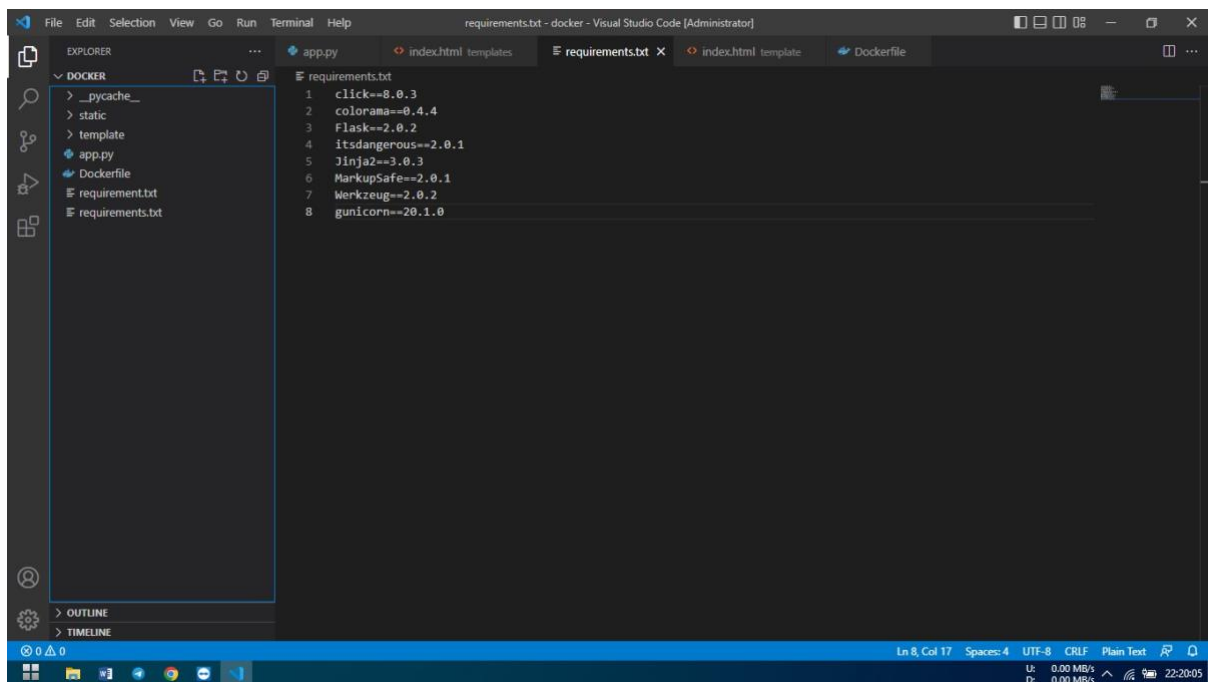


Deployment of an IBM cloud

Containerize the App

Date	15 November 2022
Team Id	PNT2022TMID14513
Project Name	Skill/job Recommender Application

Step 1: In your project directory, create a file named "Dockerfile." Suggestion: Name your file exactly "Dockerfile," nothing else.



A "Dockerfile" is used to indicate to Docker a base image, the Docker settings you need, and a list of commands you would like to have executed to prepare and start your new container.

Dockerfile

FROM python:3.8-alpine

COPY ./requirements.txt /app/requirements.txt

WORKDIR /app

RUN pip install -r requirements.txt

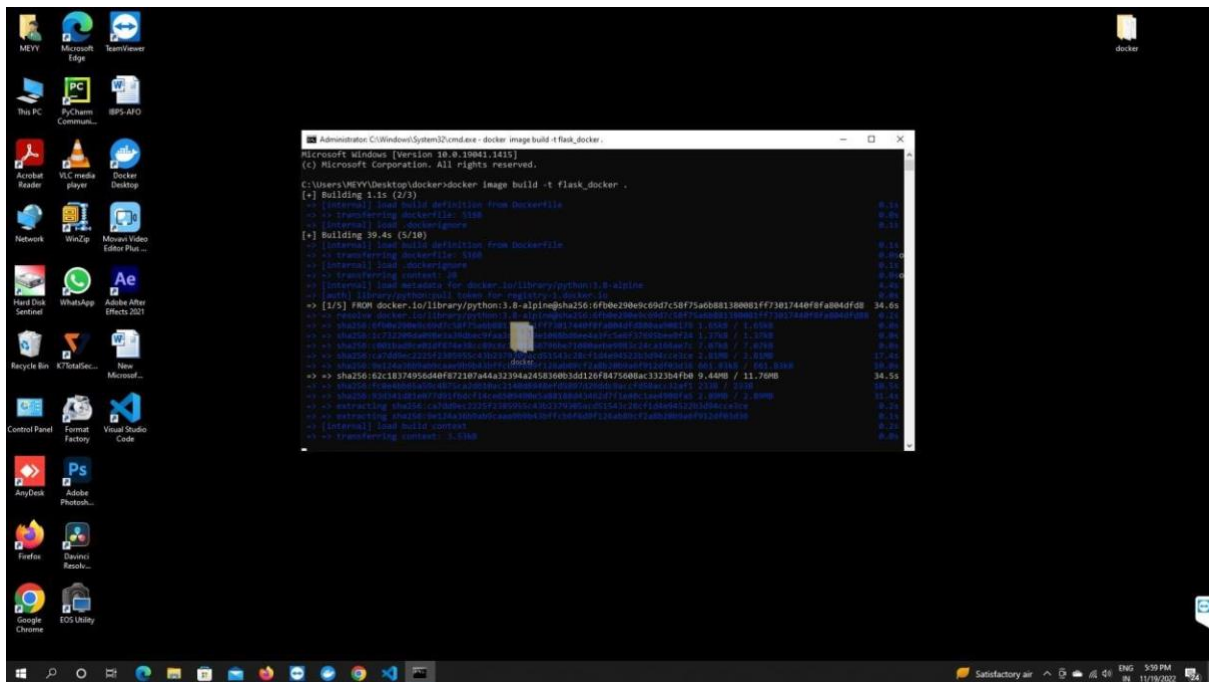
COPY . /app

ENTRYPOINT ["python"]

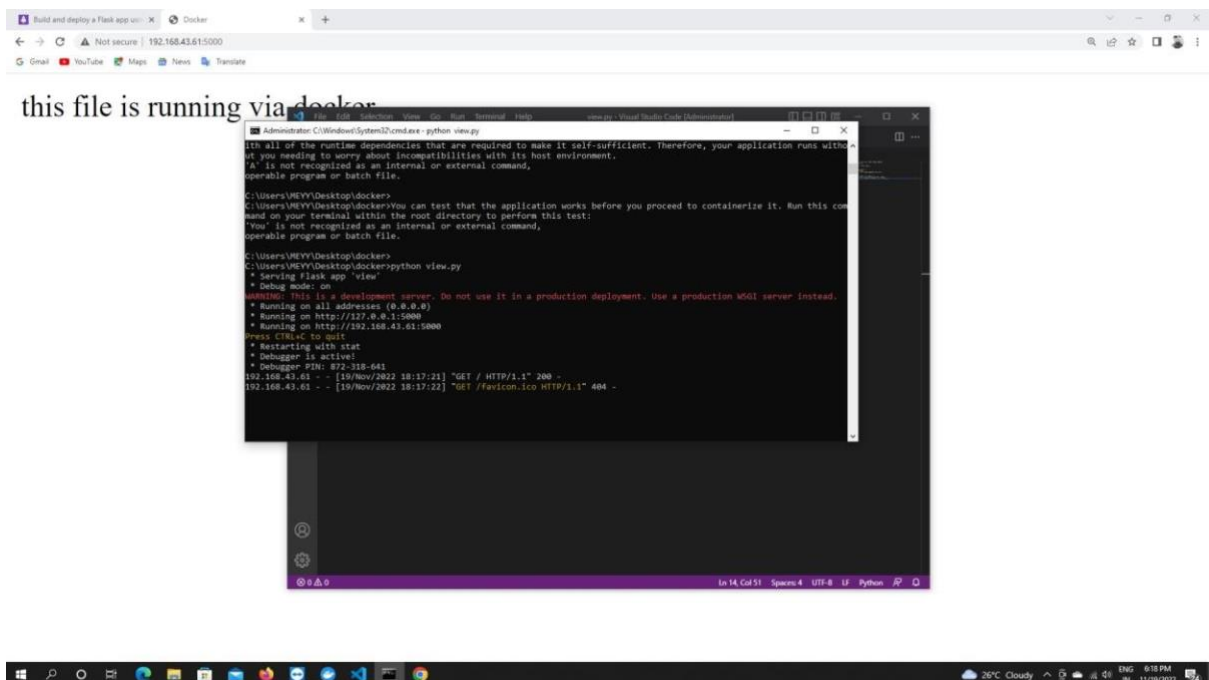
CMD ["view.py"]

Step 2: Build an image from the Dockerfile

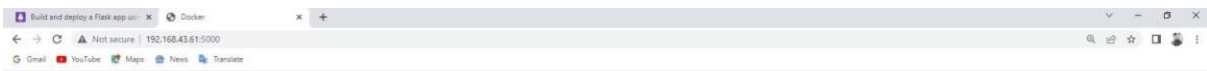
Open the terminal and type this command to build an image from your Dockerfile: `docker build -t :.(note the period to indicate we're in our apps top level directory). For example: docker build -t app:latest`



Step 3: Run your container locally and test After you build your image successfully, type: `docker run d -p 5000:5000 app` This command will create a container that contains all the application code and dependencies from the image and runs it locally.



OUTPUT :



this file is running via docker...