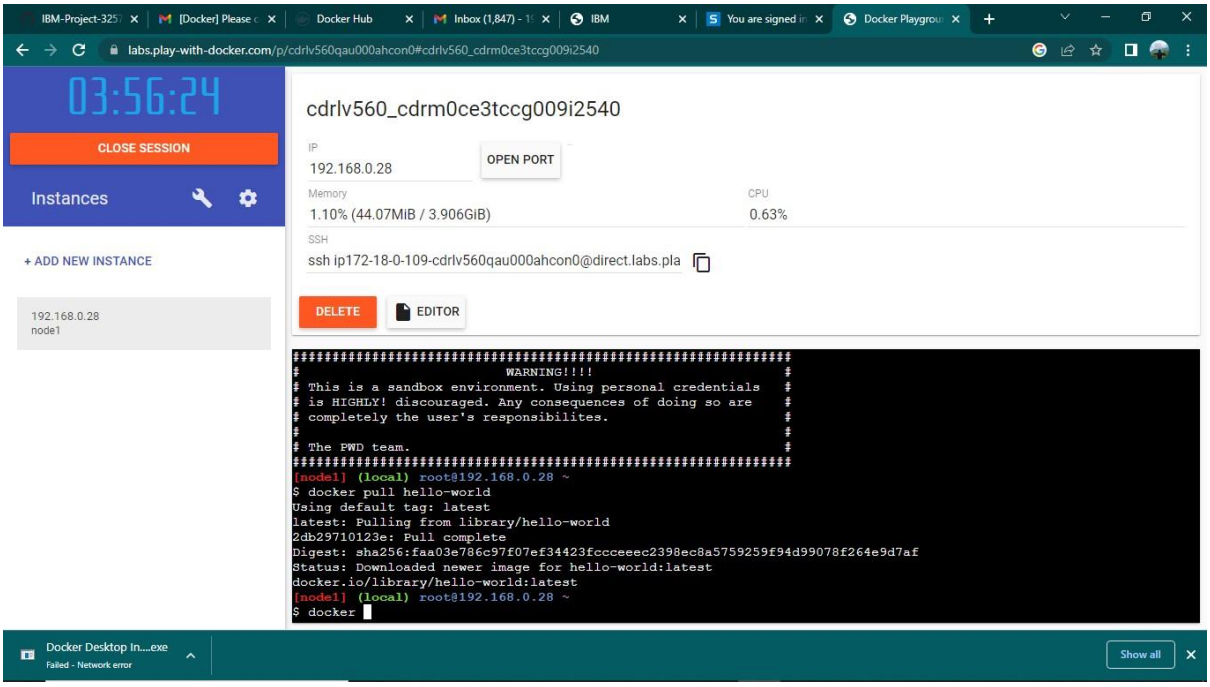
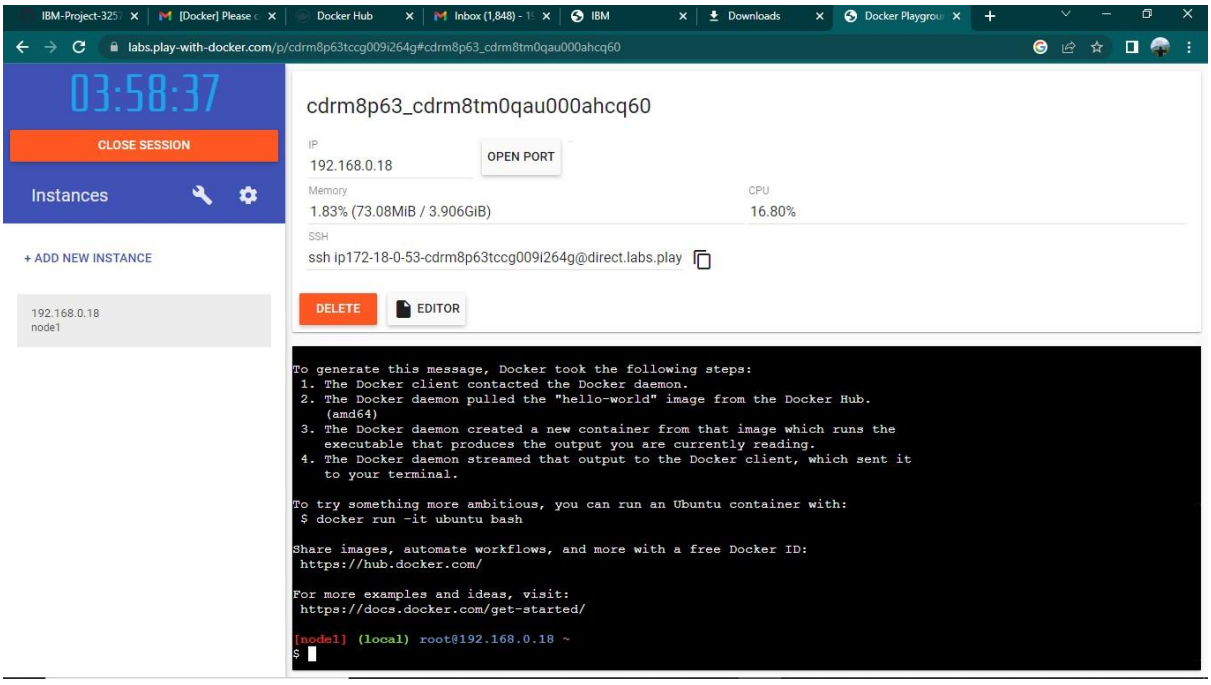
INVENTORY MANAGEMENT SYSTEM FOR RETAILER

Assignment 4

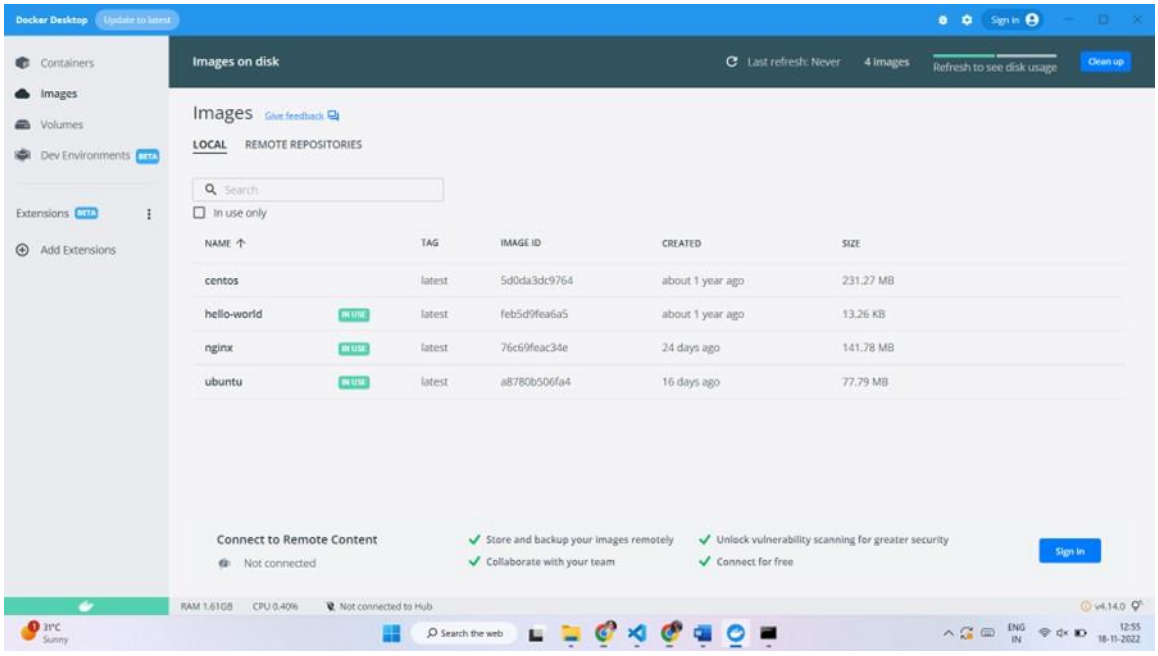
1.Pull an Image from docker hub and run it in docker playground.



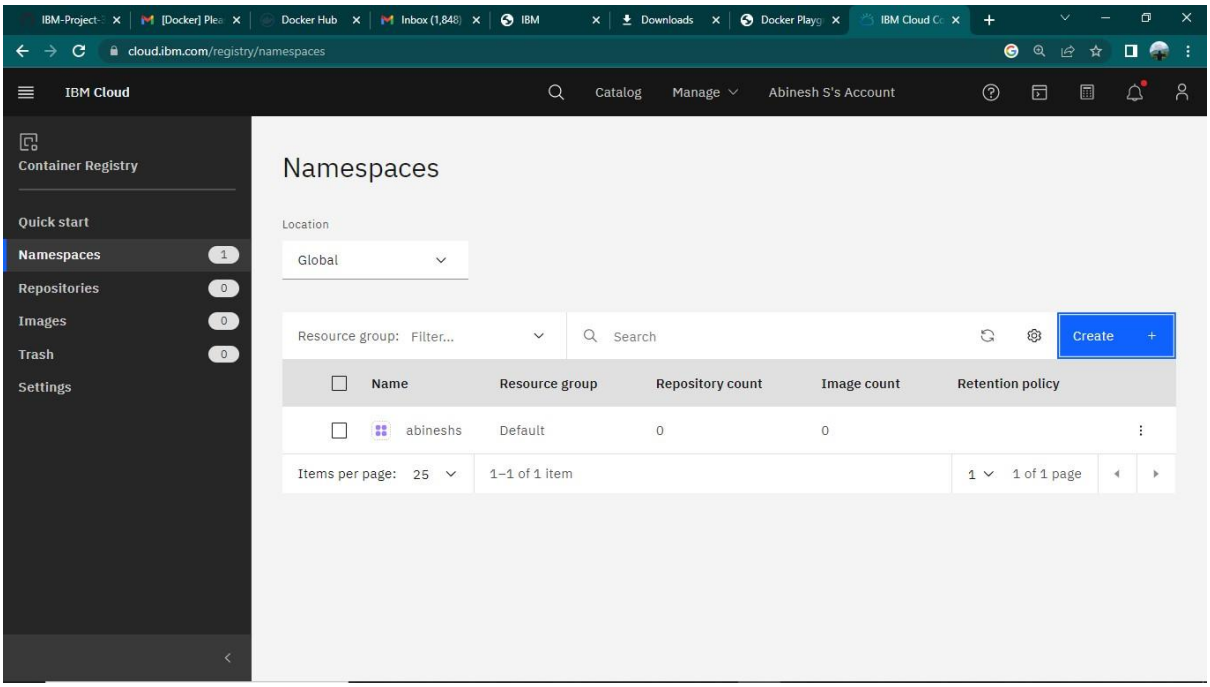


2.Create a docker file for the jobportal application and deploy it in Docker desktop application.

```
FROM python:3.7
COPY. /app
WORKDIR /app
COPY requirements.txt /app
RUN python -m pip install -r requirements.txt
EXPOSE 5001
ENTRYPOINT [ "python" ]
CMD [ "app.py" ]
```



3.Create a IBM container registry and deploy helloworld app or jobportalapp.



Hello World

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.