CHEATS CODE DOCKER

docker ps

docker pull hello-world

docker run hello-world

docker run --name NOME --network minha-rede hello-world

docker inspect 915453

docker start hello-world

docker stop hello-world

docker stop $(docker container ls -q) = encerra td

docker pause hello-world

docker unpause hello-world

docker exec -it 914564ec bash

i = interativo / t = terminal

docker run ubuntu sleep 1d

docker rm 914564ec

remove todo o container

docker rm 914564ec --force

docker rm $(docker container ls -aq)

docker run -d dockersamples/static-site

detached (consegue usar o terminal)

docker run -P dockersamples/static-site

vincula portas (P maisculo, portas aleatorias)

docker port 914564ec

ve o mapeamento de portas

docker run -d -p 8080:80 dockersamples/static-site

porta externa -> porta interna

docker images

docker history 914564ec

ve todas camadas do container

cltr+c = derruba todo docker-compose

LOGIN

docker login -u lucascli

docker tag NOMEAPP/app-node:1.0 lucascli/app-node:1.0 (muda o nome do app)

docker push lucascli/app-node:1.0 (envia pra nuvem)

VOLUME

docker run –it –v /home/daniel/volume-docker:/app Ubuntu bash

salva o app localmente para deixar ele persistente

docker run –it --mount type=bind,source=/home/daniel/volume-docker,target=/app ubuntu bash
(forma mais semantica)

docker volume ls
docker volume create meu-volume
docker run –it –v meu-volume:/app Ubuntu bash
cd /var/lib/docker/volumes <- local armazena
ou
docker run -it --mount source=meu-volume, target=/app ubuntu bash
docker run –it --tmpfs=/app ubuntu bash
(somem ao parar, bom pra segurança, senhas)

docker network ls
docker network create --driver bride minha--rede
docker run --name NOME --network minha--rede hello-world

NETWORK

CRIAÇÃO

1) criar arquivo dockerfile
2) no arquivo:

```
FROM node:14 //imagem base
WORKDIR /app-node
COPY . /app-node
RUN npm install
ENTRYPOINT npm start
```

3) docker build -t NOMEPROJETO/app-node:1.0 .

-t dá o nome e o ponto no final diz que é no diretorio atual
:1.0 dá uma tag ao projeto

4) docker run -p 8080:3000 NOMEPROJETO/app-node:1.0

qndo criar o arquivo, possivel customizar as portas:

```
ARG PORT_BUILD=6000
ENV PORT=$PORT_BUILD
EXPOSE $PORT_BUILD
```

docker-compose | docker-compose ps | docker-compose down
1) criar pasta: mkrdir composer
2) criar arquivo: docker-compose.yml
3) abrir no vscode:

```
version: "3.9"
services:
    mongodb:
        image: mongo:4.4.6
        container_name: mongo
        networks:
            - compose-bride
    alurabooks:
        image: lucascli/alura
        container_name: alura
        netwokrs:
            - compose-bride
        depends_on: mongo
        ports:
            -3000:3000
networks:
    compose-bridge:
        driver: bridge
```

4) no diretorio: docker-compose up -d

COMPOSE