

ASSIGNMENT 4

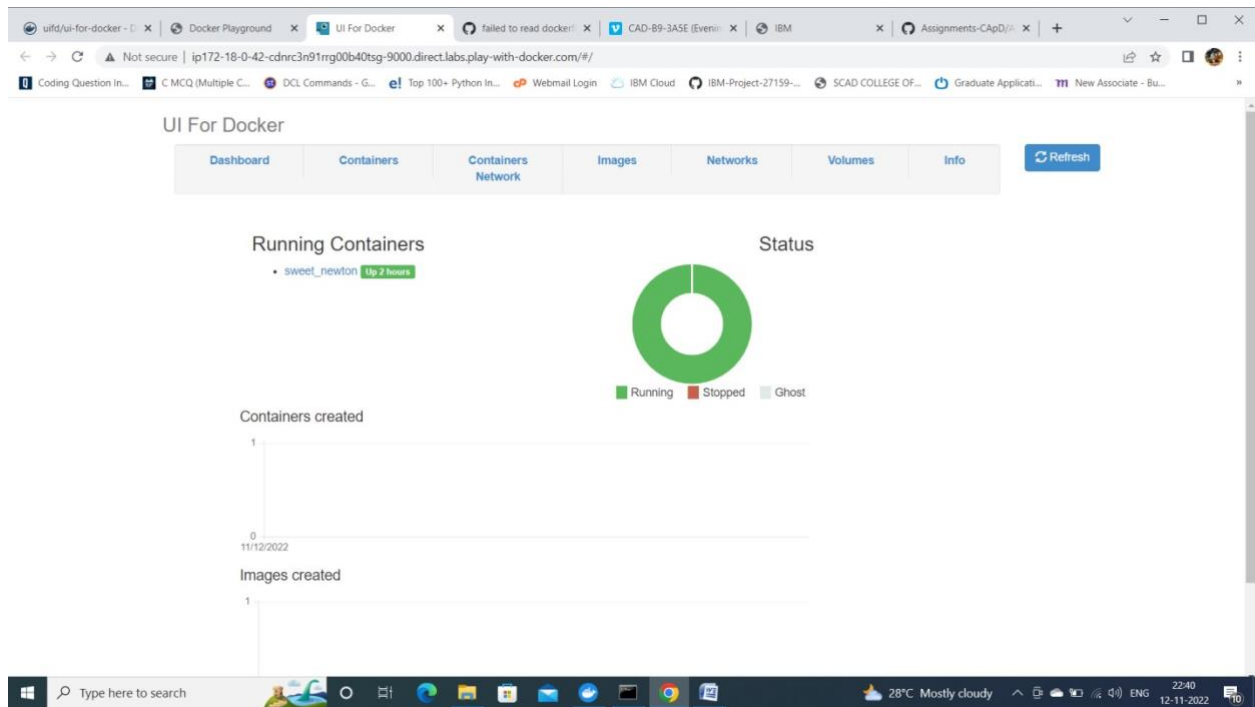
DATE	29 Oct 2022
TEAM ID	PNT2022TMID50561
NAME	Nandini D
REGISTER NUMBER	952819104033

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

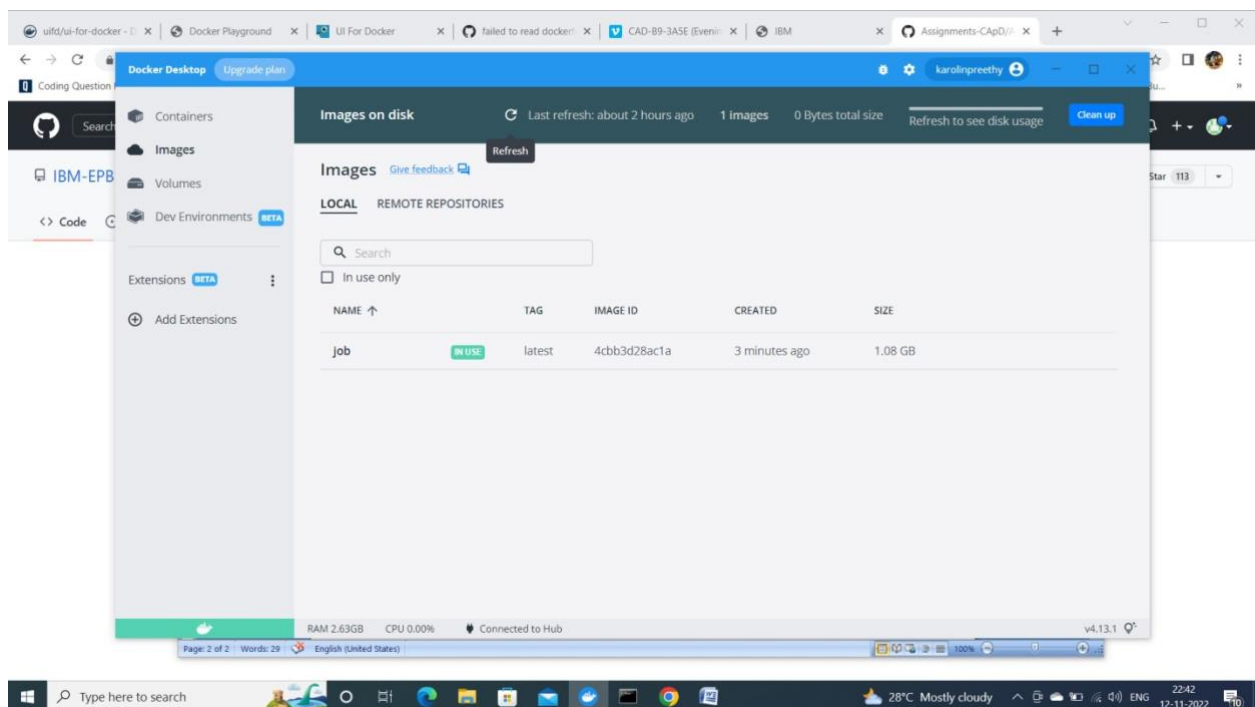
The screenshot displays the Docker Playground web interface. On the left, a sidebar shows a timer at 01:55:32, a 'CLOSE SESSION' button, and a list of instances with one instance named 'node1' at IP 192.168.0.28. The main panel shows the details for instance 'cdnrc3n9_cdnrc7791rrg00b40tt0' with IP 192.168.0.28, an open port of 9000, and resource usage of 1.76% memory and 0.61% CPU. Below this, there are 'DELETE' and 'EDITOR' buttons. The terminal window at the bottom shows the following commands and output:

```
# completely the user's responsibilities.
# The FWD 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
25b14a5824f316a9b5b013bf536f783046edf1f2351c4006ff4b5ccb98eb3b14
[node1] (local) root@192.168.0.28 ~
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED      SIZE
uifd/ui-for-docker  latest     965940f9fa5   6 years ago  8.1MB
[node1] (local) root@192.168.0.28 ~
$
```

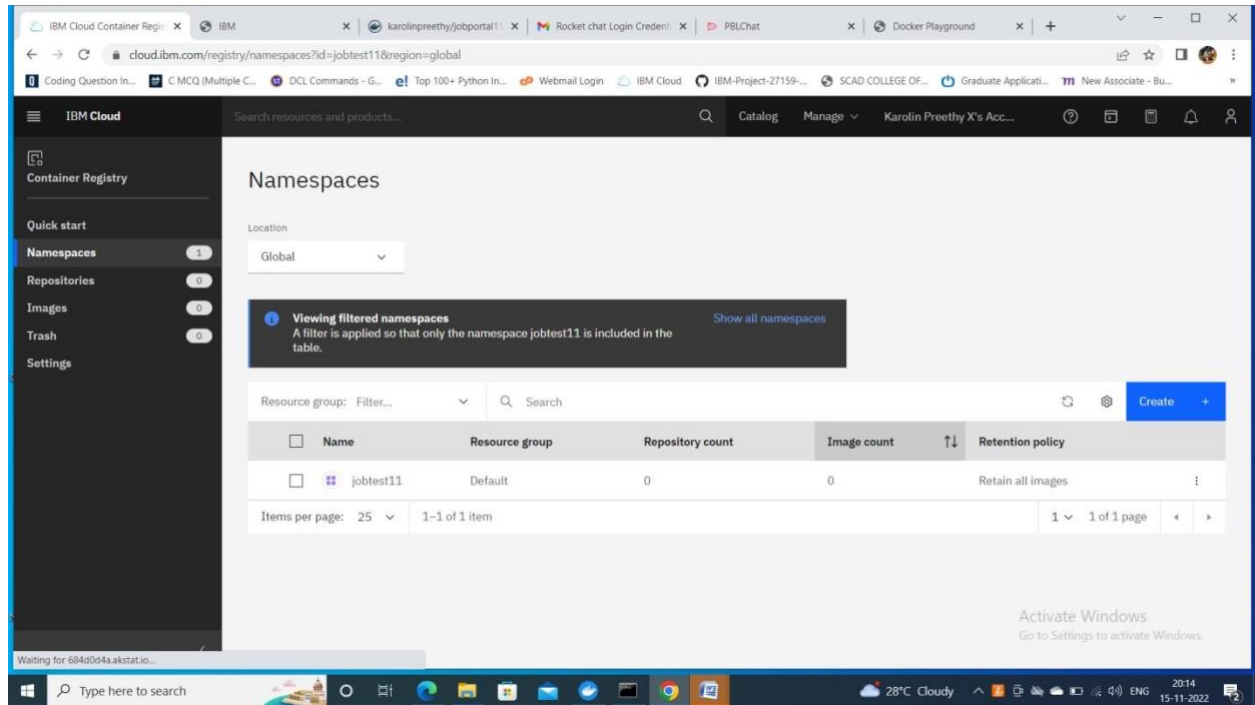
The Windows taskbar at the bottom shows the date as 12-11-2022 and the time as 22:39.



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.

