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**Disciplina:** Laboratório de Programação WEB 2

**Professor:** Fábio Lima

**Data:** 28/09/2021

Para instalação do Docker tive que fazer alguns comandos no PowerShell do Windows. Isso porque o Docker foi feito para o Linux, desse modo, usando esses comandos terá uma versão compatível da Linux no próprio Windows.



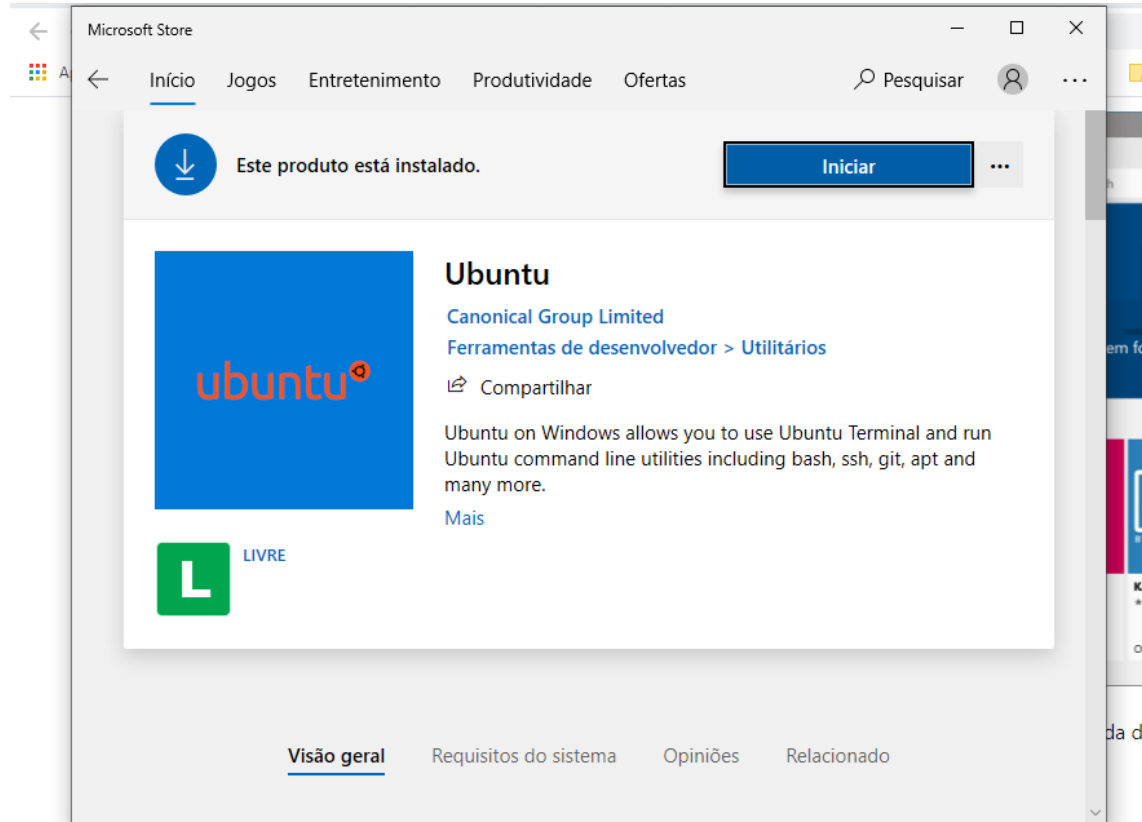
Começando por esses comandos:

Habilitar o Subsistema do Windows para Linux  
`dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart`

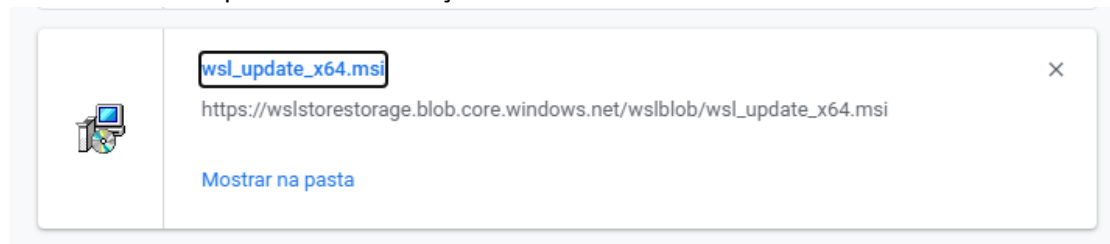
Habilitar o recurso de Máquina Virtual  
`dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart`

Definir o WSL 2 como a sua versão padrão:  
`wsl --set-default-version 2`

Instalei o Ubuntu onde está localizado na Loja do Windows.



Baixei e instalei o pacote de atualização do kernel do Linux.



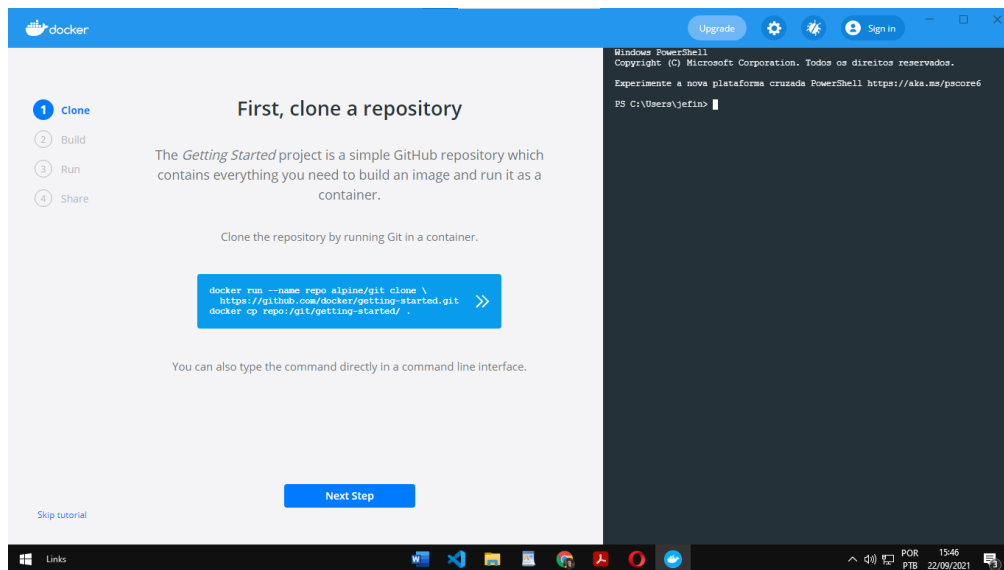
Ao executar os comandos no PowerShell, reinicie o computador algumas vezes.

O guia onde tem todos os comandos se encontra aqui no link:

<https://docs.microsoft.com/pt-br/windows/wsl/install-win10#step-4---download-the-linux-kernel-update-package>

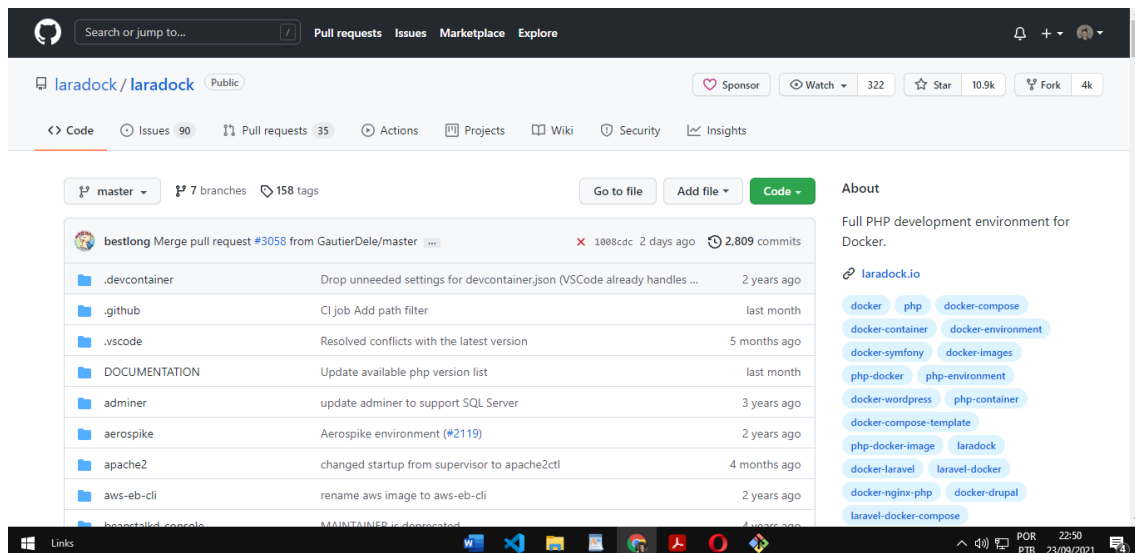
Logo após isso, instalei o Docker.

Sua tela inicial. Basicamente um tutorial de como utilizar.

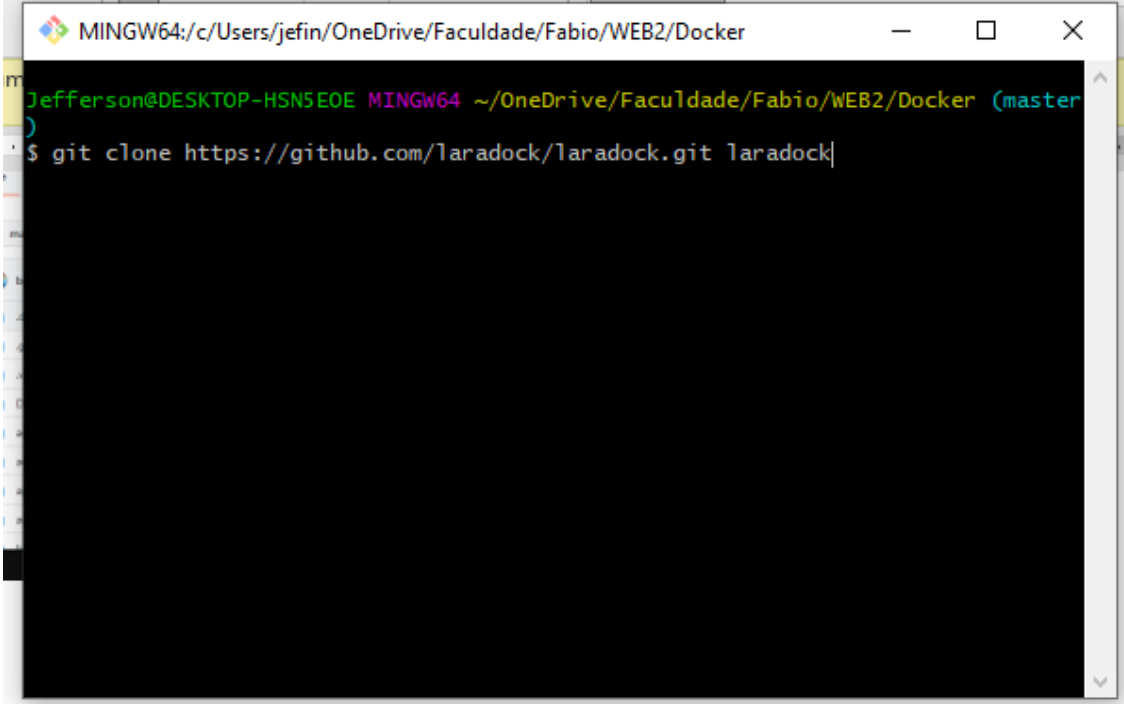


Para obter o Laradock, foi necessário:

Acesso do repositório Laradock: <https://github.com/laradock/laradock.git>

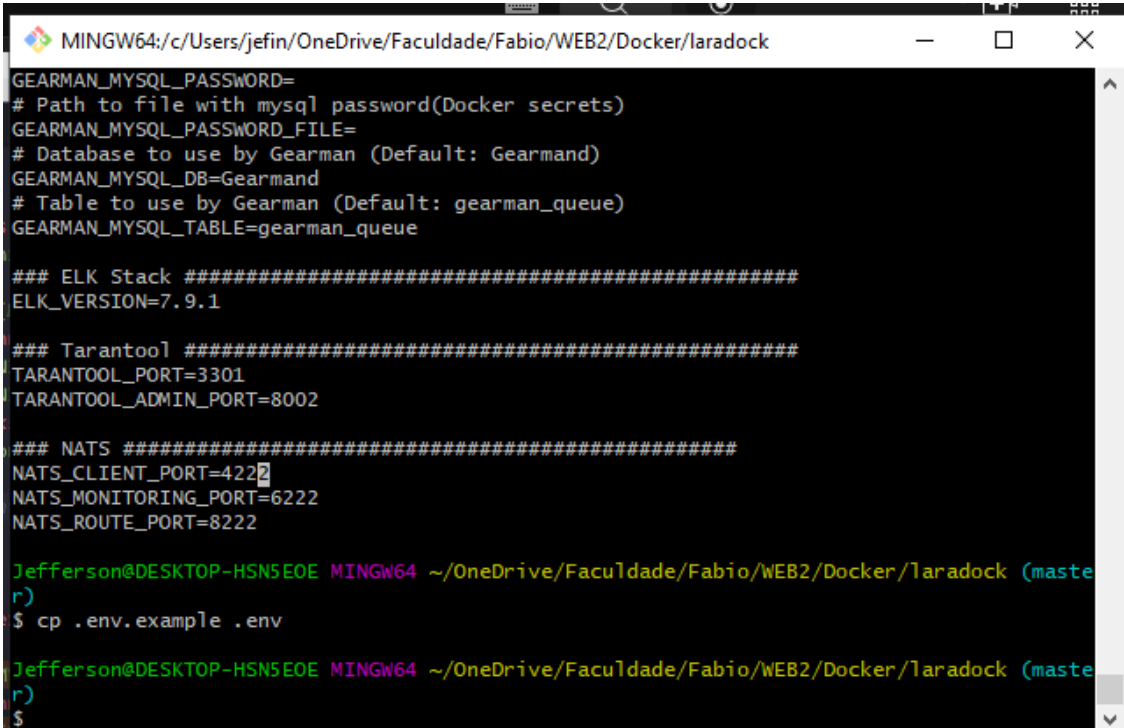


Clonar para o meu computador, na pasta laradock:



```
MINGW64:/c/Users/jefin/OneDrive/Faculdade/Fabio/WEB2/Docker
Jefferson@DESKTOP-HSN5EOE MINGW64 ~/OneDrive/Faculdade/Fabio/WEB2/Docker (master)
$ git clone https://github.com/laradock/laradock.git laradock
```

Depois de clonado, acesso a pasta laradock e seleciono o arquivo .env.example para copia-lo, nomeio como .env



```
MINGW64:/c/Users/jefin/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock
GEARMAN_MYSQL_PASSWORD=
# Path to file with mysql password(Docker secrets)
GEARMAN_MYSQL_PASSWORD_FILE=
# Database to use by Gearman (Default: Gearmand)
GEARMAN_MYSQL_DB=Gearmand
# Table to use by Gearman (Default: gearman_queue)
GEARMAN_MYSQL_TABLE=gearman_queue

### ELK Stack #####
ELK_VERSION=7.9.1

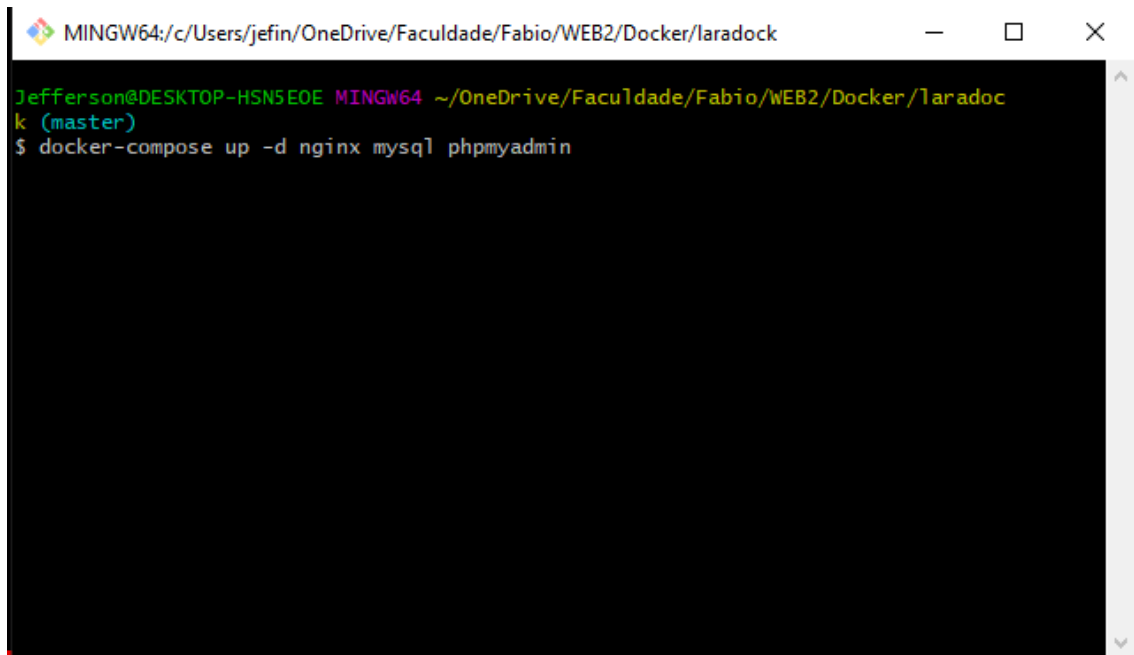
### Tarantool #####
TARANTOOL_PORT=3301
TARANTOOL_ADMIN_PORT=8002

### NATS #####
NATS_CLIENT_PORT=4222
NATS_MONITORING_PORT=6222
NATS_ROUTE_PORT=8222

Jefferson@DESKTOP-HSN5EOE MINGW64 ~/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock (master)
$ cp .env.example .env

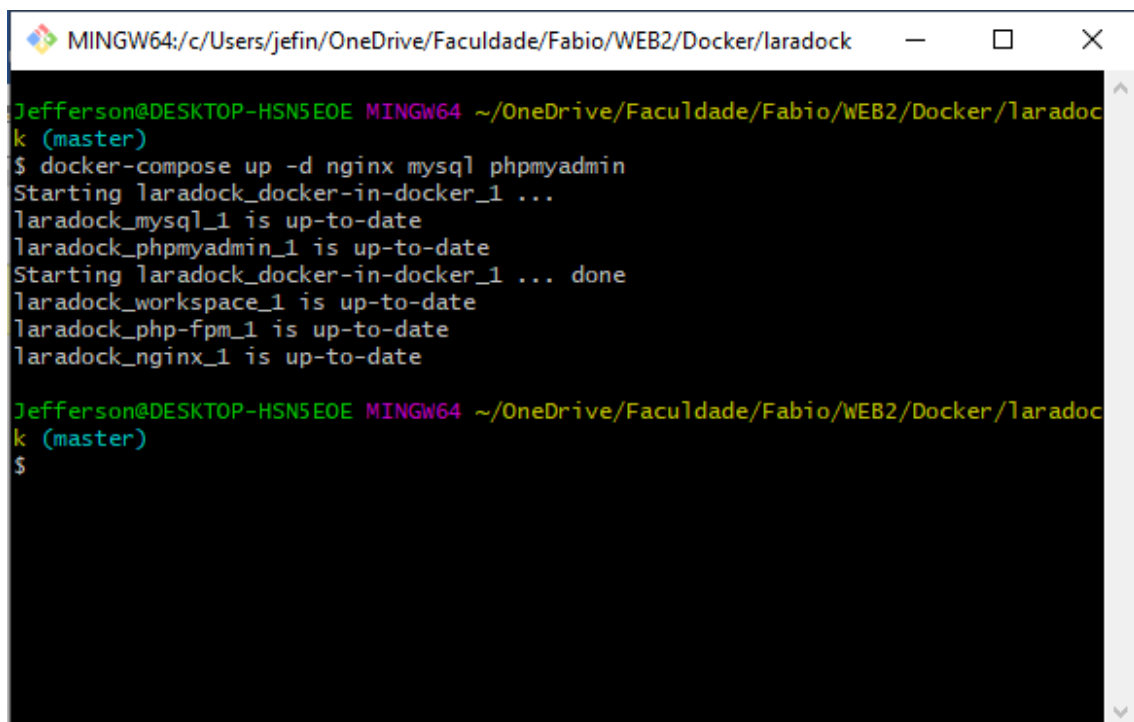
Jefferson@DESKTOP-HSN5EOE MINGW64 ~/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock (master)
$
```

Fazendo download dos containers através do compose

A terminal window titled 'MINGW64:/c/Users/jefin/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock'. The prompt is 'Jefferson@DESKTOP-HSN5E0E MINGW64 ~/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock'. The user has entered the command 'docker-compose up -d nginx mysql phpmyadmin'.

```
MINGW64:/c/Users/jefin/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock
Jefferson@DESKTOP-HSN5E0E MINGW64 ~/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock
k (master)
$ docker-compose up -d nginx mysql phpmyadmin
```

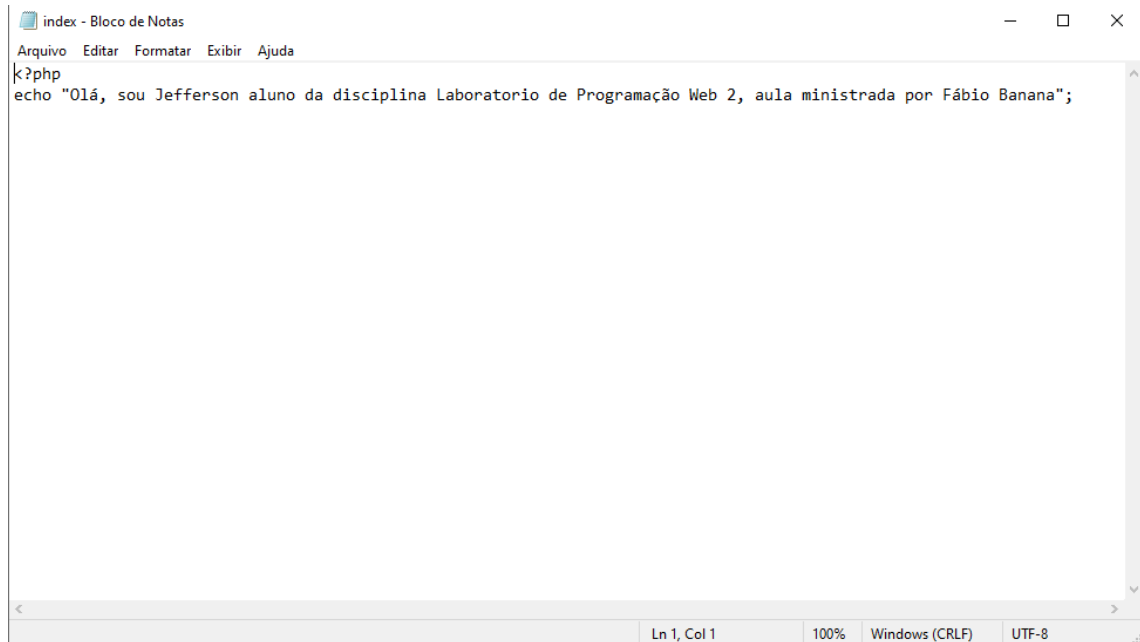
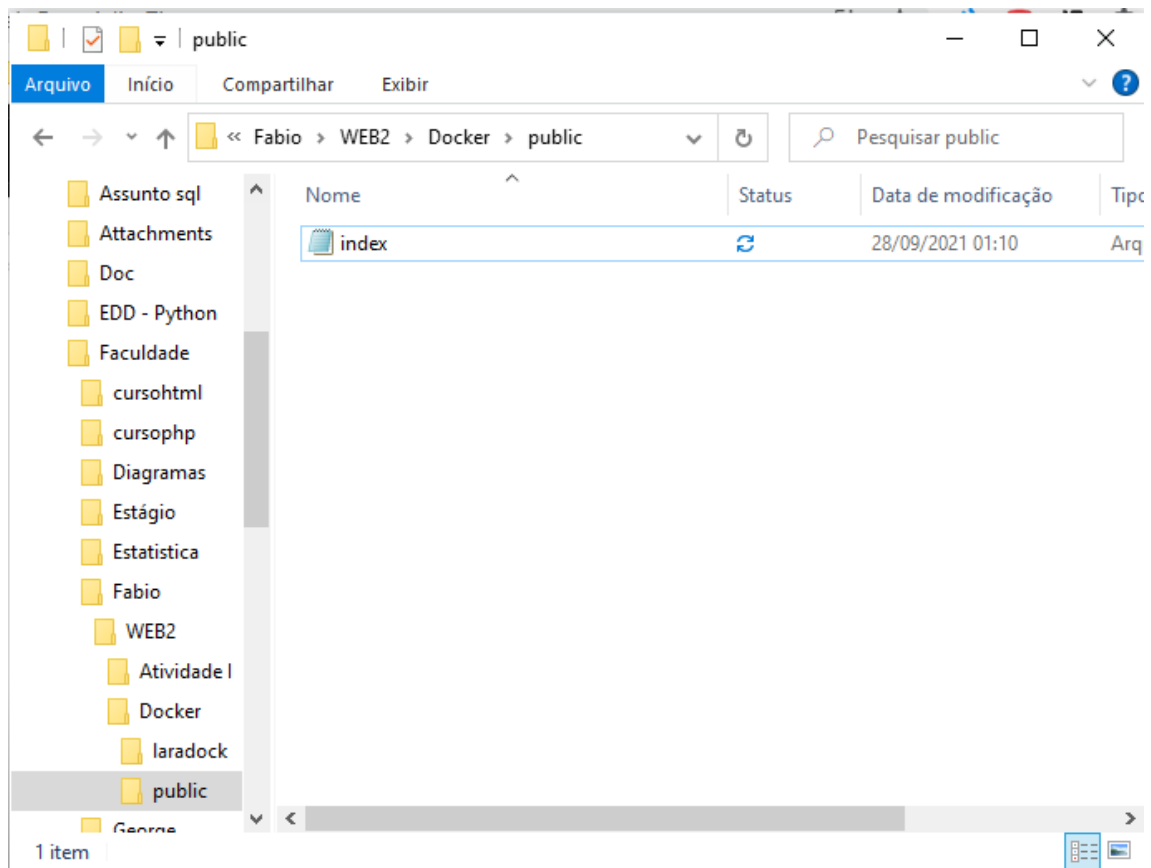
Baixado:

The same terminal window as above, but now showing the output of the 'docker-compose up' command. It lists several services and their status, indicating they are up-to-date or starting.

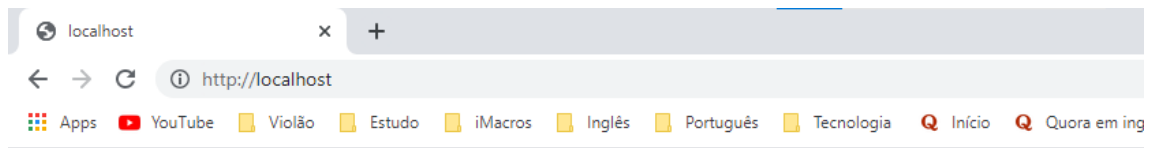
```
MINGW64:/c/Users/jefin/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock
Jefferson@DESKTOP-HSN5E0E MINGW64 ~/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock
k (master)
$ docker-compose up -d nginx mysql phpmyadmin
Starting laradock_docker-in-docker_1 ...
laradock_mysql_1 is up-to-date
laradock_phpmyadmin_1 is up-to-date
Starting laradock_docker-in-docker_1 ... done
laradock_workspace_1 is up-to-date
laradock_php-fpm_1 is up-to-date
laradock_nginx_1 is up-to-date

Jefferson@DESKTOP-HSN5E0E MINGW64 ~/OneDrive/Faculdade/Fabio/WEB2/Docker/laradock
k (master)
$
```

Criei uma pasta com o index para poder programar



No Localhost:



Olá, sou Jefferson aluno da matéria Laboratorio de Programação Web 2, aula ministrada por Fábio Banana.

