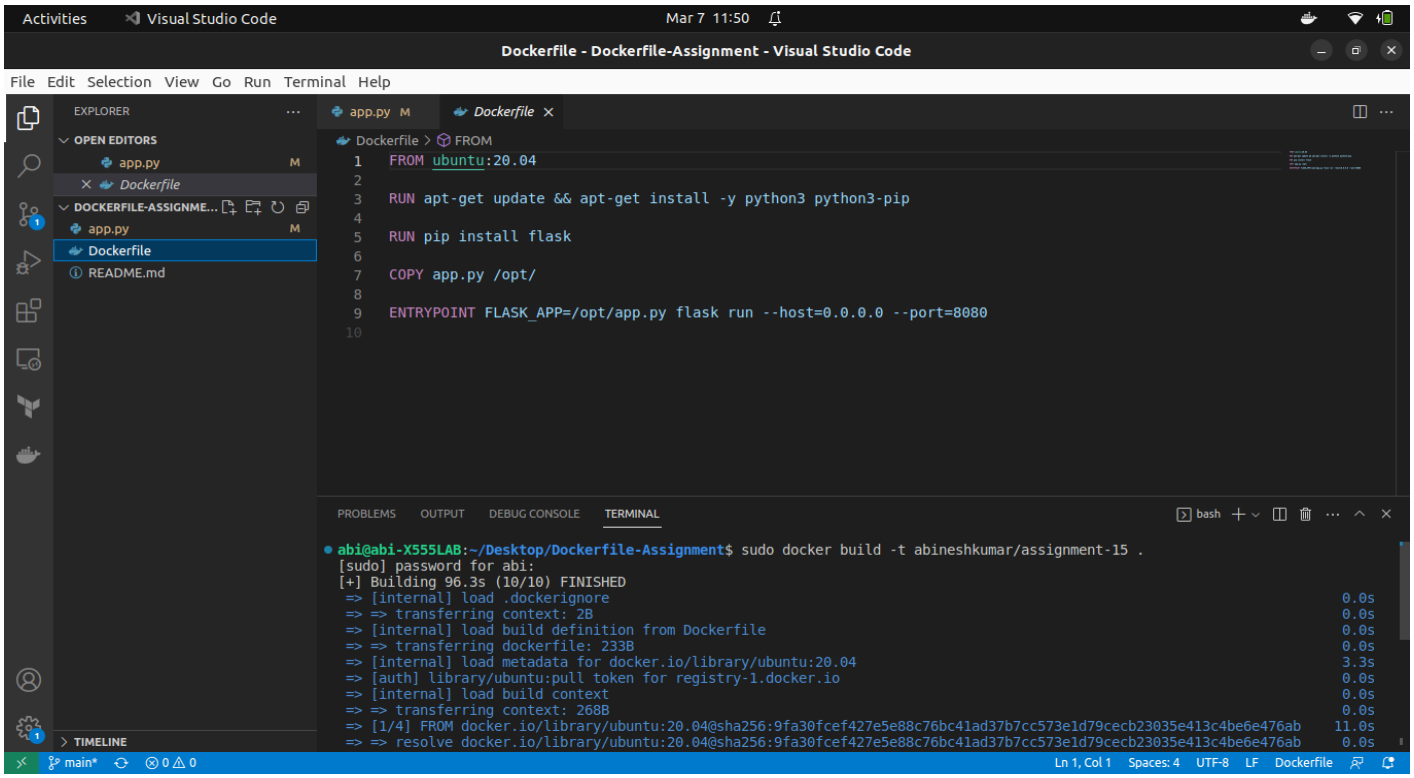
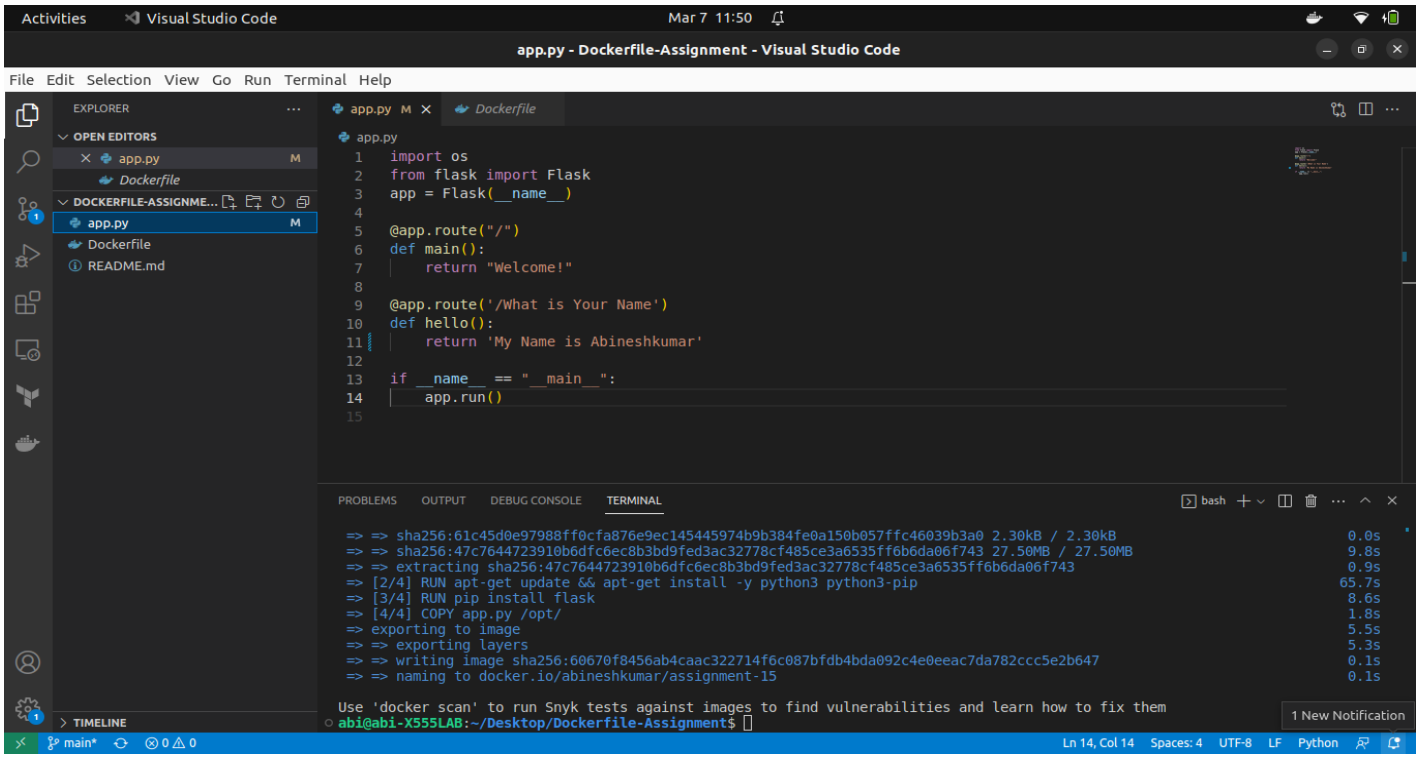
ASSIGNMENT – 15
DOCKERIZING THE FLASK APP

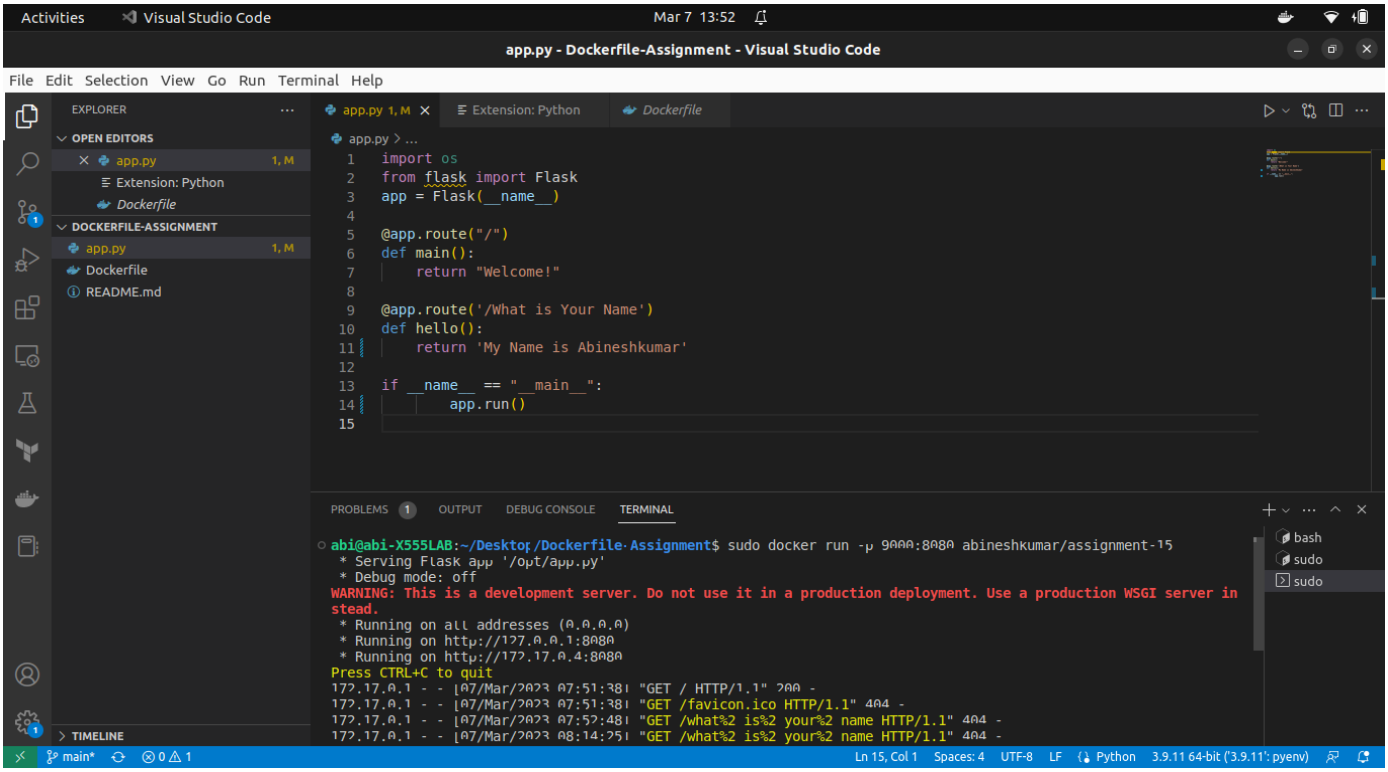
1. Creating a Docker image

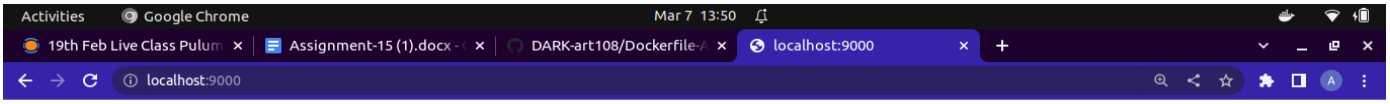


2. Change was done in app.py

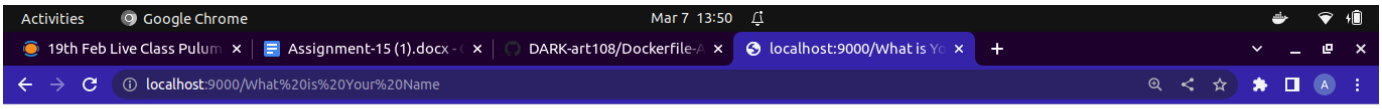


3. Running the app in port 9000



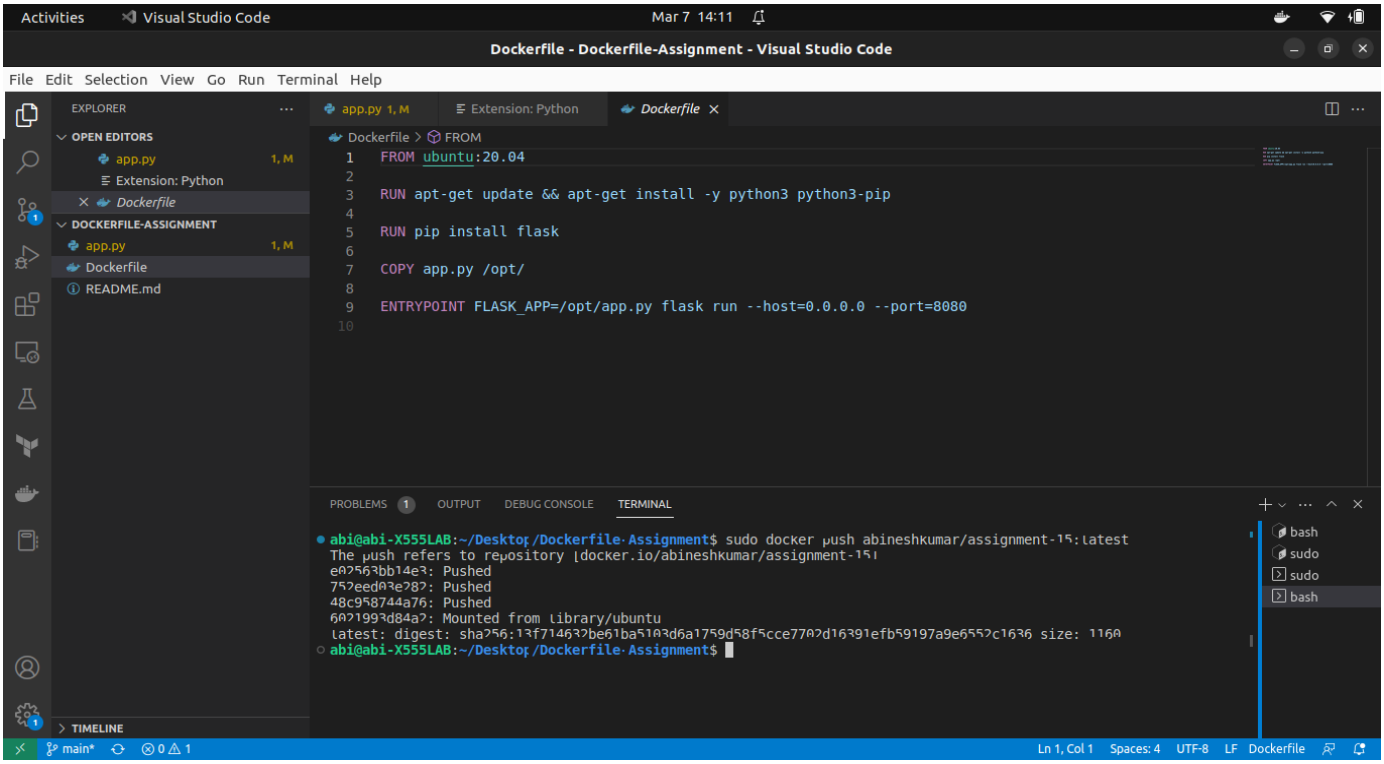


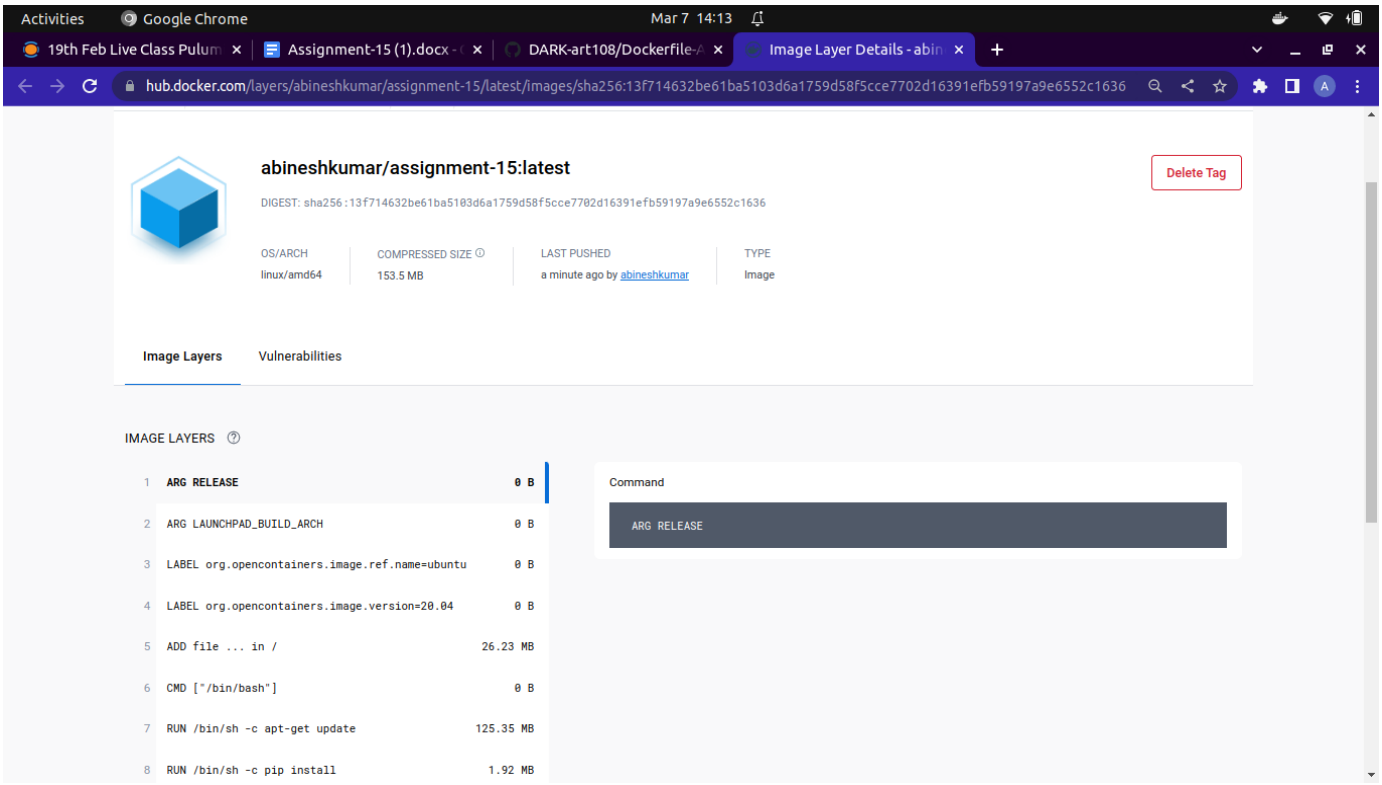
Welcome!



My Name is Abineshkumar

4. Pushing the image to Dockerhub





Dockerhub link
https://hub.docker.com/repository/docker/abineshkumar/assignment-15/general

5. Dockerfile

FROM ubuntu:20.04

➔ ubuntu is the base image of this Docker image

RUN apt-get update && apt-get install -y python3 python3-pip

➔ This line updates the package list and installs python3 and package installer pip3

RUN pip install flask

➔ This line installs the flask package using package installer

COPY app.py /opt/

➔ This line copies the app.py from the local directory to **opt** directory

ENTRYPOINT FLASK_APP=/opt/app.py flask run –host=0.0.0.0 –port=8080

➔ This is command that will be executed when the container is run and this will be accessible on port 8080 on all network