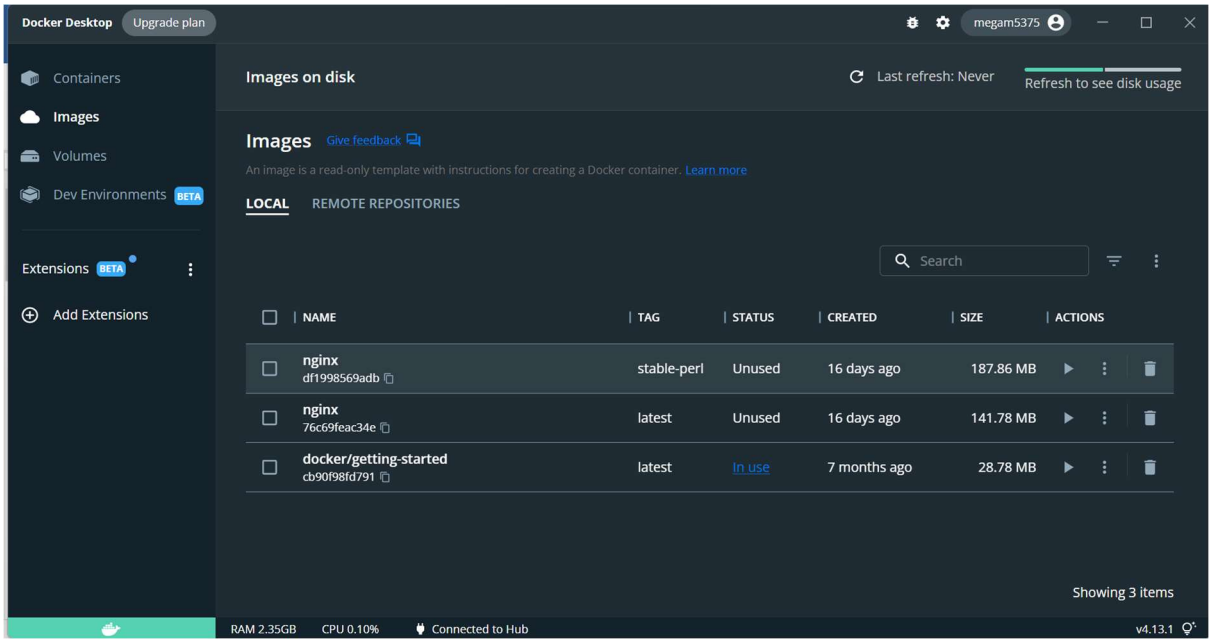
Assignment-4

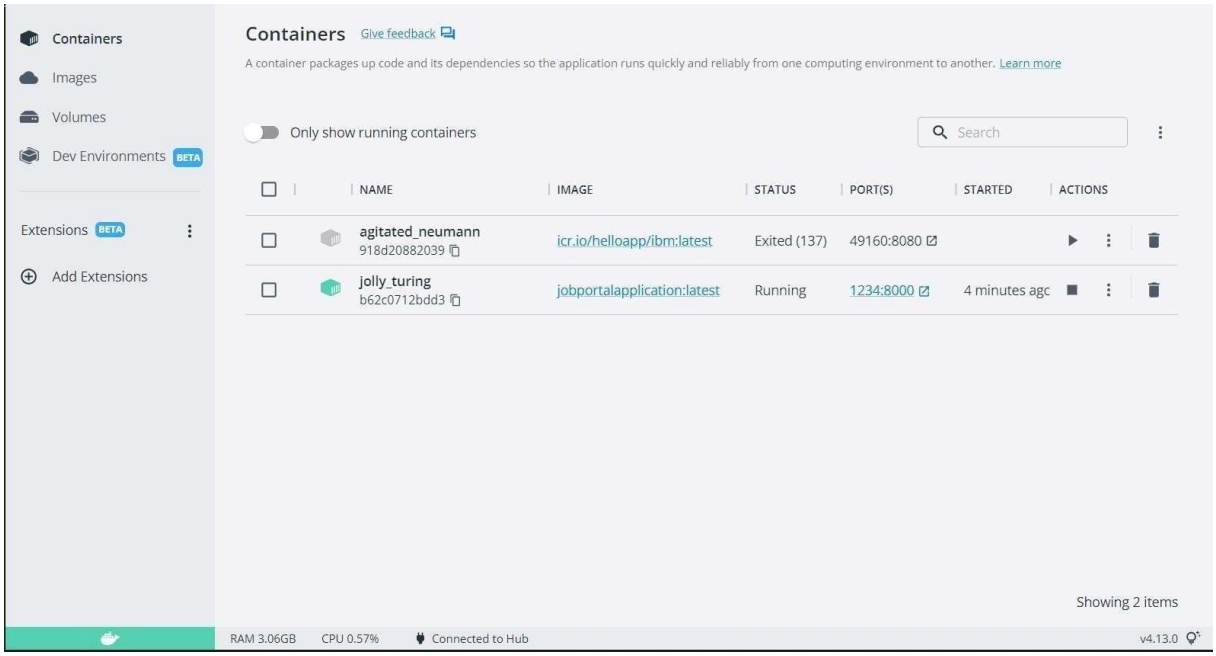
Team ID	PNT2022TMID02938
Project Name	Nutrition assistant application

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

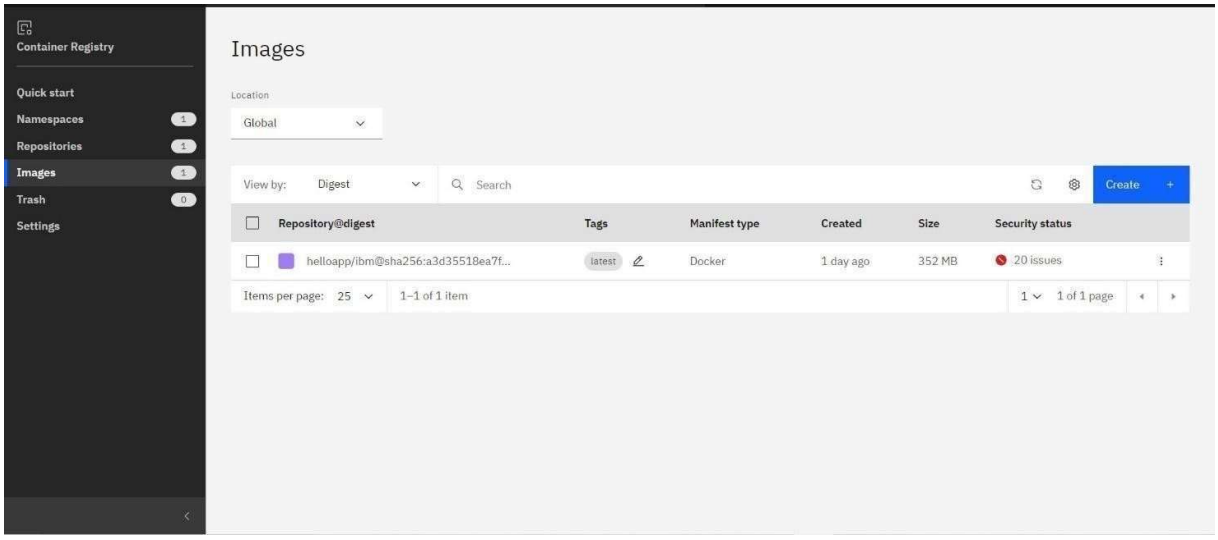


2) Create a docker file for the jobportal application and deploy it in the docker desktop application

```
FROM python:3.8-buster

WORKDIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

COPY . /app/

RUN cp .env.dev.sample .env

EXPOSE 8000

RUN chmod +x entrypoint.sh

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



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



4) Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal imageand also expose the same app to run in nodeport.