

1. Установили Docker. Скачали образ nginx. и произвели запуск

```
[ubuntu@ip-172-31-26-110:~]$ sudo docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
afb6ec6fdc1c: Pull complete
b90c53a0b692: Pull complete
11fa52a0fdc0: Pull complete
Digest: sha256:6fff55753e3b34e36e24e37039ee9eae1fe38a6420d8ae16ef37c92d1eb26699
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest
[ubuntu@ip-172-31-26-110:~]$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
nginx                latest             9beeba249f3e       2 weeks ago        127MB
[ubuntu@ip-172-31-26-110:~]$ sudo docker run -d --name nginx -p 80:80 -v /var/www/html:/usr/share/nginx/html
l nginx
682de27ddb9a3be3cde514eef860f6d3d531cf41bec00481a19533be47b40e7a
[ubuntu@ip-172-31-26-110:~]$ sudo docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS
PORTS              NAMES
682de27ddb9a       nginx              "nginx -g 'daemon of-" 2 minutes ago      Up 2 minutes
0.0.0.0:80->80/tcp  nginx
```

2. Собрали свой Dockerfile

```
[ubuntu@ip-172-31-26-110:~]$ cat less_8/Dockerfile
FROM ubuntu:latest
MAINTAINER User GB
RUN apt-get update
RUN apt-get install nginx -y
VOLUME "/var/www/html"
EXPOSE 80
CMD /usr/sbin/nginx -g "daemon off;"
```

Запустили сборку

```
sudo docker build -t main_image_nginx .
```

```
Search the Docker Hub for images
[ubuntu@ip-172-31-26-110:~]$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
main_image_nginx    latest             a8f4d9381aad       11 minutes ago     155MB
nginx               latest             9beeba249f3e       2 weeks ago        127MB
ubuntu              latest             1d622ef86b13       5 weeks ago        73.9MB
[ubuntu@ip-172-31-26-110:~]$ sudo docker run -d --name res_nginx -p 8081:80 main_image_nginx
17db6e78f792754bc057140d6831b5ba630646e9ad947c98a6e84b43fce83cd4
[ubuntu@ip-172-31-26-110:~]$
```

Все образы + запущенные контейнер

```
[ubuntu@ip-172-31-26-110:~]$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
main_image_nginx    latest             a8f4d9381aad       13 minutes ago     155MB
nginx               latest             9beeba249f3e       2 weeks ago        127MB
ubuntu              latest             1d622ef86b13       5 weeks ago        73.9MB
[ubuntu@ip-172-31-26-110:~]$ sudo docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS
PORTS              NAMES
17db6e78f792       main_image_nginx    "/bin/sh -c '/usr/sb-" About a minute ago  Up About a minute
0.0.0.0:8081->80/tcp res_nginx
2c0a9bd3d5cd       nginx              "nginx -g 'daemon of-" 42 minutes ago     Up 42 minutes
0.0.0.0:8080->80/tcp nginx_8080
[ubuntu@ip-172-31-26-110:~]$
```