How to create a docker image (Python Flask)

Githubaccount:- <https://github.com/TechGram-Academy/hello-world-flask>

Youtube:- https://www.youtube.com/watch?v=2tlsTbeBdWE

Create one directory named dockertest : mkdir dockertest

Cd dockertest

**Create a Docker file -**

In the main directory of your project, create a file named as **Dockerfile** and write the following lines in that file.

FROM python:3.10

EXPOSE 5000

WORKDIR /app

COPY . .

RUN pip install -r requirements.txt

CMD ["flask", "run", "--host", "0.0.0.0"]

### Build the docker image -

open command prompt / terminal, navigate to your project and run the following command -

docker build --tag python-docker .

To check the image, you can open Docker Desktop or run the following command -

docker images

**Run the docker image -**

docker run -d -p 5000:5000 python-docker

#### See running images -

Run the following command -

Docker

Copy

docker ps

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#### Stop running containers

Check the running container name from above command and use it in the following command to stop the container.

docker stop <container-name>

### Clean-up Space

This command removes the unused resources, freeing up space and keeping your system clean.

docker container prune