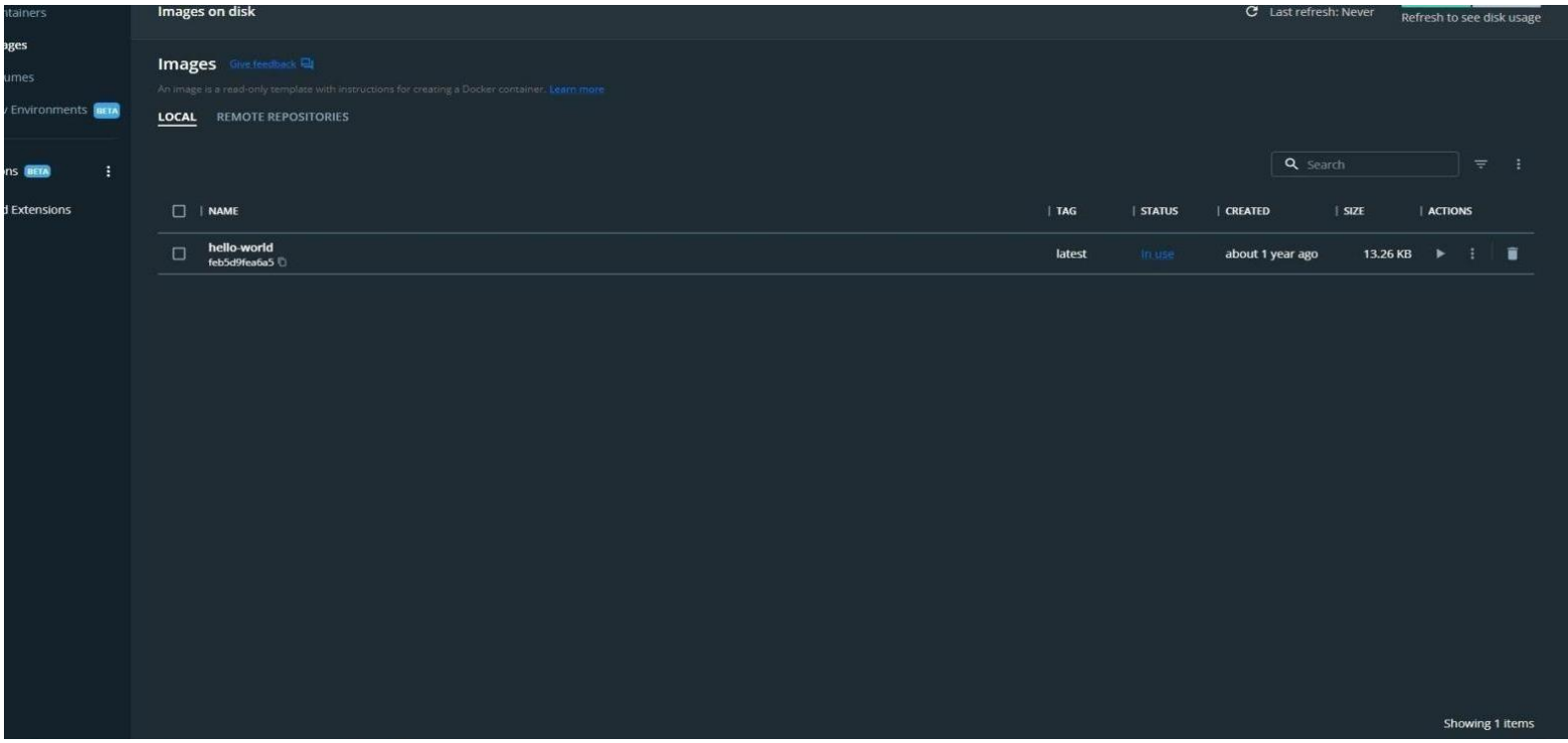
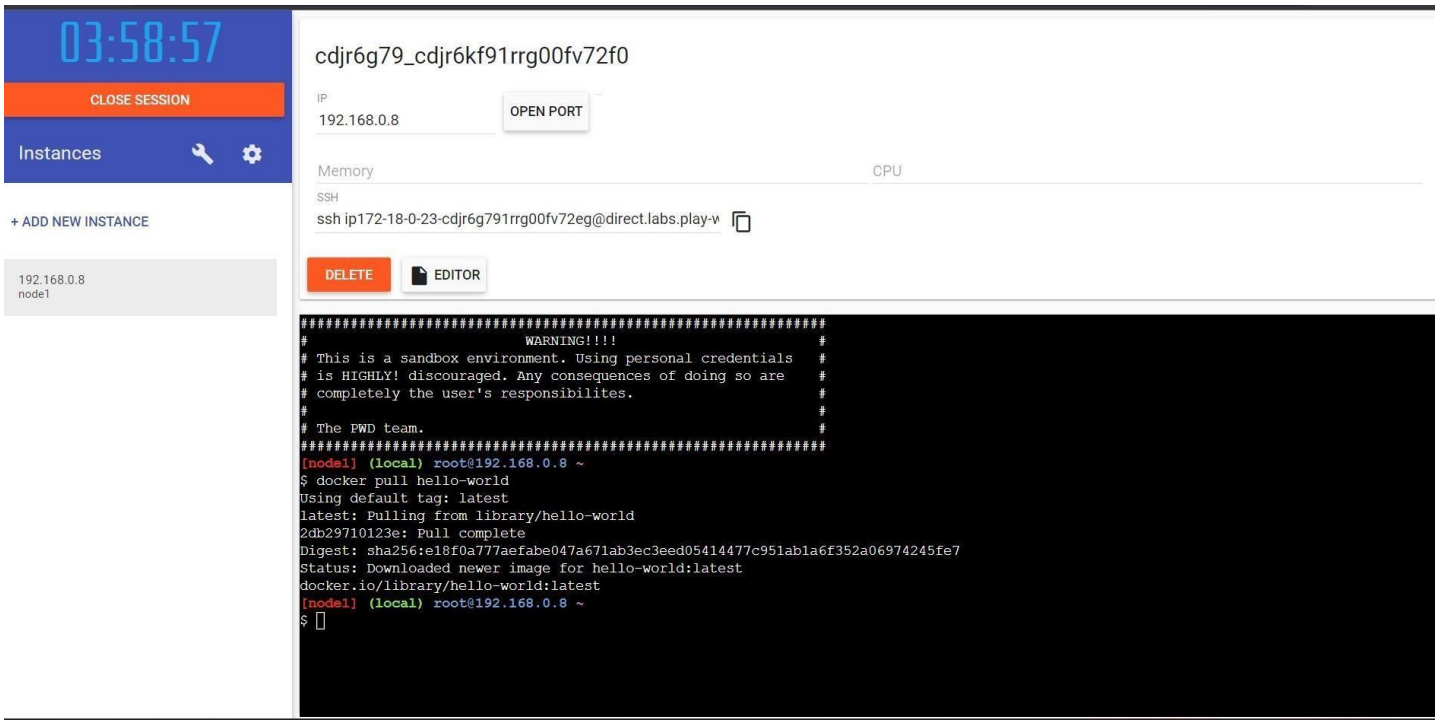
ASSIGNMENT – 4

Date	11 NOV 2022
Name	V.JAYA SUNDAR
Team ID	PNT2022TMID47773
Project Name	Nutrition Assistant Application

Question 1:

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





Question 2:

Create a docker file for the job portal application and deploy it in Docker Desktop Application

FROM helloworld:latest

WORKDIR ~/Desktop/

ADD . helloworld/

WORKDIR

~/Desktop/htmlfile RUN pip

install -r requirements RUN

chmod +x app.sh

CMD ["/bi n/sh","app.sh"]

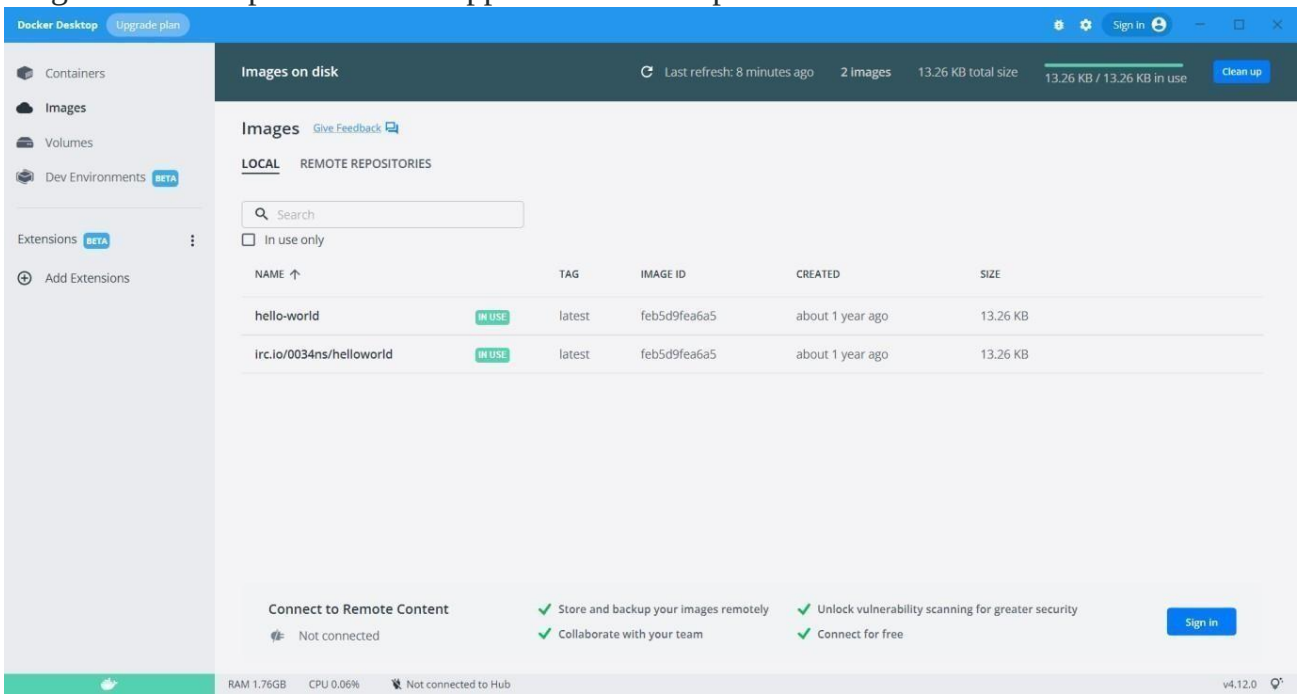
Question 3:

Create an IBM container registry and deploy helloworld app or Job portal app.

```
PS C:\Users\HP> docker tag hello-world icr.io/0034ns/helloworld
PS C:\Users\HP> docker push icr.io/0034ns/helloworld
Using default tag: latest
The push refers to repository [icr.io/0034ns/helloworld]
e07ee1baac5f: Pushed
latest: digest: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 size: 525
```

Question 4:

Create a Kubernetes cluster in IBM cloud and deploy helloworld image or job portal image and also expose the same app to run in node port.



HELLO WORLD
localhost:55368
HELLO WORLD APP
ABOUT
HELLO WORLD