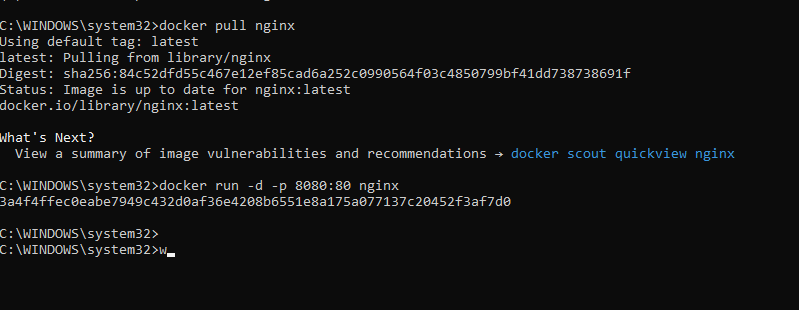
**Name: Aarya Tiwari**

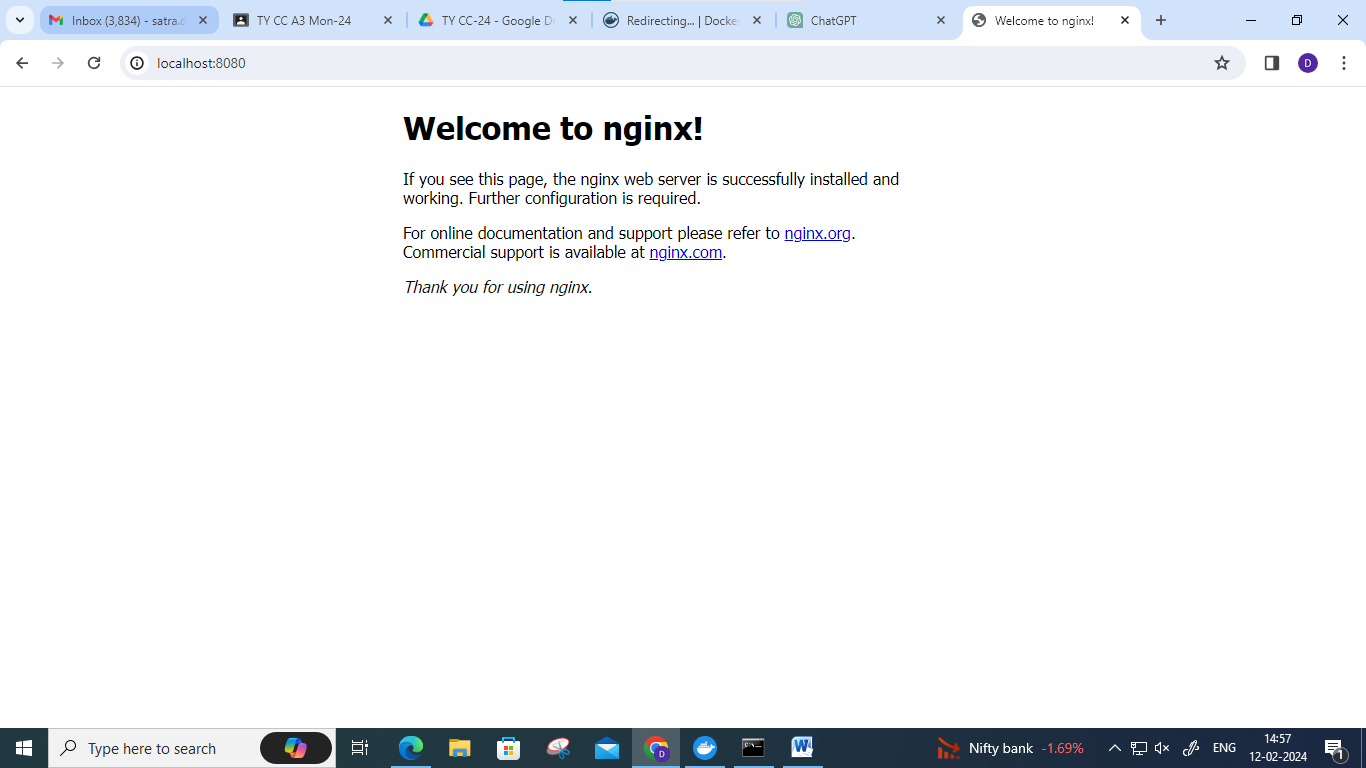
**Roll No : 16010421119**

**Batch A3**

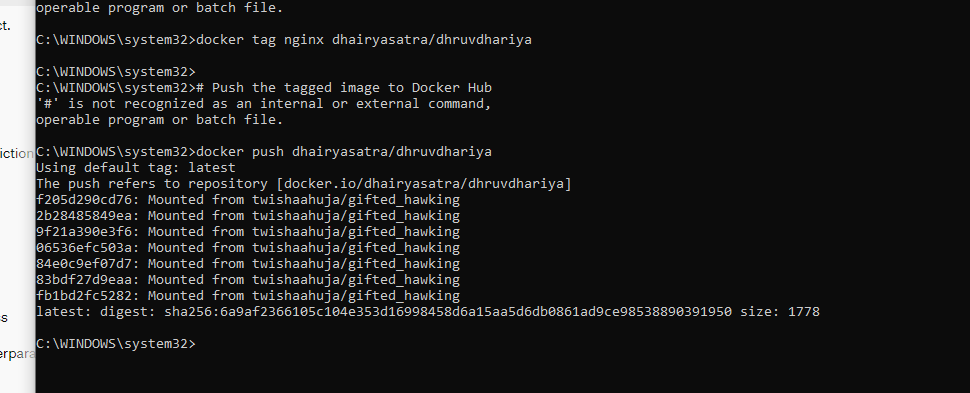
**Experiment Number: 5**



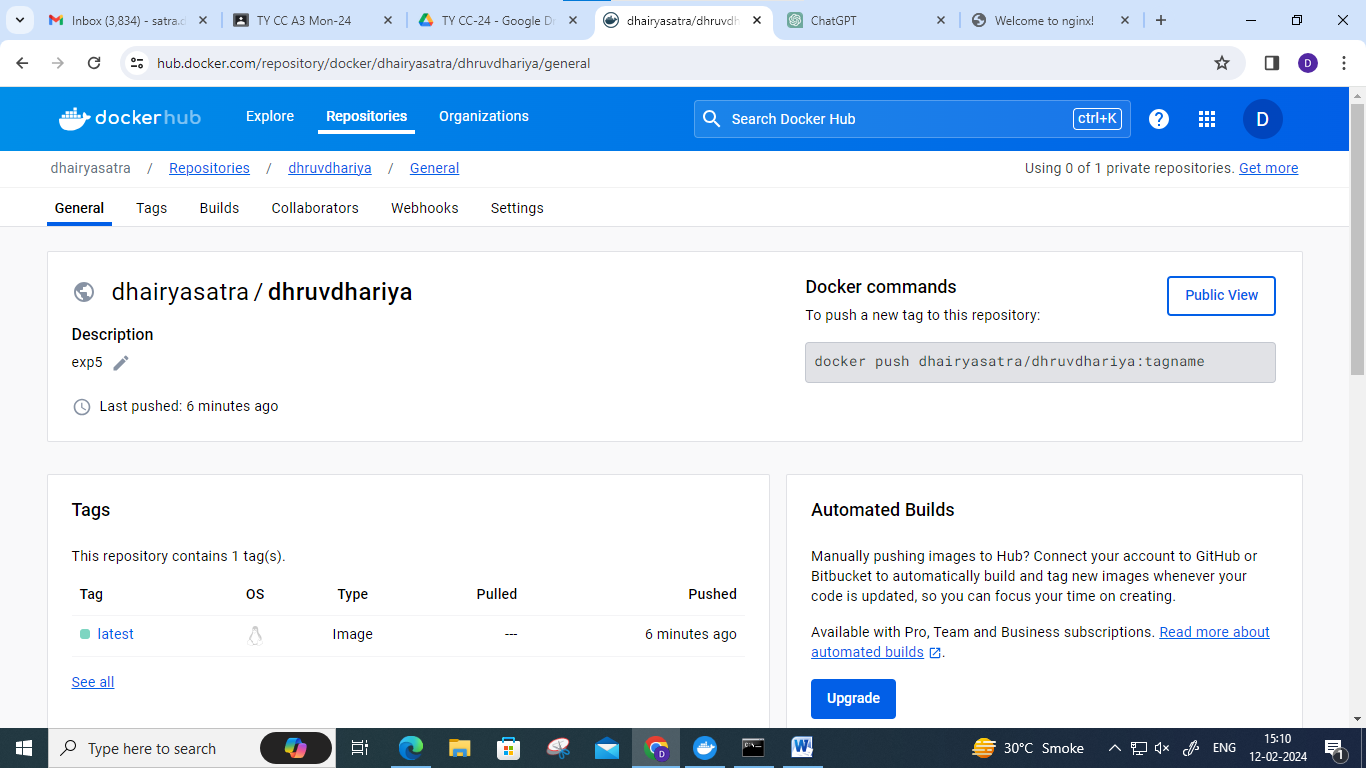
Nginx is running

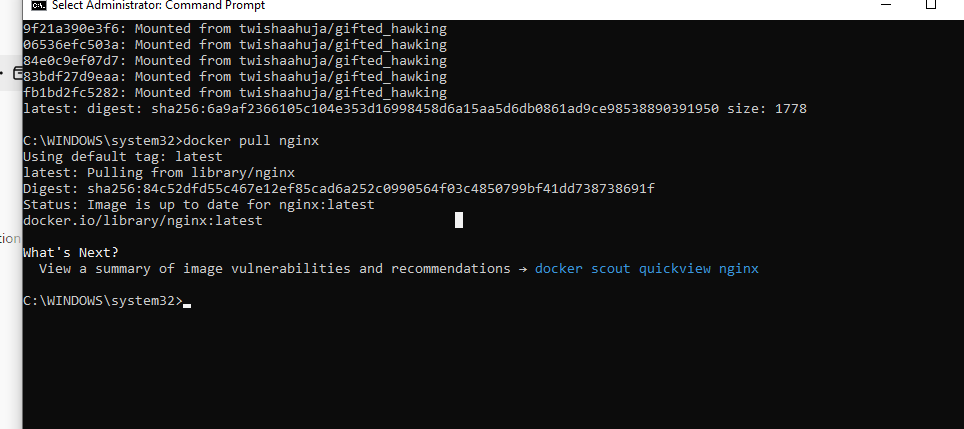


**Push Nginx Image to Docker Hub**:

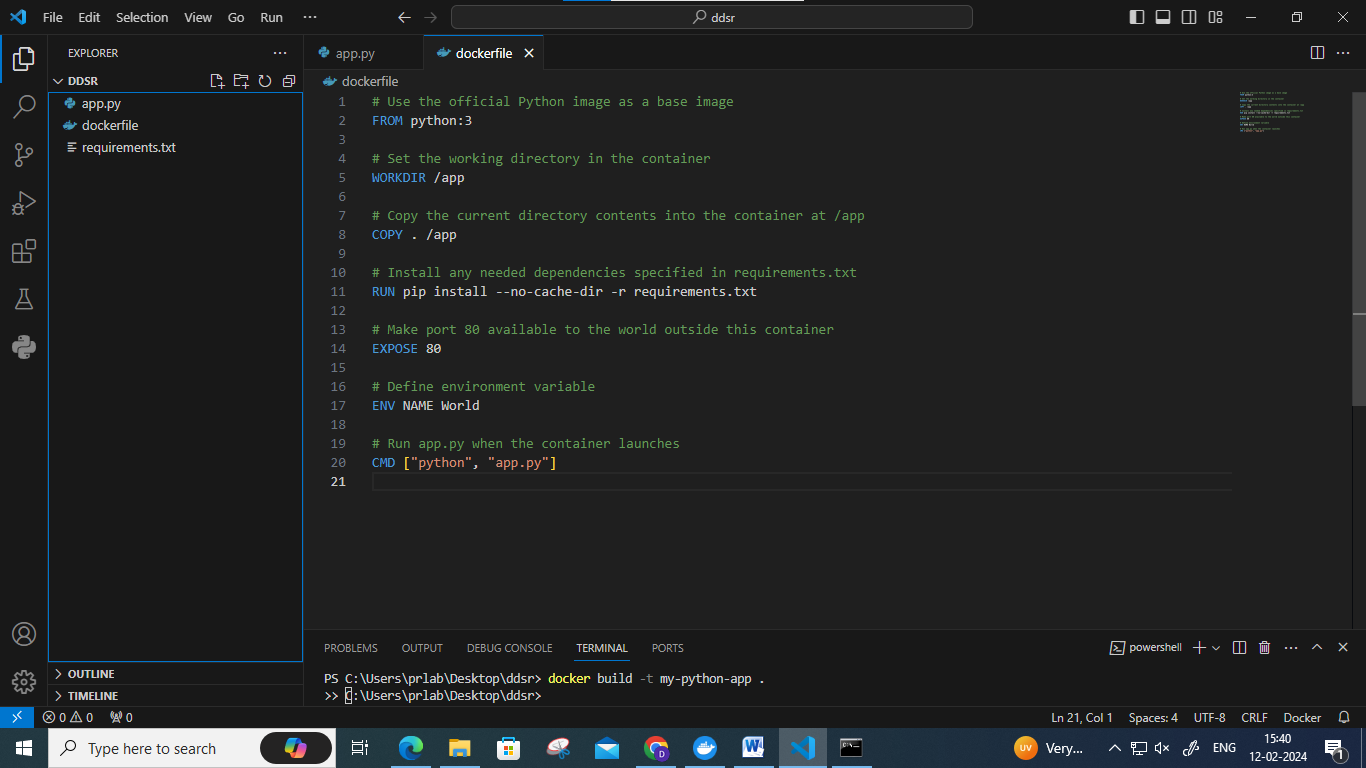


Push successfully to docker app.

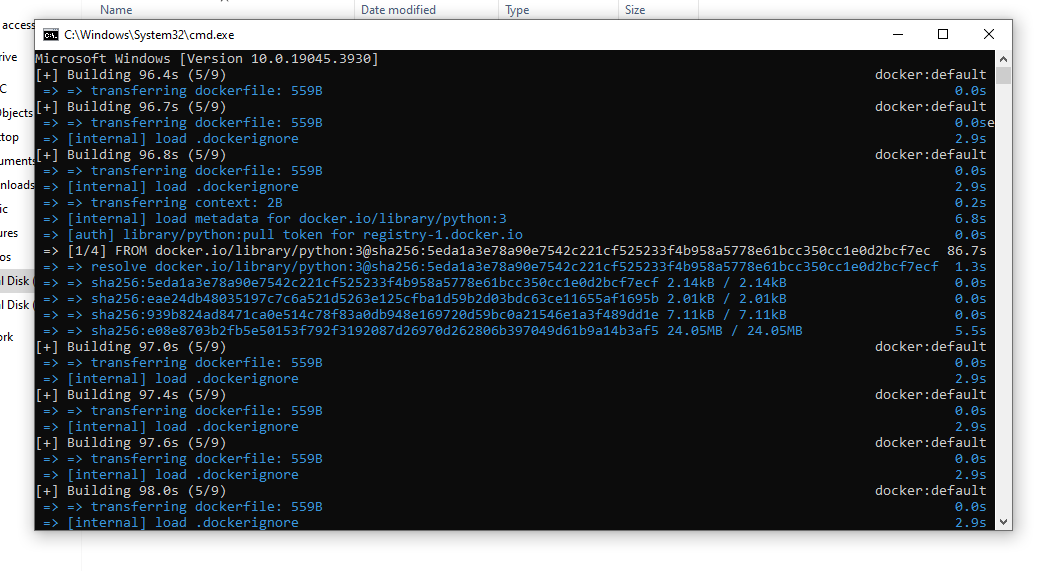


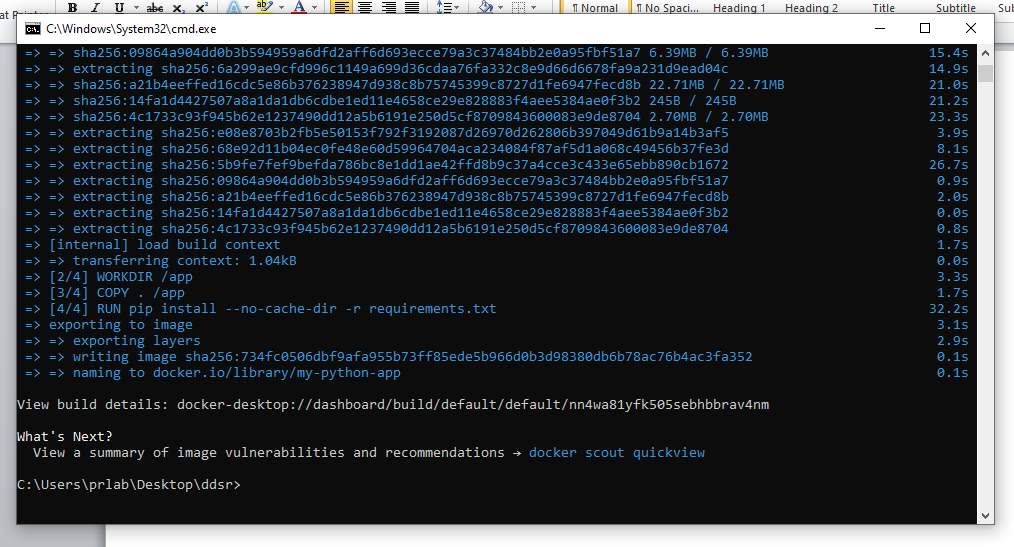


Dockerfile for python script:

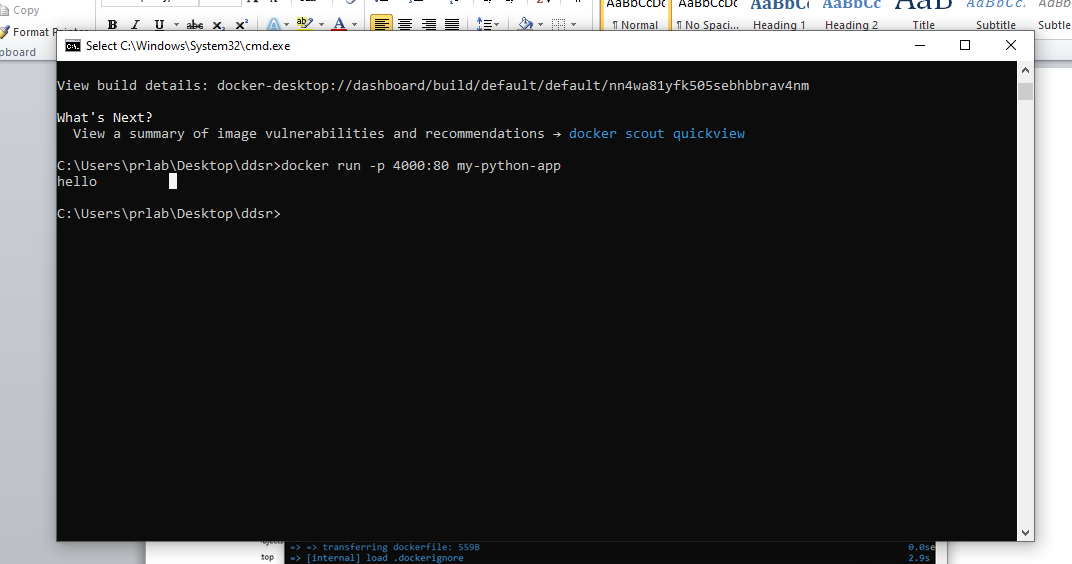


Docker image created for python script

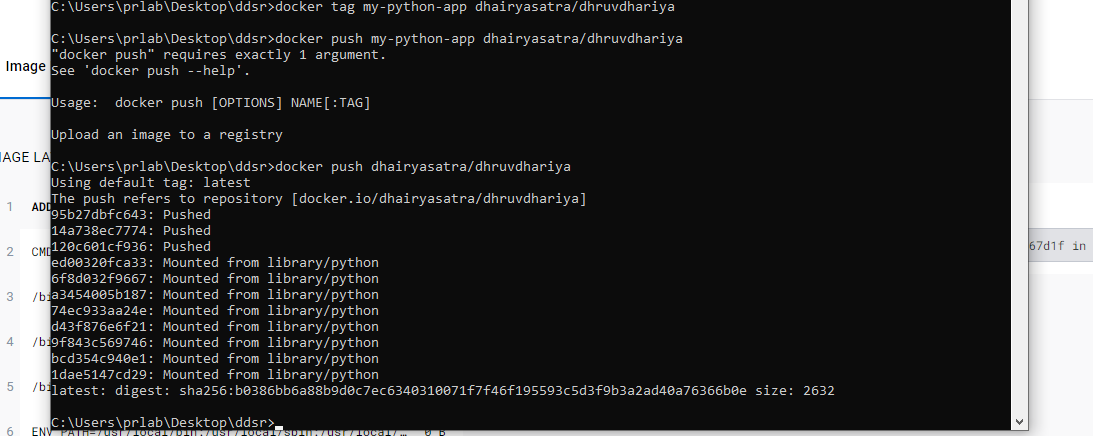




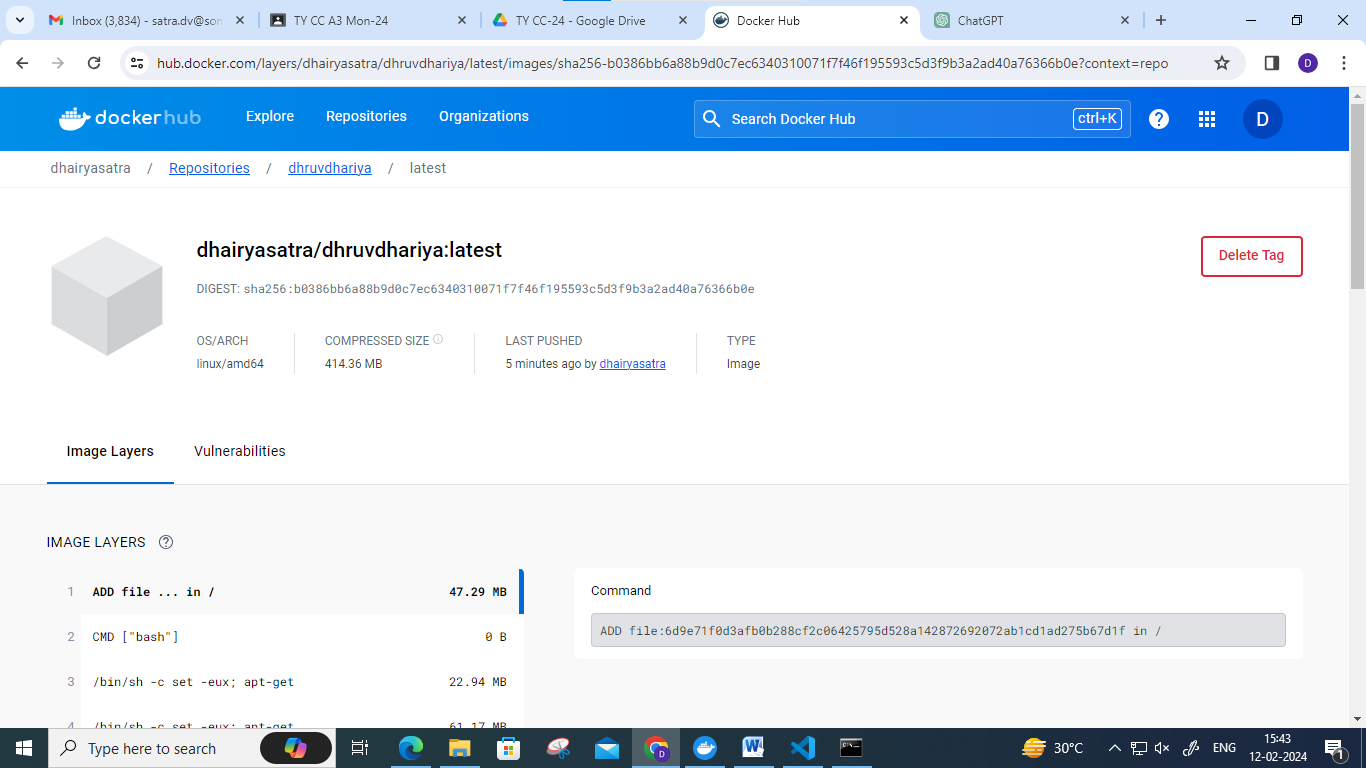
Running python script via docker image



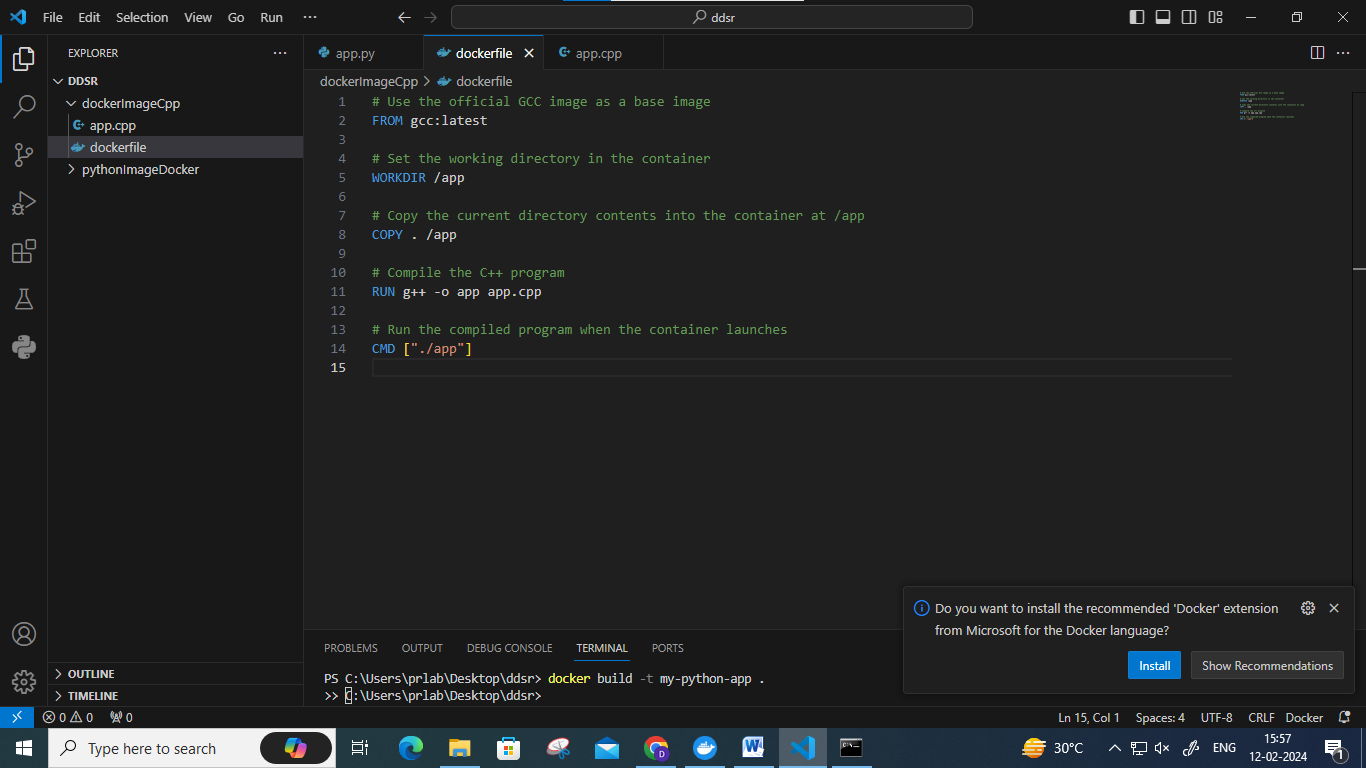
Pushing py.-script image to docker



Python script image pushed to repo.

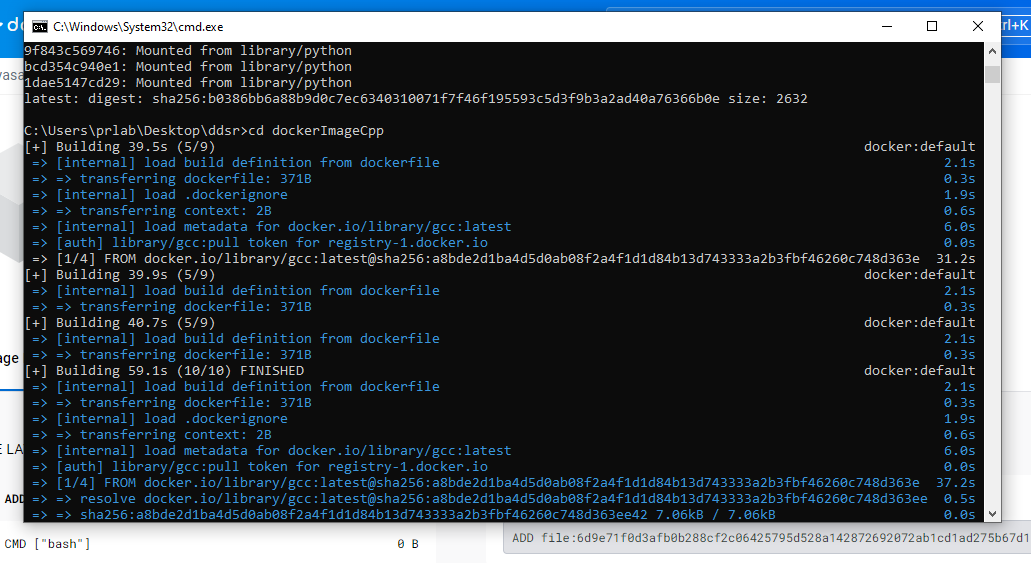


Creating docker file

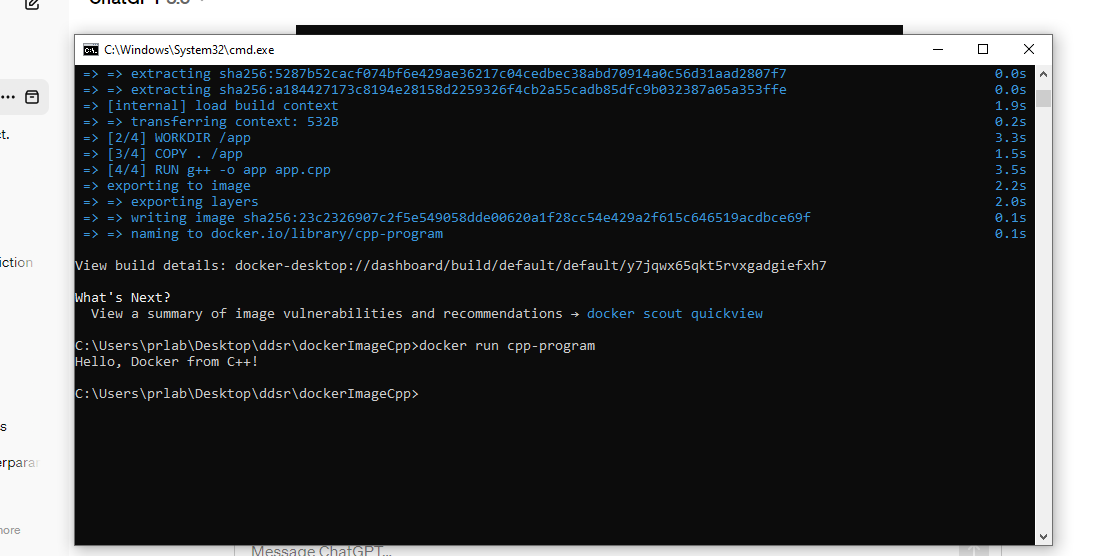


Creating docker image

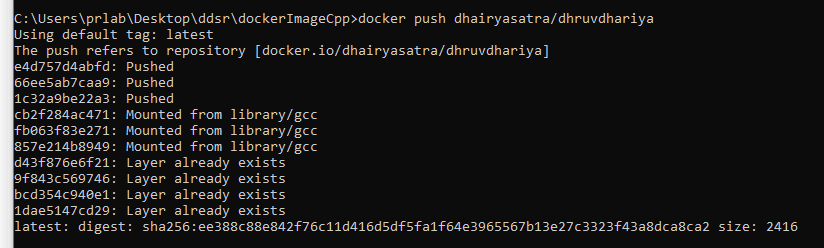
docker build -t cpp-program .



Running c++ image



Pushing cpp image to repo



**Post Lab Questions:**

**Q1. What is Docker file?**

Ans.

A Dockerfile is a text document that contains instructions for building a Docker image. It essentially acts as a recipe that specifies the steps required to create a standardized, executable package of your application. Here's a breakdown of its key aspects:

**Outcomes:**

CO3: Analyze different cloud architectures and IOT-cloud

**Conclusion:**

We can conclude that we have learnt about Running an application in a container, Docker and

Docker Hub