```
root@vm418253: ~

Microsoft Windows [Version 10.0.22000.376]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Ilya Sh>ssh root@91.206.93.66
root@91.206.93.66's password:
Permission denied, please try again.
root@91.206.93.66's password:
Permission denied, please try again.
root@91.206.93.66's password:
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.4.0-89-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage
Last login: Fri May 27 21:58:48 2022 from 5.18.159.250
root@vm418253:~#
```

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Select root@vm418253: ~

Hit:4 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:5 https://download.docker.com/linux/ubuntu focal InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
root@vm418253:~# sudo apt-get update
Hit:1 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:2 https://download.docker.com/linux/ubuntu focal InRelease
Hit:3 http://mirror.yandex.ru/ubuntu focal InRelease
Hit:4 http://mirror.yandex.ru/ubuntu focal-updates InRelease
Hit:5 http://mirror.yandex.ru/ubuntu focal-backports InRelease
Reading package lists... Done
root@vm418253:~#  sudo apt-get install \
>     ca-certificates \
>     curl \
>     gnupg \
>     lsb-release
Reading package lists... Done
Building dependency tree
Reading state information... Done
lsb-release is already the newest version (11.1.0ubuntu2).
ca-certificates is already the newest version (20210119~20.04.2).
curl is already the newest version (7.68.0-1ubuntu2.11).
gnupg is already the newest version (2.2.19-3ubuntu2.1).
The following packages were automatically installed and are no longer required:
  linux-headers-5.4.0-88 linux-headers-5.4.0-88-generic linux-image-unsigned-5.4.0-88-generic
  linux-modules-5.4.0-88-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@vm418253:~# sudo mkdir -p /etc/apt/keyrings
sSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpgroot@vm418253:~#  c
url -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
File '/etc/apt/keyrings/docker.gpg' exists. Overwrite? (y/N) y
root@vm418253:~#  echo \
>   "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ub
untu \
>   $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
root@vm418253:~#  sudo apt-get update
Hit:1 http://mirror.yandex.ru/ubuntu focal InRelease
Hit:2 http://mirror.yandex.ru/ubuntu focal-updates InRelease
Hit:3 http://mirror.yandex.ru/ubuntu focal-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:5 https://download.docker.com/linux/ubuntu focal InRelease
Reading package lists... Done
root@vm418253:~#  sudo apt-get install docker-ce docker-ce-cli containerd.io docker-compose-plugin
Reading package lists... Done
Building dependency tree
Reading state information... Done
containerd.io is already the newest version (1.6.4-1).
docker-ce-cli is already the newest version (5:20.10.16~3-0~ubuntu-focal).
docker-ce is already the newest version (5:20.10.16~3-0~ubuntu-focal).
docker-compose-plugin is already the newest version (2.5.0~ubuntu-focal).
The following packages were automatically installed and are no longer required:
  linux-headers-5.4.0-88 linux-headers-5.4.0-88-generic linux-image-unsigned-5.4.0-88-generic
  linux-modules-5.4.0-88-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@vm418253:~# docker -v
Docker version 20.10.16, build aa7e414
```

```
root@vm418253:~# docker run --name some-nginx -v /some/content:/usr/share/nginx/html:ro -d nginx
37f6b3c792c0282284f112fc8ec34fb066b7ac7959e4f585d2992355e3f0c666
root@vm418253:~# touch /home/index.html
root@vm418253:~# cd /home/
root@vm418253:/home# ls
index.html
root@vm418253:/home# nano index.html
root@vm418253:/home# tail index.html

<html>
<head>
<title>Hello, it's me, Ilya!</html>
</head>
<body>
  <h1> Hello, it's me, Ilya!</h1>
</body>
root@vm418253:/home# docker ps
CONTAINER ID   IMAGE              COMMAND                 CREATED          STATUS          PORTS
                                                  NAMES
37f6b3c792c0   nginx              "/docker-entrypoint.…"  5 minutes ago    Up 5 minutes    80/tcp
                                                  some-nginx
68b1d7d84087   umputun/dockvpn    "serveconfig"           44 hours ago     Up 44 hours     443/tcp, 1194/udp, 0.0.0.0:8080->8080/tcp, :::8
080->8080/tcp                                     busy_tereshkova
726a4d9f363b   umputun/dockvpn    "/bin/sh -c run"        44 hours ago     Up 44 hours     0.0.0.0:443->443/tcp, :::443->443/tcp, 0.0.0.0:
1194->1194/udp, :::1194->1194/udp, 8080/tcp       goofy_montalcini
root@vm418253:/home#
```

```
root@vm418253:/home# docker run --name demo -p 80:80 -v /some/content:/usr/share/nginx/html:ro -d nginx
31ef8cfe706910c1100700acd86ac461272296321d0c818faa0fcbd33ac58986
root@vm418253:/home# docker ps
CONTAINER ID   IMAGE              COMMAND                 CREATED          STATUS          PORTS
                                                  NAMES
31ef8cfe7069   nginx              "/docker-entrypoint.…"  11 seconds ago   Up 7 seconds    0.0.0.0:80->80/tcp, :::80->80/tcp
                                                  demo
68b1d7d84087   umputun/dockvpn    "serveconfig"           44 hours ago     Up 44 hours     443/tcp, 1194/udp, 0.0.0.0:8080->8080/tcp, :::8080->8
080/tcp                                           busy_tereshkova
726a4d9f363b   umputun/dockvpn    "/bin/sh -c run"        44 hours ago     Up 44 hours     0.0.0.0:443->443/tcp, :::443->443/tcp, 0.0.0.0:1194->
1194/udp, :::1194->1194/udp, 8080/tcp   goofy_montalcini
root@vm418253:/home#
```

Hello, it's me, Ilya!
Not secure 91.206.93.66

Hello, it's me, Ilya!
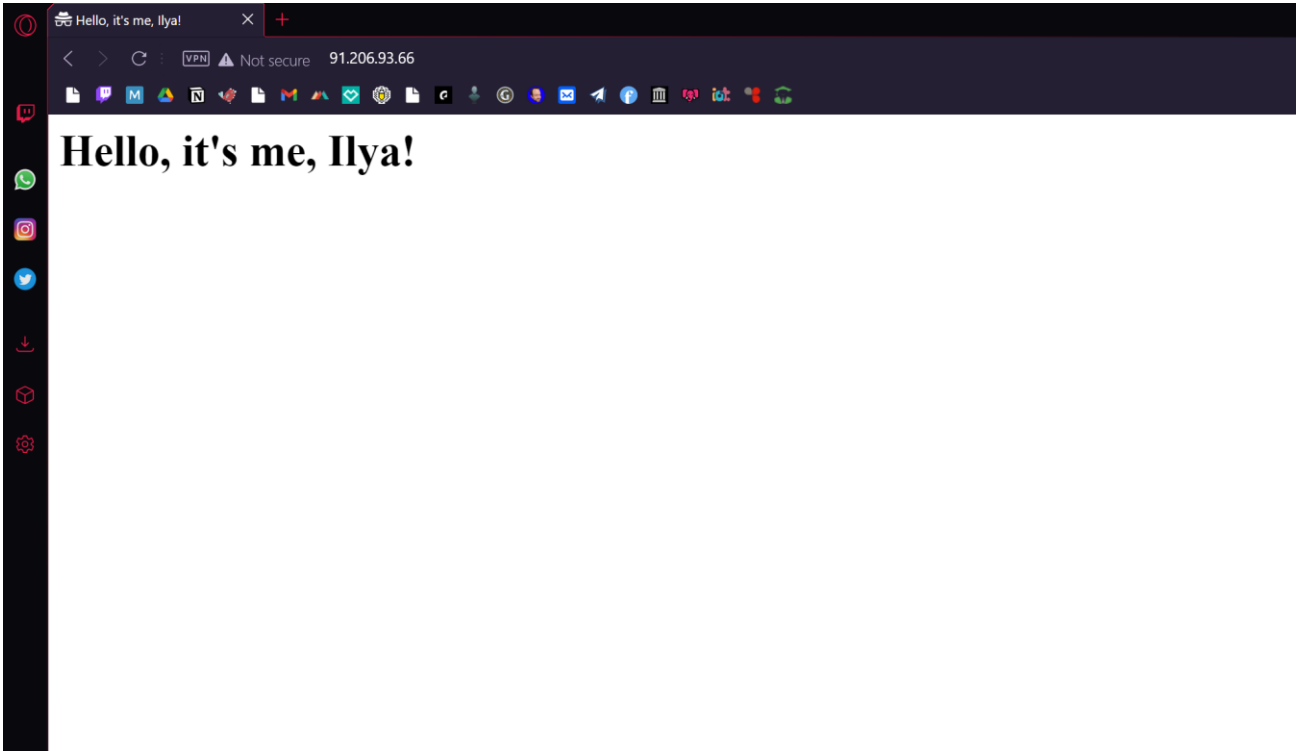
```
root@vm418253:/home# docker rm some-nginx
some-nginx
root@vm418253:/home# docker run --name some-nginx -p 80:80 -v /home:/usr/share/nginx/html:ro -d nginx
6af8bb4d309dc23c7d882e4a8f5e878ac7d3cd9b672752aeff6084196bd59ffe
root@vm418253:/home# cd
root@vm418253:~# /# mkdir /home2
-bash: /#: No such file or directory
root@vm418253:~# mkdir /home2
root@vm418253:~# cp /home/index.html /home2/index.html
root@vm418253:~# nano home2/index.html
root@vm418253:~# nano /home2/index.html
root@vm418253:~# docker run --name some-nginx2 -p 8080:80 -v /home2:/usr/share/nginx/html:ro -d nginx
d800960787db08f276f719e7ad8b0758d0d58631da25341537bb40494e89ccc4
root@vm418253:~# docker ps
CONTAINER ID   IMAGE     COMMAND                 CREATED         STATUS         PORTS                                       NAMES
d800960787db   nginx     "/docker-entrypoint.…"  7 seconds ago   Up 4 seconds   0.0.0.0:8080->80/tcp, :::8080->80/tcp      some-nginx2
6af8bb4d309d   nginx     "/docker-entrypoint.…"  5 minutes ago   Up 5 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp          some-nginx
root@vm418253:~#
```

Hello again, it's me, Ilya!