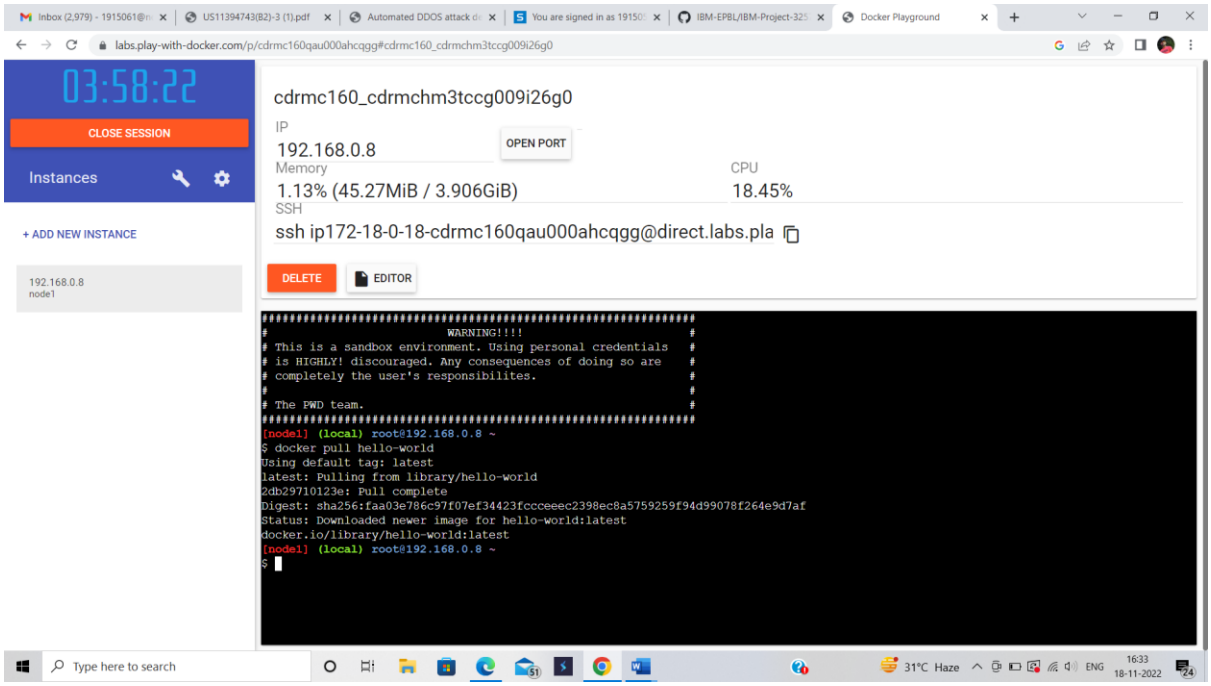
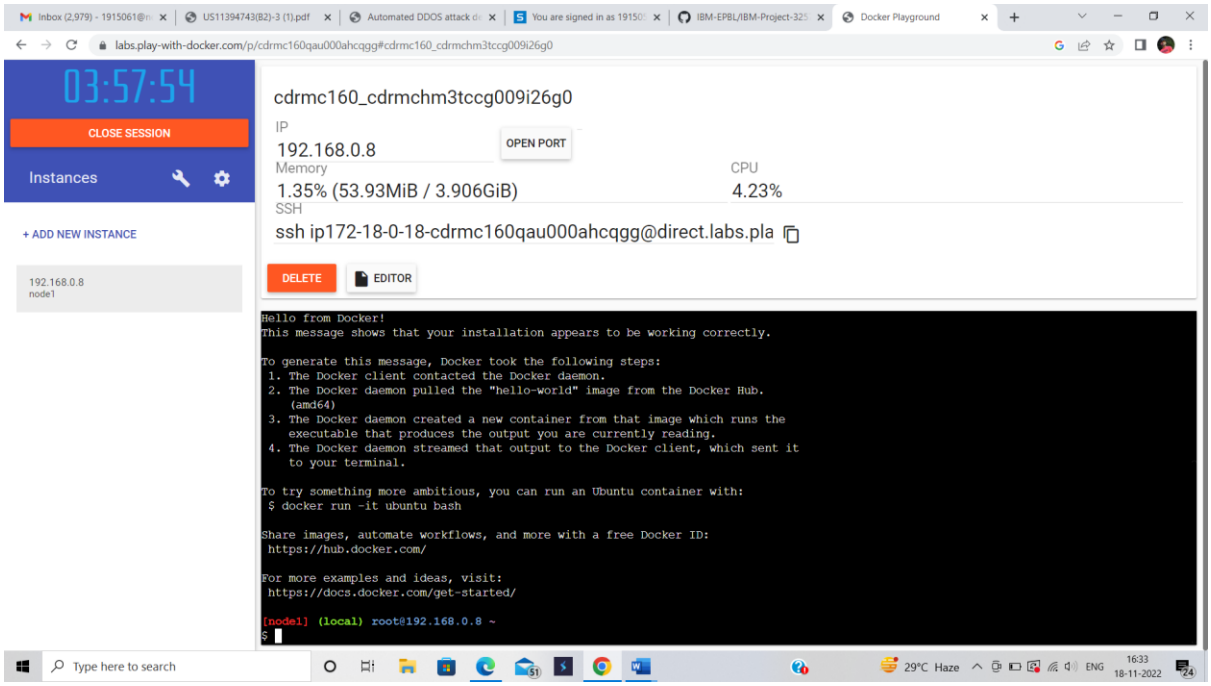
Inventory Management System for Retailer

PNT2022TMID20628
Lakshmanan G-49621915061

ASSIGNMENT-4

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





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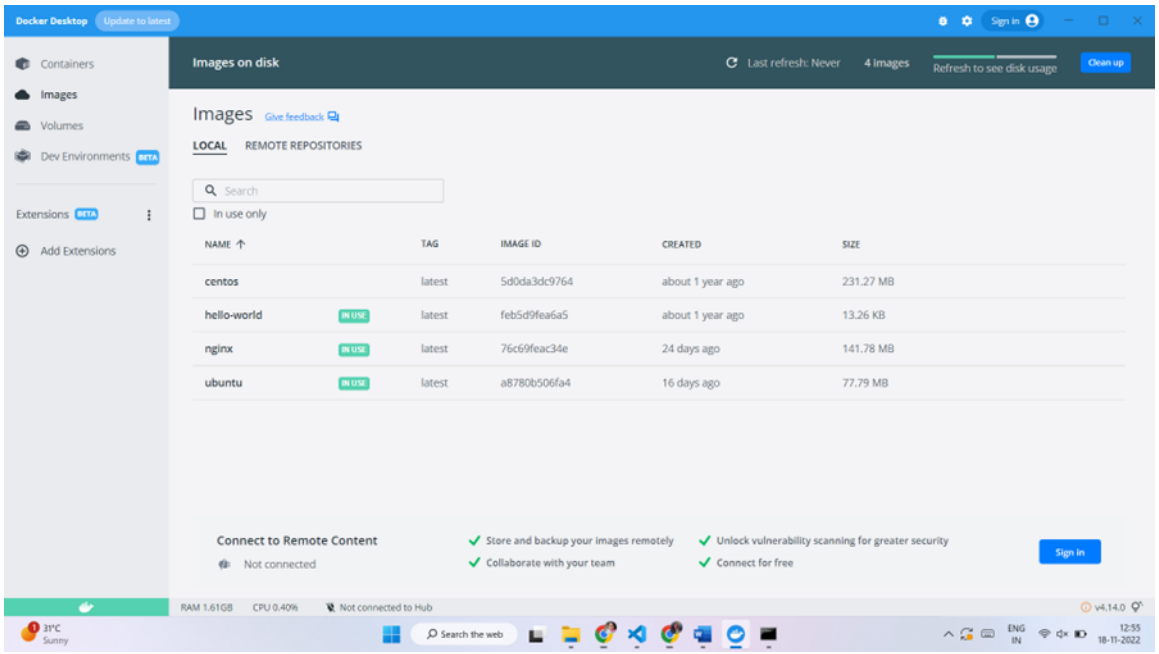
2.Create a docker file for the job portal application and deploy it in Docker desktop application.

```
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" ]
```



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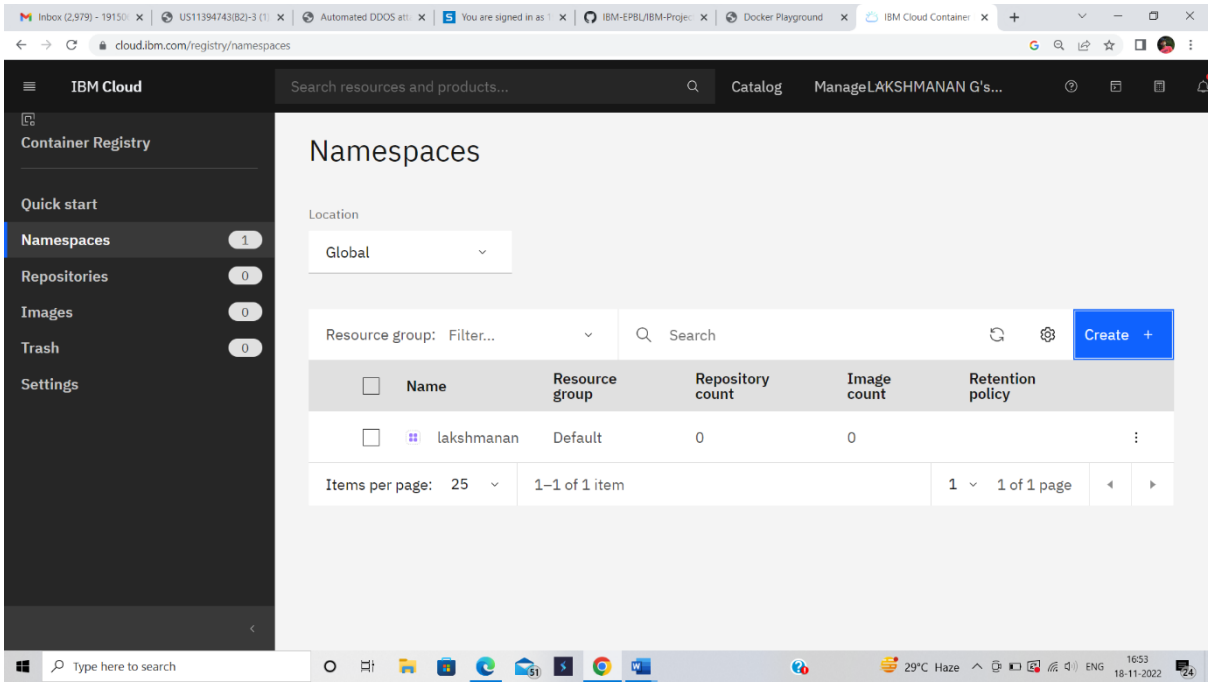
3.Create a IBM container registry and deploy hello world app or job portal app.



Hello World

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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.