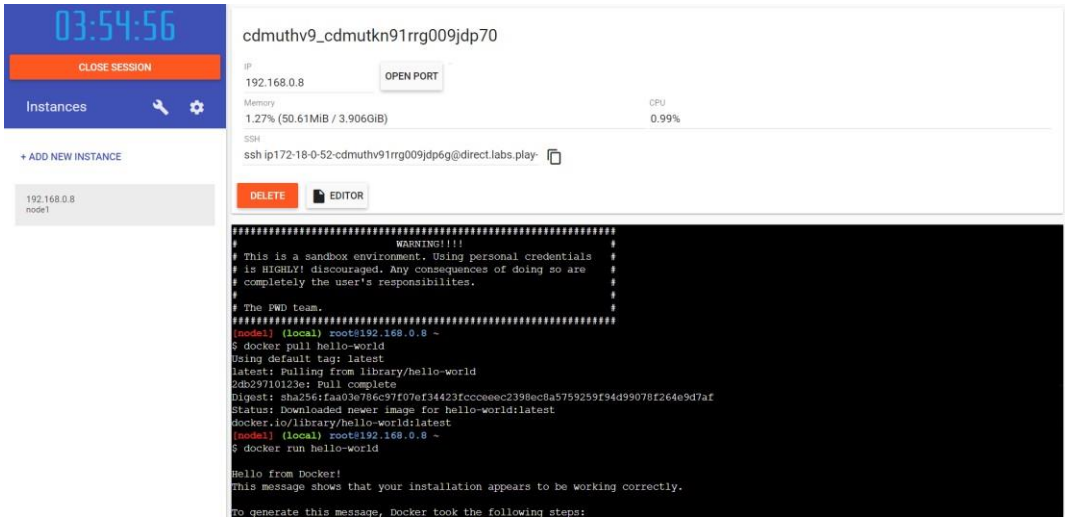
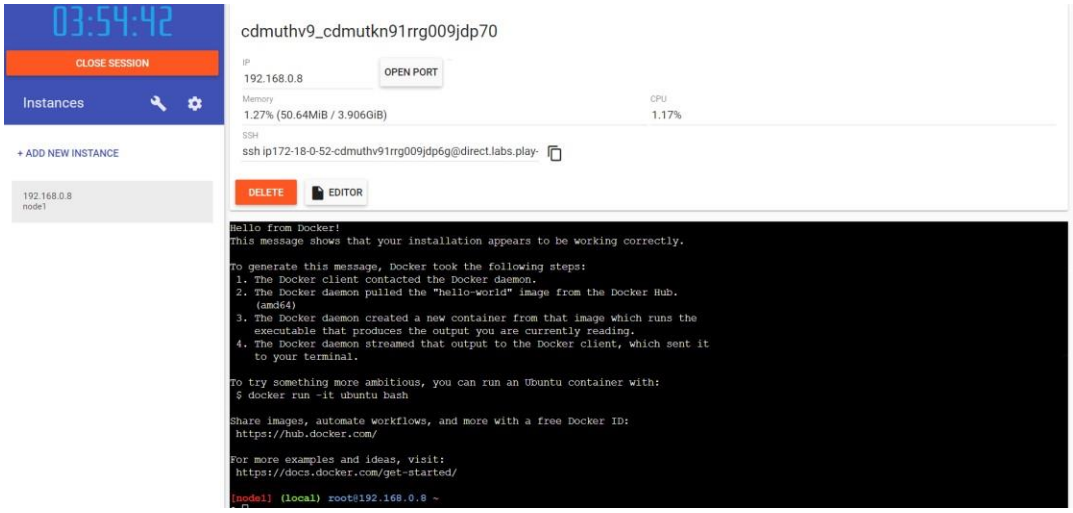
ASSIGNMENT 4

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





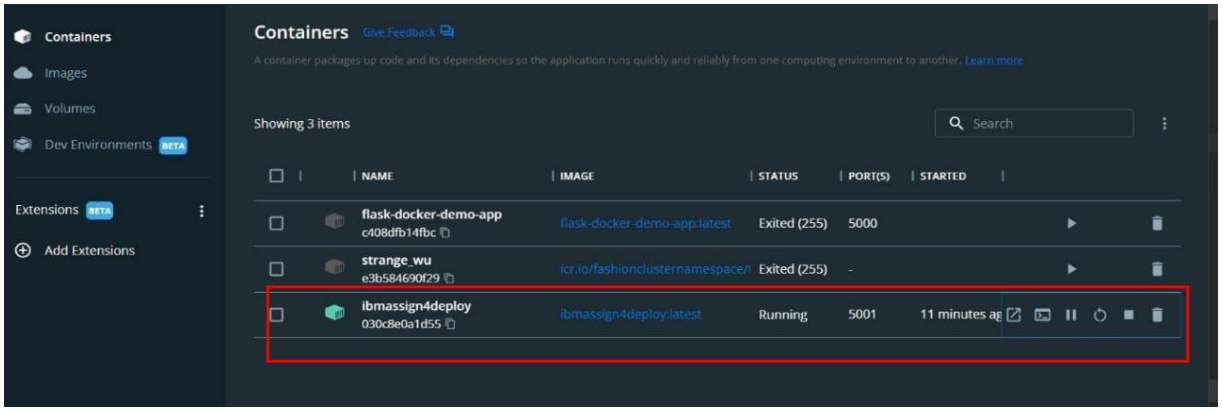
2. **Create a docker file for the job portal application and deploy it inDocker desktop application.**

Docker File:

```
FROM python:3.6
COPY . /app
WORKDIR /app
RUN pip install -r requirements.txt
EXPOSE 5001
ENTRYPOINT [ "python" ]
CMD [ "main.py" ]
```

OUTPUT

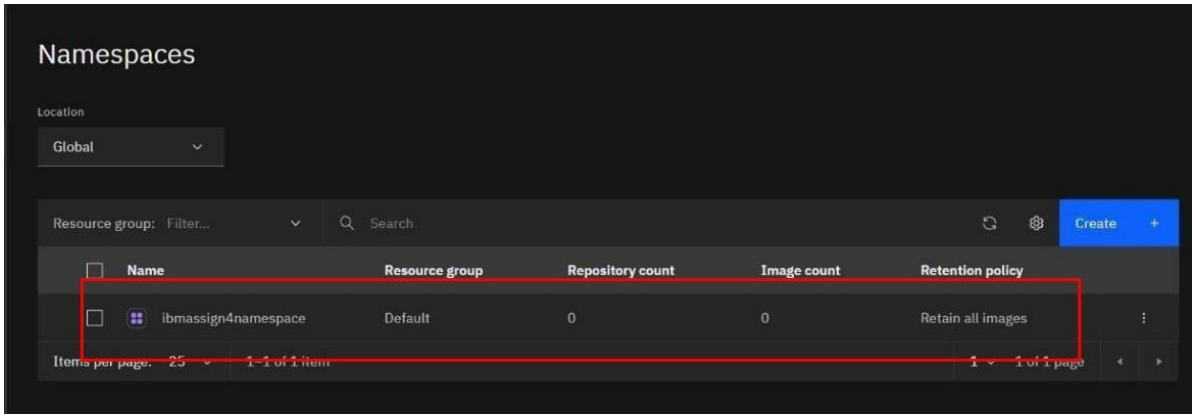
Docker file created and deployed in docker desktop application.



3. **Create a IBM container registry and deploy hello world app orjob portal app.**

OUTPUT

IBM container registry is created and app is deployed.



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**.

Kubernetes cluster is created and app is running at node.