INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO CEARÁ
IFCE CAMPUS FORTALEZA
TELEMÁTICA

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Disciplina: Administração de serviços de rede (01.302.25)

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Atividade 06- Etapa 02

Implementar a atividade do vídeo abaixo. Printar o passo a passo e demonstrar a execução da solução apresentada.

Clonando repositório:

Instalando Node.

Criando as Imagens dockerfile.

```
/tmp/dokcerCompose/docker-introducao    master !2    docker build -t mysql-image -f api/db/Dockerfile .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  9.335MB
Step 1/2 : FROM mysql
latest: Pulling from library/mysql
2c0a233485c3: Pull complete
cb5a6a8519b2: Pull complete
570d30cf82c5: Pull complete
a841bff36f3c: Pull complete
80ba30c57782: Pull complete
5e49e1f26961: Pull complete
ced670fc7f1c: Pull complete
0b9dc7ad7f03: Pull complete
cd0d5df9937b: Pull complete
1f87d67b89c6: Pull complete
Digest: sha256:0255b469f0135a0236d672d60e3154ae2f4538b146744966d96440318cc822c6
Status: Downloaded newer image for mysql:latest
 ---> 56a8c14e1404
Step 2/2 : ENV MYSQL_ROOT_PASSWORD programadorabordo
 ---> Running in 20972ca79ae5
 ---> Removed intermediate container 20972ca79ae5
 ---> e98ab368dfb6
Successfully built e98ab368dfb6
Successfully tagged mysql-image:latest
       /tmp/d/docker-introducao    master !2 ?2    docker build -t node-image -f api/Dockerfile .
                                 30s
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  9.335MB
Step 1/3 : FROM node:10-slim
10-slim: Pulling from library/node
62deabe7a6db: Pull complete
f698164f6049: Pull complete
bc29352cb629: Pull complete
85e84b4c858f: Pull complete
ac72e4359589: Pull complete
Digest: sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a008d98367b10d6
Status: Downloaded newer image for node:10-slim
 ---> 6fbcbbb5c603
Step 2/3 : WORKDIR /home/node/app
 ---> Running in 5bcdb9a466e2
 ---> Removed intermediate container 5bcdb9a466e2
 ---> 17046b337adf
Step 3/3 : CMD npm start
 ---> Running in b0513359b3fa
 ---> Removed intermediate container b0513359b3fa
 ---> 72577d22afdd
Successfully built 72577d22afdd
Successfully tagged node-image:latest
       /tmp/d/docker-introducao    master !2 ?2                                        13s
```

```
       /tmp/d/docker-introducao    master !2 ?2    docker build -t php-image -f website/Dockerfile .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  9.335MB
Step 1/2 : FROM php:7.2-apache
7.2-apache: Pulling from library/php
6ec7b7d162b2: Pull complete
db606474d60c: Pull complete
afb30f0cd8e0: Pull complete
3bb2e8051594: Pull complete
4c761b44e2cc: Pull complete
c2199db96575: Pull complete
1b9a9381eea8: Pull complete
fd07bbc59d34: Pull complete
72b73ab27698: Pull complete
983308f4f0d6: Pull complete
6c13f026e6da: Pull complete
e5e6cd163689: Pull complete
5c5516e56582: Pull complete
154729f6ba86: Pull complete
Digest: sha256:4dc0f0115acf8c2f0df69295ae822e49f5ad5fe849725847f15aa0e5802b55f8
Status: Downloaded newer image for php:7.2-apache
 ---> c61d277263e1
Step 2/2 : WORKDIR /var/www/html
 ---> Running in 1575714416c5
 ---> Removed intermediate container 1575714416c5
 ---> 1307b657985f
Successfully built 1307b657985f
Successfully tagged php-image:latest
       /tmp/d/docker-introducao    master !2 ?2
```

Configurando Docker-compose.yaml


```yaml
version: "3.7"
services:
    db:
        image: mysql
        container_image: mysql-container
        environment:
            MYSQL_ROOT_PASSWORD: proramadorabordo
        volumes:
            - ./api/db/data:/var/lib/mysql
            restart: always
    api:
        build: "./api"
        container_name: node-container
        restart: always
        volumes:
            - ./api:/home/node/app
        ports:
            - "9001:9001"
        depends_on:
            - db
    web:
        image: "php:7.2-apache"
        container_name: php-container
        restart: always
        volumes:
            - ./website:/var/www/html
        ports:
            - "8888:80"
        depends_on:
            - db
            - api
```

Subindo Conteiners com docler-compose up -d

Por fim verificando Containers em Execução.