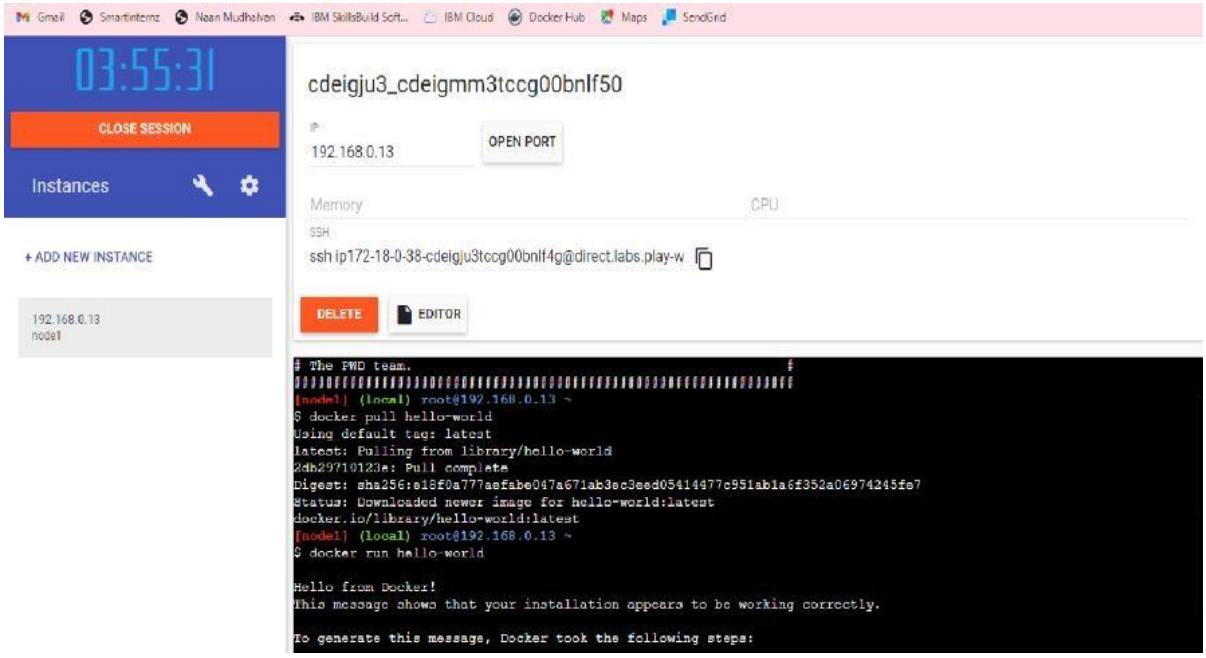
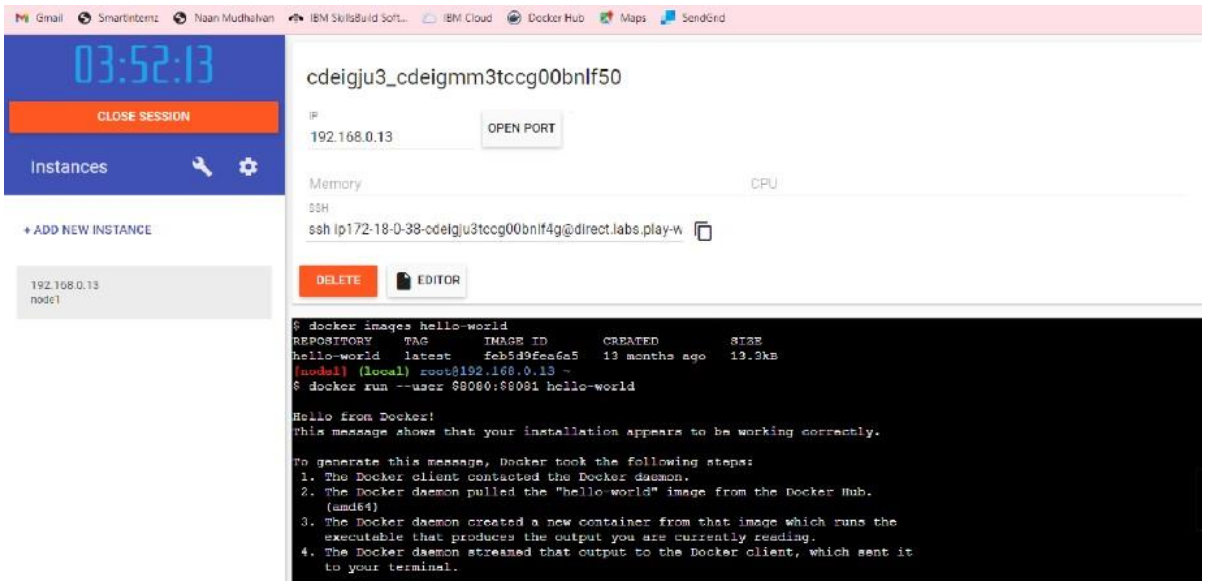
ASSIGNMENT-4

Team ID	PNT2022TMID07403
Project Name	Personal Expense Tracker Application
Maximum Marks	2 Marks
Batch Number	B2-2M4E

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.

FROM jobportal1 : latest

WORKDIR ~/Desktop/

ADD . jobportal1/

WORKDIR ~/Desktop/html

RUN pip install –r requirements

RUN chmod + x app.sh

CMD [“/bin/sh”,”app.sh”]

Question-3:

Create an IBM container registry and deploy helloworld app or job portal app.

```
PS C:\Users\HP> docker tag hello-world icr.io/0034ns/helloworld
PS C:\Users\HP> docker push icr.io/0034ns/helloworld
Using default tag: latest
The push refers to repository [icr.io/0034ns/helloworld]
e07ee1baac5f: Pushed
latest: digest: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 size: 525
```

Question-4:

Create a Kubernetes cluster in IBM cloud and deploy helloworld image or job portal image and also expose the same app to run in nodeport.