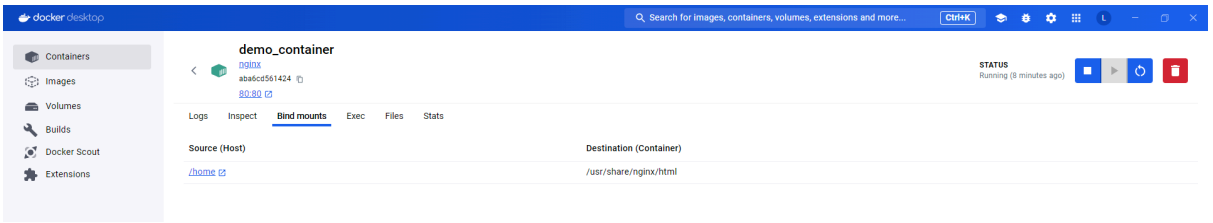
3 Лабораторная работа.

Был установлен Doker. А также был создан контейнер в нем.




```
root@stunning-irechek: /home
Microsoft Windows [Version 10.0.19045.4529]
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C:\Users\TRADE ELECTRONICS>ssh root@80.249.144.171
The authenticity of host '80.249.144.171 (80.249.144.171)' can't be established.
ECDSA key fingerprint is SHA256:w1AaodUSpcVAedcY0I/UirC3awy3MVR/GTJeffE7bTo.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '80.249.144.171' (ECDSA) to the list of known hosts.
root@80.249.144.171's password:
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-53-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

0 updates can be applied immediately.


The list of available updates is more than a week old.
To check for new updates run: sudo apt update


The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

root@stunning-irechek:~# apt update
Get:1 http://mirror.selectel.ru/ubuntu jammy InRelease [270 kB]
Get:2 http://mirror.selectel.ru/ubuntu jammy-updates InRelease [128 kB]
Get:3 http://mirror.selectel.ru/ubuntu jammy-backports InRelease [127 kB]
Get:4 http://repo.os.selectel.org jammy InRelease [10.6 kB]
Get:5 http://mirror.selectel.ru/ubuntu jammy/multiverse Sources [304 kB]
Get:6 http://mirror.selectel.ru/ubuntu jammy/main Sources [1340 kB]
Get:7 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Get:8 http://mirror.selectel.ru/ubuntu jammy/restricted Sources [23.7 kB]
Get:9 http://mirror.selectel.ru/ubuntu jammy/universe Sources [17.8 MB]
Get:10 http://mirror.selectel.ru/ubuntu jammy/main amd64 Packages [1395 kB]
Get:11 http://mirror.selectel.ru/ubuntu jammy/main amd64 c-n-f Metadata [30.3 kB]
Get:12 http://mirror.selectel.ru/ubuntu jammy/restricted amd64 Packages [129 kB]
Get:13 http://mirror.selectel.ru/ubuntu jammy/restricted amd64 c-n-f Metadata [488 B]
Get:14 http://mirror.selectel.ru/ubuntu jammy/universe amd64 Packages [14.1 MB]
Get:15 http://mirror.selectel.ru/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]
Get:16 http://mirror.selectel.ru/ubuntu jammy/multiverse amd64 Packages [217 kB]
Get:17 http://mirror.selectel.ru/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]
Get:18 http://mirror.selectel.ru/ubuntu jammy-updates/multiverse Sources [19.5 kB]
Get:19 http://mirror.selectel.ru/ubuntu jammy-updates/universe Sources [336 kB]
Get:20 http://mirror.selectel.ru/ubuntu jammy-updates/main Sources [498 kB]
Get:21 http://mirror.selectel.ru/ubuntu jammy-updates/restricted Sources [66.2 kB]
Get:22 http://mirror.selectel.ru/ubuntu jammy-updates/main amd64 Packages [1776 kB]
Get:23 http://mirror.selectel.ru/ubuntu jammy-updates/main amd64 c-n-f Metadata [16.1 kB]
Get:24 http://mirror.selectel.ru/ubuntu jammy-updates/restricted amd64 Packages [2067 kB]
Get:25 http://mirror.selectel.ru/ubuntu jammy-updates/restricted amd64 c-n-f Metadata [520 B]
Get:26 http://mirror.selectel.ru/ubuntu jammy-updates/universe amd64 Packages [1091 kB]
Get:27 http://repo.os.selectel.org jammy/main all Packages [1430 B]
Get:28 http://mirror.selectel.ru/ubuntu jammy-updates/universe amd64 c-n-f Metadata [22.1 kB]
Get:29 http://mirror.selectel.ru/ubuntu jammy-updates/multiverse amd64 Packages [43.3 kB]
Get:30 http://mirror.selectel.ru/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]
Get:31 http://mirror.selectel.ru/ubuntu jammy-backports/universe Sources [10.8 kB]
Get:32 http://mirror.selectel.ru/ubuntu jammy-backports/main Sources [8144 B]
Get:33 http://mirror.selectel.ru/ubuntu jammy-backports/main amd64 Packages [67.1 kB]
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Выбрать root@stunning-irechek: /home
Hit:2 http://mirror.selectel.ru/ubuntu jammy-updates InRelease
Hit:3 http://mirror.selectel.ru/ubuntu jammy-backports InRelease
Hit:4 http://repo.os.selectel.org jammy InRelease
Get:5 https://download.docker.com/linux/ubuntu jammy InRelease [48.8 kB]
Hit:6 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:7 https://download.docker.com/linux/ubuntu jammy/stable amd64 Packages [35.6 kB]
Fetched 84.4 kB in 1s (136 kB/s)
Reading package lists... Done
root@stunning-irechek:~# sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  aufs-tools cgroupfs-mount | cgroup-lite
Recommended packages:
  docker-ce-rootless-extras git libltdl7 pigz
The following NEW packages will be installed:
  containerd.io docker-buildx-plugin docker-ce docker-ce-cli docker-compose-plugin
0 upgraded, 5 newly installed, 0 to remove and 189 not upgraded.
Need to get 113 MB of archives.
After this operation, 416 MB of additional disk space will be used.
Get:1 https://download.docker.com/linux/ubuntu jammy/stable amd64 containerd.io amd64 1.7.18-1 [30.5 MB]
Get:2 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-buildx-plugin amd64 0.15.1-1~ubuntu.22.04~jammy [29.8 MB]
Get:3 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-ce-cli amd64 5:27.0.3-1~ubuntu.22.04~jammy [14.6 MB]
Get:4 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-ce amd64 5:27.0.3-1~ubuntu.22.04~jammy [25.3 MB]
Get:5 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-compose-plugin amd64 2.28.1-1~ubuntu.22.04~jammy [12.5 MB]
Fetched 113 MB in 2s (61.4 MB/s)
Selecting previously unselected package containerd.io.
(Reading database ... 45646 files and directories currently installed.)
Preparing to unpack .../containerd.io_1.7.18-1_amd64.deb ...
Unpacking containerd.io (1.7.18-1) ...
Selecting previously unselected package docker-buildx-plugin.
Preparing to unpack .../docker-buildx-plugin_0.15.1-1~ubuntu.22.04~jammy_amd64.deb ...
Unpacking docker-buildx-plugin (0.15.1-1~ubuntu.22.04~jammy) ...
Selecting previously unselected package docker-ce-cli.
Preparing to unpack .../docker-ce-cli_5%3a27.0.3-1~ubuntu.22.04~jammy_amd64.deb ...
Unpacking docker-ce-cli (5:27.0.3-1~ubuntu.22.04~jammy) ...
Selecting previously unselected package docker-ce.
Preparing to unpack .../docker-ce_5%3a27.0.3-1~ubuntu.22.04~jammy_amd64.deb ...
Unpacking docker-ce (5:27.0.3-1~ubuntu.22.04~jammy) ...
Selecting previously unselected package docker-compose-plugin.
Preparing to unpack .../docker-compose-plugin_2.28.1-1~ubuntu.22.04~jammy_amd64.deb ...
Unpacking docker-compose-plugin (2.28.1-1~ubuntu.22.04~jammy) ...
Setting up docker-buildx-plugin (0.15.1-1~ubuntu.22.04~jammy) ...
Setting up containerd.io (1.7.18-1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /lib/systemd/system/containerd.service.
Setting up docker-compose-plugin (2.28.1-1~ubuntu.22.04~jammy) ...
Setting up docker-ce-cli (5:27.0.3-1~ubuntu.22.04~jammy) ...
Setting up docker-ce (5:27.0.3-1~ubuntu.22.04~jammy) ...
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/docker.socket.
Processing triggers for man-db (2.10.2-1) ...
root@stunning-irechek:~# touch /home/index.html
root@stunning-irechek:~# cd /home
root@stunning-irechek:/home# nano index.html
root@stunning-irechek:/home#
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Командная строка
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C:\Users\TRADE ELECTRONICS>docker run --name demo_container -p 80:80 -v /home:/usr/share/nginx/html:ro -d nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
2cc3ae149d28: Pull complete
1018f2b8dba8: Pull complete
b831e78d8e20: Pull complete
3ab22521e919: Pull complete
5112bf42775b: Pull complete
cbdaf9e4ee2d: Pull complete
a06b6fd631e8: Pull complete
Digest: sha256:9c367186df9a6b18c6735357b8eb7f407347e84aea09beb184961cb83543d46e
Status: Downloaded newer image for nginx:latest
aba6cd561424b17bb0a2259abe9d95d40e06e01aedb4a080f121a506ef806ee2

C:\Users\TRADE ELECTRONICS>
```