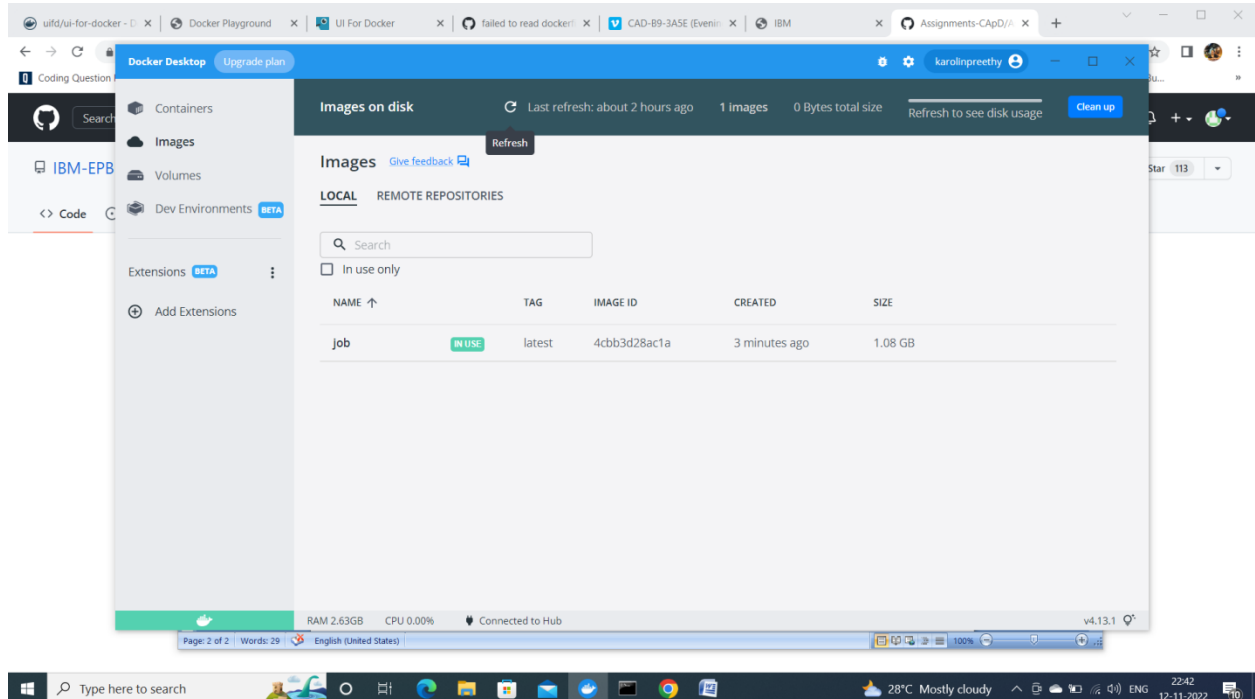
The screenshot shows the Docker Playground interface in a web browser. The top navigation bar includes tabs for 'uifd/ui-for-docker', 'Docker Playground', 'UI For Docker', and others. The main content area displays the instance 'cdnrc3n9_cdnrc7791rrg00b40tt0' with its IP address '192.168.0.28' and a port '9000' that has been opened. The instance's memory usage is 1.76% (70.45MiB / 3.906GiB) and CPU usage is 0.61%. A terminal window is open, showing the following commands and output:

```
completely the user's responsibilities.
# The PWD team.
#####
[node1] (local) root@192.168.0.28 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[node1] (local) root@192.168.0.28 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
25b14a5824f316a9b5b013bf536f7830466df1f2351c4006ff4b5ccb98eb3b14
[node1] (local) root@192.168.0.28 ~
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
uifd/ui-for-docker  latest     965940f98fa5  6 years ago  8.1MB
[node1] (local) root@192.168.0.28 ~
$
```

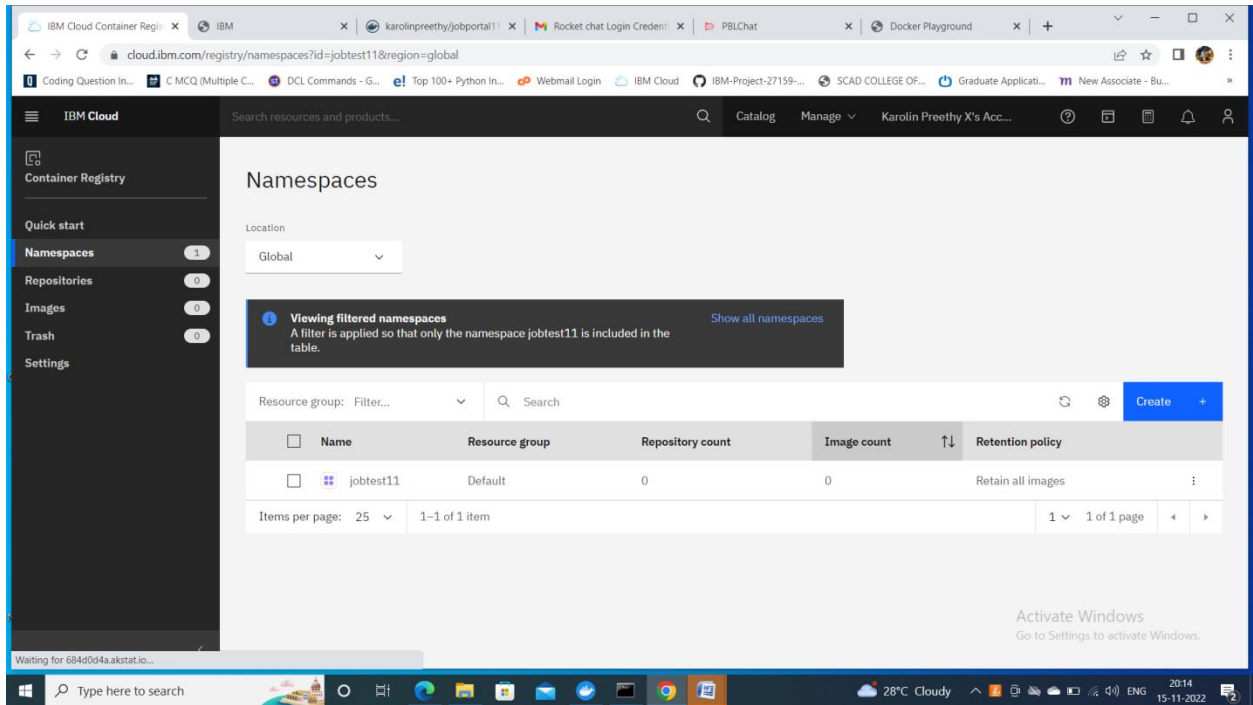
The bottom of the screenshot shows a Windows taskbar with the search bar, task view button, and several open applications including Edge, File Explorer, and Docker Desktop. The system tray shows the date and time as 22:39 on 12-11-2022.



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



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 nodeport.

