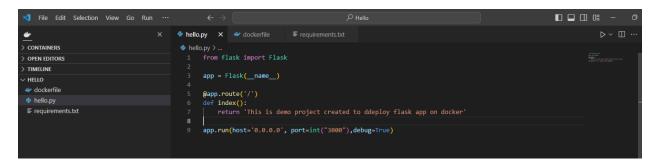
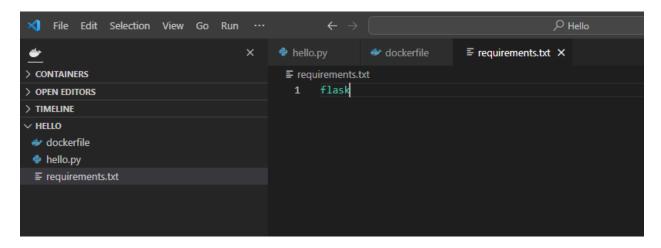
## **DOCKER ASSIGNMENT**

1. Hello world using flask and deployment using Docker

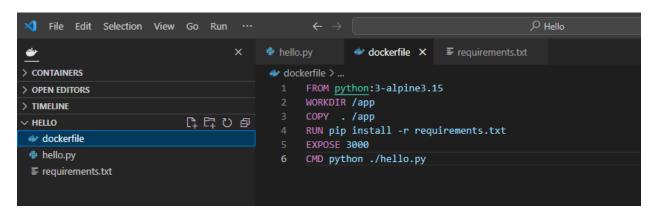
#### **STEP 1: CREATED APP**



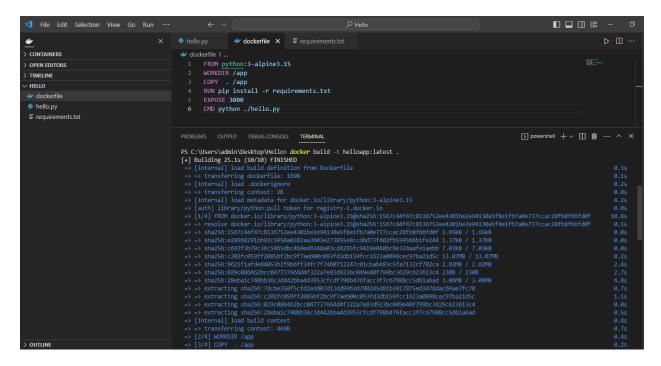
#### **STEP 2: CREATED REQUIREMENT FILE**



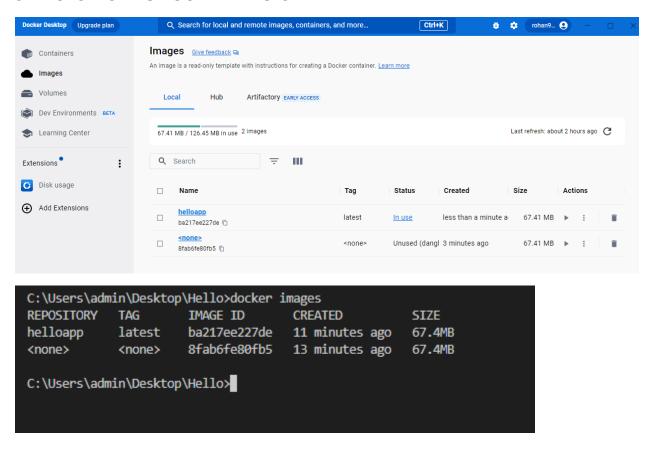
**STEP 3: CREATED DOCKER FILE** 



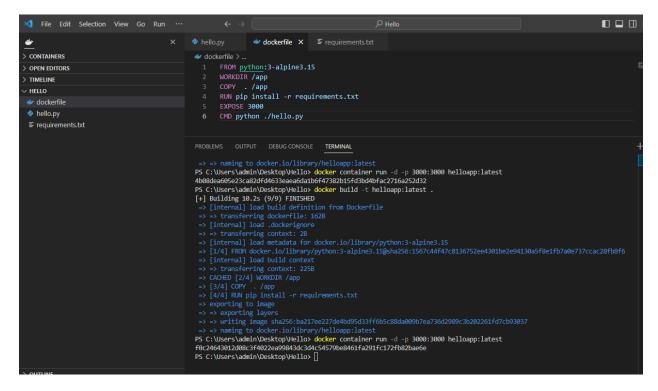
**STEP 4: CREATING DOCKER IMAGE** 



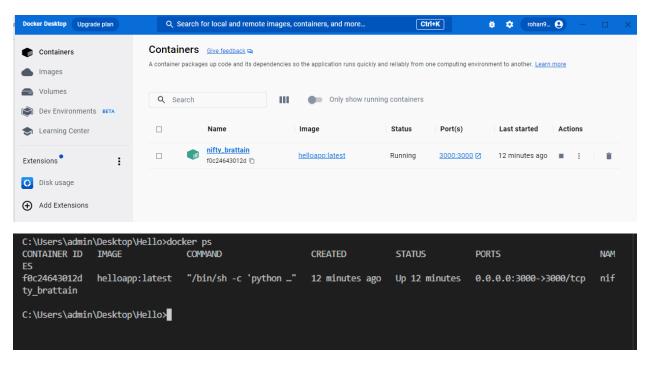
#### **STEP 5: CHECKING DOCKER IMAGES**



**STEP 6: CREATING CONTAINER** 



#### **STEP 7: CHECKING CONTAINER**



**STEP 8: OPENING OR RUNNING CONTAINER** 

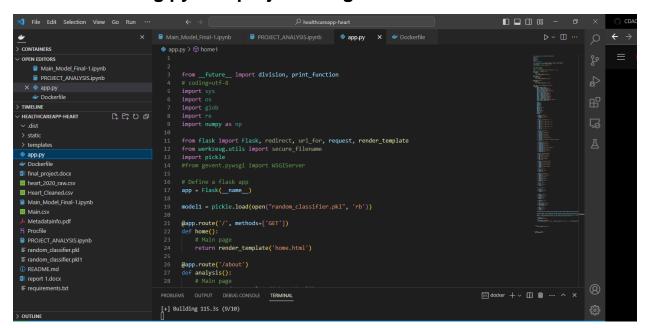


This is demo project created to ddeploy flask app on docker

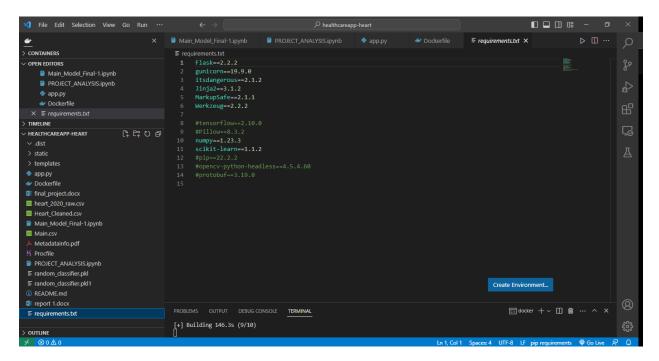
#### **STEP 1: CRETED APP**

2. Create a python project with UI and Backend with database, create Docker file and deploy it.

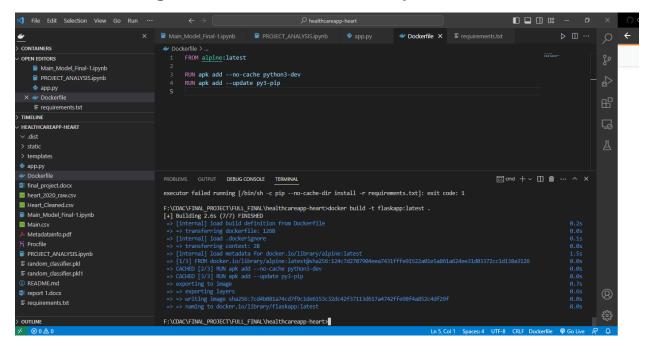
### STEP 1: Creating python project using flask.



STEP 2: Adding requirement.txt i.e environment setup requirement

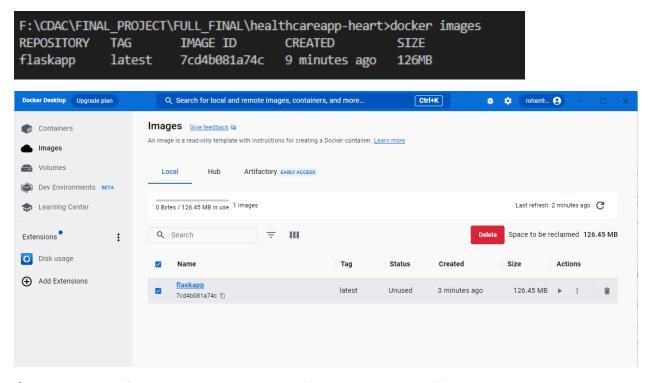


STEP 3: Creating Docker file to install all dependencies



STEP 4: Running build command to create image file

STEP 5: Using Docker desktop to check wheatear image is created or not



STEP 5: Adding more dependencies to Docker file

```
    Dockerfile > ...
    FROM alpine:latest

2
    RUN apk add --no-cache python3-dev
4    RUN apk add --update py3-pip
5    WORKDIR /app
6    COPY . /app
7    RUN pip install -r requirements.txt
8    EXPOSE 3000
9    CMD python ./app.py
10
```

# STEP 6: Again building a images and creating container using command

 $F:\CDAC\FINAL\_PROJECT\FULL\_FINAL\health care app-heart> docker container run -d -p 3000:3000 flask app:latest 991d663b7e5b559238e46e8d95e41ece47619c56e3efdc01f10e0c0318a686fc$ 

#### STEP 7: CHECKING CONTAINER

