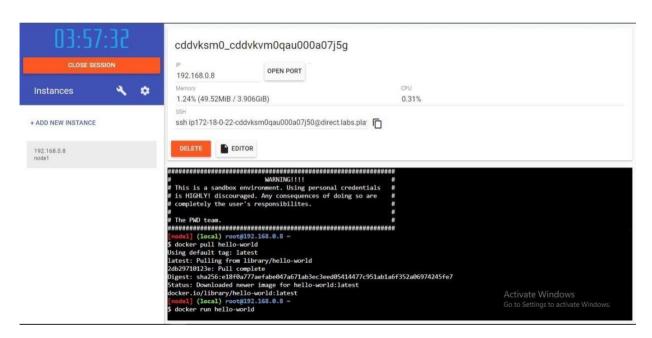
Assignment - 4

Assignment Date	07-11-2022
Student Name	DHANUSHYA N
Student Roll Number	927619BEC4034
Maximum Marks	2 Marks
Team ID	PNT2022TMID15605

Question 1:

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





Question 2:

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

DOCKERFILE:

```
## PACKOTR /app

**COPY requirements.txt /app/

**RUN pip install -r requirements.txt

**COPY . /app/

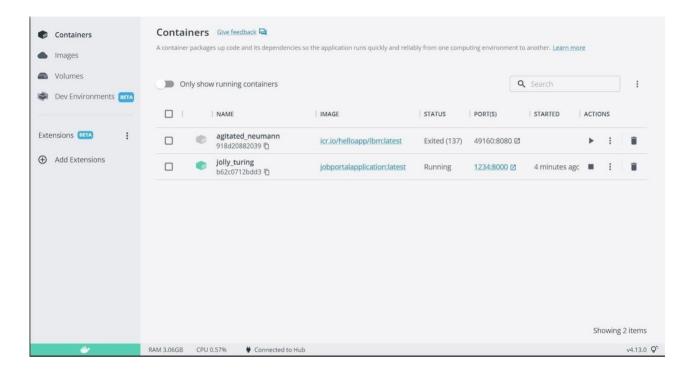
**RUN cp .env.dev.iample .env

**EXPOSE 8888

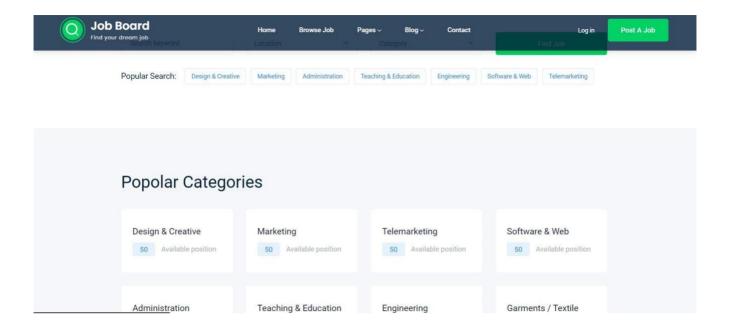
**RUN chmod *x entrypoint.sh

**CMD ["sh", "entrypoint.sh"]
```

DEPLOYMENT OF JOBPORTAL APPLICATION:



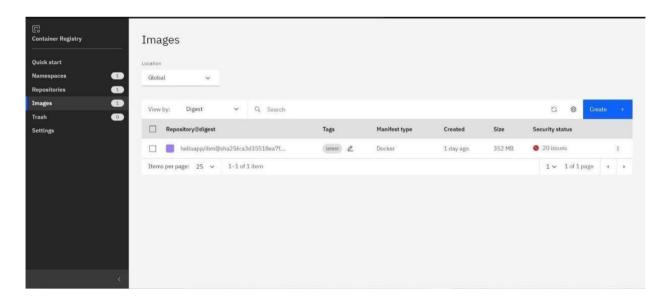
OUTPUT:



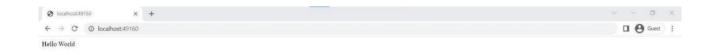
Question 3:

Create a IBM container registry and deploy helloworld app or jobportapp.

IBM CONTAINER REGISTRY DEPLOYMENT:



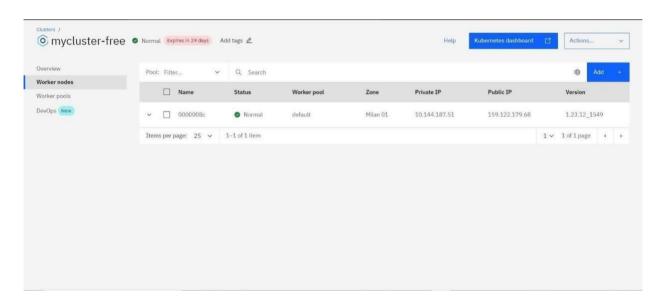
OUTPUT:



Question 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.

Creating kubernetes cluster in IBM cloud and exposing nodeport:



Output:

