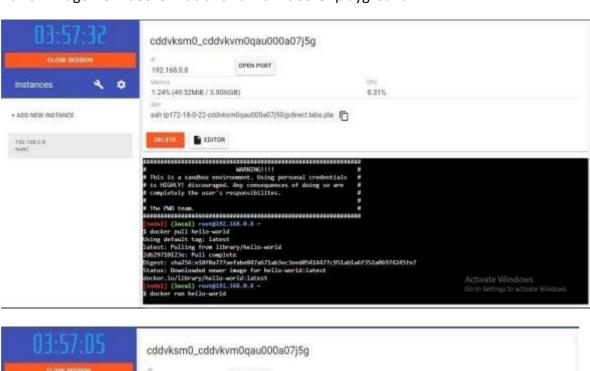
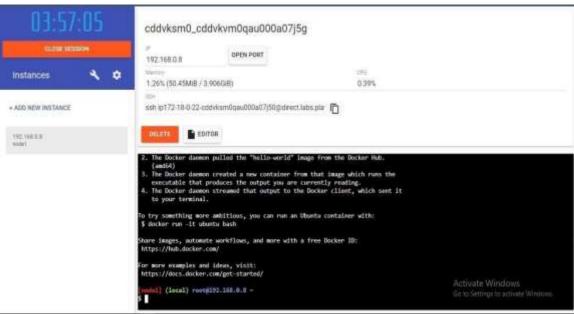
Assignment - 4

Student Name	Hemavarshini D
Student Roll Number	211419104103
Maximum Marks	2 Marks

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.

DOCKER FILE:

```
#UNDER /App

COMP requirements.txt /App/

MIN pip install - requirements.txt

COPY /App/

MIN pip serall - requirements.txt

R

COPY /App/

MIN pip serv dev.mample .env

II

MIN pip serv dev.mample .env

II

MIN pip serv dev.mample .env

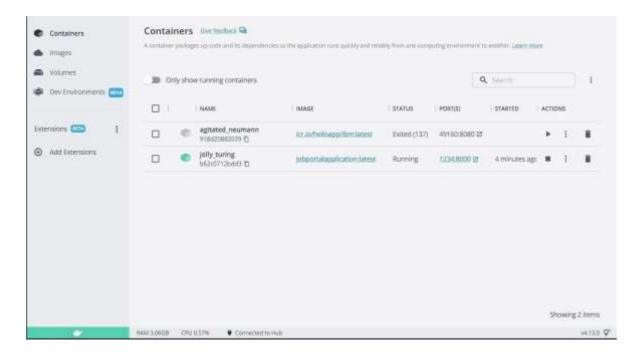
II

COPY /App/

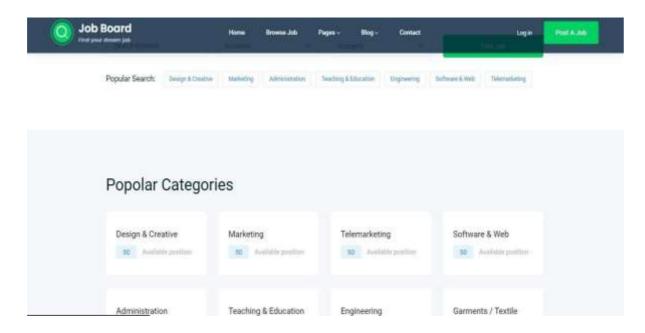
MIN cheed ** entrypoint.ah

No [Tib*] ** Pertrypoint.ah*]
```

DEPLOYMENT OF JOBPORTAL APPLICATION:



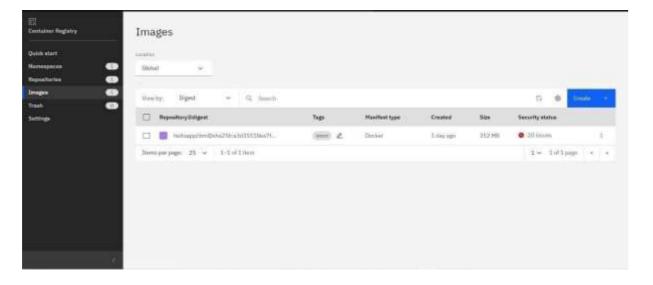
OUTPUT:



Question 3:

Create a IBM container registry and deploy hello-world apport opp. IBM

CONTAINER REGISTRY DEPLOYMENT:



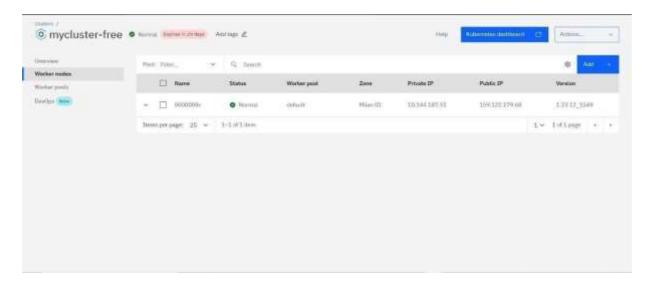
OUTPUT:



Question 4:

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

Creating Kubernetes cluster in IBM cloud and exposing node port:



Output:

