```
vinicius@vinicius-VirtualBox:~$ sudo docker images
REPOSITORY    TAG        IMAGE ID    CREATED    SIZE
vinicius@vinicius-VirtualBox:~$ git clone https://github.com/cod3rcursos/curso-docker.git
Cloning into 'curso-docker'...
remote: Enumerating objects: 50, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 50 (delta 0), reused 3 (delta 0), pack-reused 45
Receiving objects: 100% (50/50), 11.79 KiB | 3.93 MiB/s, done.
vinicius@vinicius-VirtualBox:~$ cd curso-docker
vinicius@vinicius-VirtualBox:~/curso-docker$ dir
build-com-arg    build-dev            ex-volume          primeiro-build
build-com-copy   email-worker-compose  node-mongo-compose  README.md
vinicius@vinicius-VirtualBox:~/curso-docker$ cd email-worker-compose
vinicius@vinicius-VirtualBox:~/curso-docker/email-worker-compose$ sudo docker compose up
[+] Running 36/13
 ✔ queue 6 layers [▓▓▓▓▓▓]        0B/0B      Pulled              20.5s
 ✔ app 9 layers [▓▓▓▓▓▓]          0B/0B      Pulled              64.2s
 ✔ db 14 layers [▓▓▓▓▓▓▓▓▓▓]      0B/0B      Pulled              61.5s
 ✔ frontend 3 layers [▓▓▓]        0B/0B      Pulled              20.9s
```

```
firefox 4430 vinicius  458u  IPv4 273556     0t0  TCP vinicius-VirtualBox:57730->192.16.49.85:http (ESTABLISHED)
vinicius@vinicius-VirtualBox:~/curso-docker/email-worker-compose$ sudo lsof -i tcp:80
[sudo] password for vinicius:
COMMAND  PID     USER    FD   TYPE DEVICE SIZE/OFF NODE NAME
nginx   2975     root    6u   IPv4  49319      0t0  TCP *:http (LISTEN)
nginx   2975     root    7u   IPv6  49320      0t0  TCP *:http (LISTEN)
nginx   2978 www-data    6u   IPv4  49319      0t0  TCP *:http (LISTEN)
nginx   2978 www-data    7u   IPv6  49320      0t0  TCP *:http (LISTEN)
vinicius@vinicius-VirtualBox:~/curso-docker/email-worker-compose$ sudo lsof -t -i tcp:80 -s tcp:listen | sjdk
sjdk: command not found
vinicius@vinicius-VirtualBox:~/curso-docker/email-worker-compose$
vinicius@vinicius-VirtualBox:~/curso-docker/email-worker-compose$ sudo lsof -t -i tcp:80 -s tcp:listen | sudo xargs kil
l
vinicius@vinicius-VirtualBox:~/curso-docker/email-worker-compose$ sudo lsof -i tcp:80
vinicius@vinicius-VirtualBox:~/curso-docker/email-worker-compose$ sudo docker compose up
[+] Building 0.0s (0/0)
[+] Running 4/0
 ✔ Container email-worker-compose-queue-1   Running                                  0.0s
 ✔ Container email-worker-compose-worker-1  Running                                  0.0s
 ✔ Container email-worker-compose-db-1      Running                                  0.0s
 ✔ Container email-worker-compose-app-1     Running                                  0.0s
Attaching to email-worker-compose-app-1, email-worker-compose-db-1, email-worker-compose-frontend-1, email-worker-compo
```

```
Attaching to email-worker-compose-app-1, email-worker-compose-db-1, email-worker-compose-frontend-1, email-worker-compo
se-queue-1, email-worker-compose-worker-1
email-worker-compose-frontend-1  | 172.20.0.1 - - [19/Jun/2023:18:57:51 +0000] "GET / HTTP/1.1" 200 758 "-" "Mozilla/5.
0 (X11; Linux x86_64; rv:103.0) Gecko/20100101 Firefox/103.0" "-"
email-worker-compose-app-1       | Mensagem registrada !
email-worker-compose-worker-1    | Mandando a mensagem: Prova de Sistemas Operacionais de redes 2
email-worker-compose-app-1       | 172.20.0.3 - - [19/Jun/2023 18:58:24] "POST / HTTP/1.1" 200 136
email-worker-compose-frontend-1  | 172.20.0.1 - - [19/Jun/2023:18:58:24 +0000] "POST /api HTTP/1.1" 200 136 "http://loc
alhost/" "Mozilla/5.0 (X11; Linux x86_64; rv:103.0) Gecko/20100101 Firefox/103.0" "-"
email-worker-compose-worker-1    | Mensagem Prova de Sistemas Operacionais de redes 2 enviada
email-worker-compose-frontend-1  | 2023/06/19 19:00:24 [error] 7#7: *3 open() "/usr/share/nginx/html/favicon.ico" faile
d (2: No such file or directory), client: 172.20.0.1, server: localhost, request: "GET /favicon.ico HTTP/1.1", host: "l
ocalhost", referrer: "http://localhost/"
email-worker-compose-frontend-1  | 172.20.0.1 - - [19/Jun/2023:19:00:24 +0000] "GET /favicon.ico HTTP/1.1" 404 170 "htt
p://localhost/" "Mozilla/5.0 (X11; Linux x86_64; rv:103.0) Gecko/20100101 Firefox/103.0" "-"
email-worker-compose-app-1       | 172.20.0.3 - - [19/Jun/2023 19:19:56] "POST / HTTP/1.1" 200 136
email-worker-compose-app-1       | Mensagem registrada !
email-worker-compose-frontend-1  | 172.20.0.1 - - [19/Jun/2023:19:19:56 +0000] "POST /api HTTP/1.1" 200 136 "http://loc
alhost/" "Mozilla/5.0 (X11; Linux x86_64; rv:103.0) Gecko/20100101 Firefox/103.0" "-"
email-worker-compose-worker-1    | Mandando a mensagem: Prova de Sistemas Operacionais de redes 2
email-worker-compose-worker-1    | Mensagem Prova de Sistemas Operacionais de redes 2 enviada
```

Browser (top): localhost

E-mail Sender

Assunto

Prova de Sistemas Operacionais de redes 2

Mensagem

A prova irá ser realizada no final do mês de julho

Enviar !

Browser (bottom): localhost/api

Mensagem enfileirada ! Assunto: Prova de Sistemas Operacionais de redes 2
Mensagem: A prova irá ser realizada no final do mês de julho