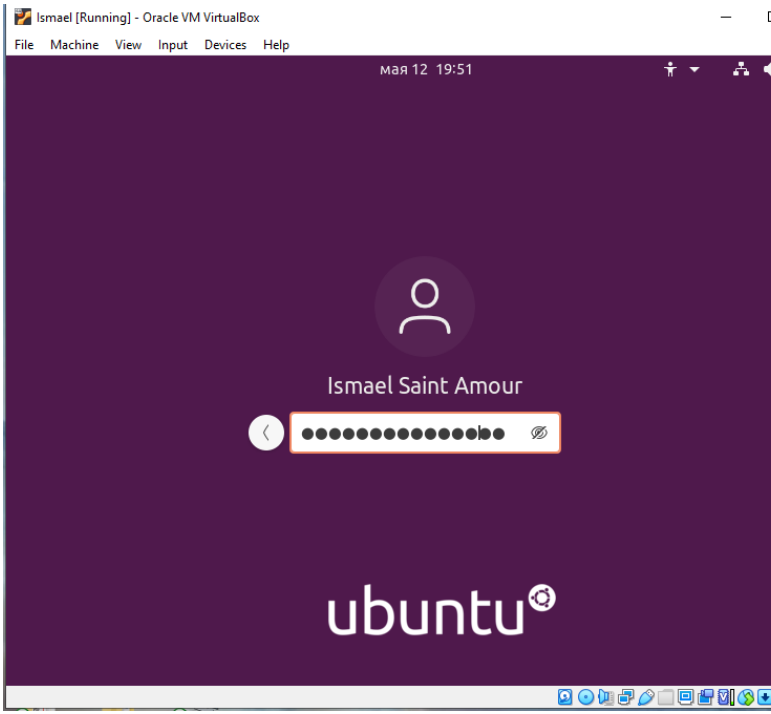


-

№ 7

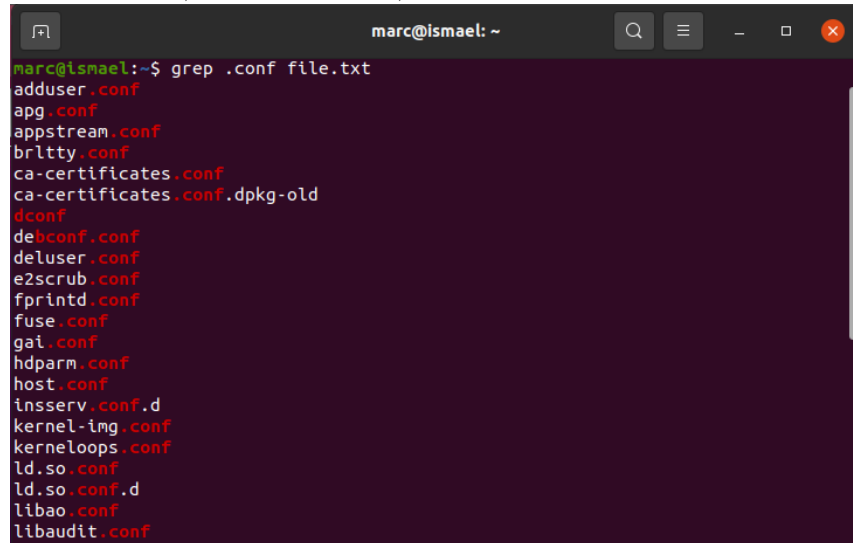
:
:
: -02-20
2021 . ##### : >
, : (),
:
:

- 1. ,
- 2. file.txt , /etc.



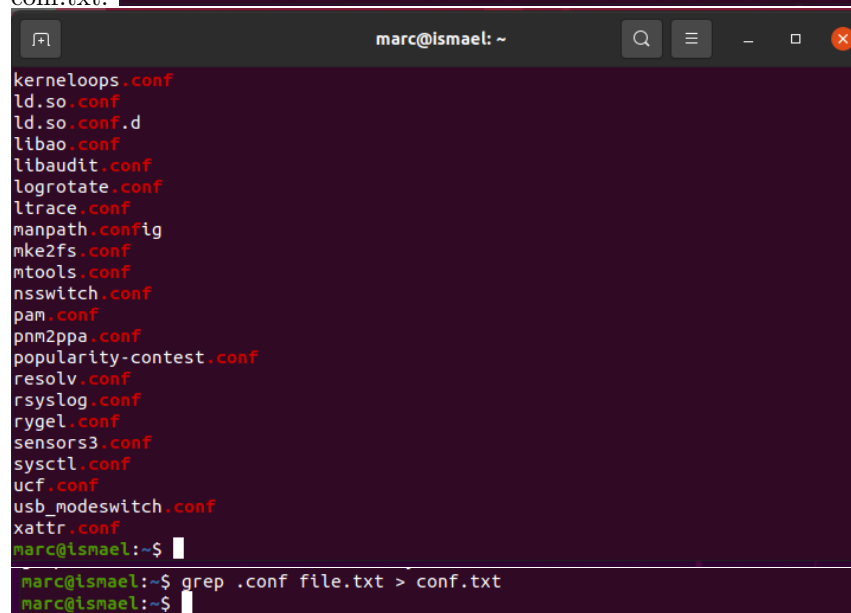
```
marc@ismael: ~  
marc@ismael:~$ ls /etc > file.txt  
marc@ismael:~$ ls ~ >> file.txt  
marc@ismael:~$
```

3. file.txt, .conf,



```
marc@ismael: ~  
marc@ismael:~$ grep .conf file.txt  
adduser.conf  
apg.conf  
appstream.conf  
brlty.conf  
ca-certificates.conf  
ca-certificates.conf.dpkg-old  
dconf  
debconf.conf  
deluser.conf  
e2scrub.conf  
fprintd.conf  
fuse.conf  
gai.conf  
hdparm.conf  
host.conf  
inserv.conf.d  
kernel-img.conf  
kerneloops.conf  
ld.so.conf  
ld.so.conf.d  
libao.conf  
libaudit.conf
```

conf.txt.



```
marc@ismael: ~  
kerneloops.conf  
ld.so.conf  
ld.so.conf.d  
libao.conf  
libaudit.conf  
logrotate.conf  
ltrace.conf  
manpath.config  
mke2fs.conf  
mtools.conf  
nsswitch.conf  
pam.conf  
pnm2ppa.conf  
popularity-contest.conf  
resolv.conf  
rsyslog.conf  
rygel.conf  
sensors3.conf  
sysctl.conf  
ucf.conf  
usb_modeswitch.conf  
xattr.conf  
marc@ismael:~$  
marc@ismael:~$ grep .conf file.txt > conf.txt  
marc@ismael:~$
```


4. , C. ,

```
marc@ismael:~$ ls -l | grep c*
adduser.conf
apg.conf
appstream.conf
brltty.conf
ca-certificates.conf
ca-certificates.conf.dpkg-old
dconf
debconf.conf
deluser.conf
e2scrub.conf
fprintd.conf
fuse.conf
gal.conf
hdparm.conf
host.conf
insserv.conf.d
kernel-img.conf
kerneloops.conf
ld.so.conf
ld.so.conf.d
libao.conf
libaudit.conf

marc@ismael:~$ find ~/c* -name "c*" -print
/home/marc/conf
/home/marc/conf.txt
marc@ismael:~$
```

5. () /etc, h.

```
marc@ismael:~$ cd /etc
marc@ismael:/etc$ ls -l | grep h* | less
grep: hp: Is a directory
```



(END)

6. , ~/logfile ,

log.

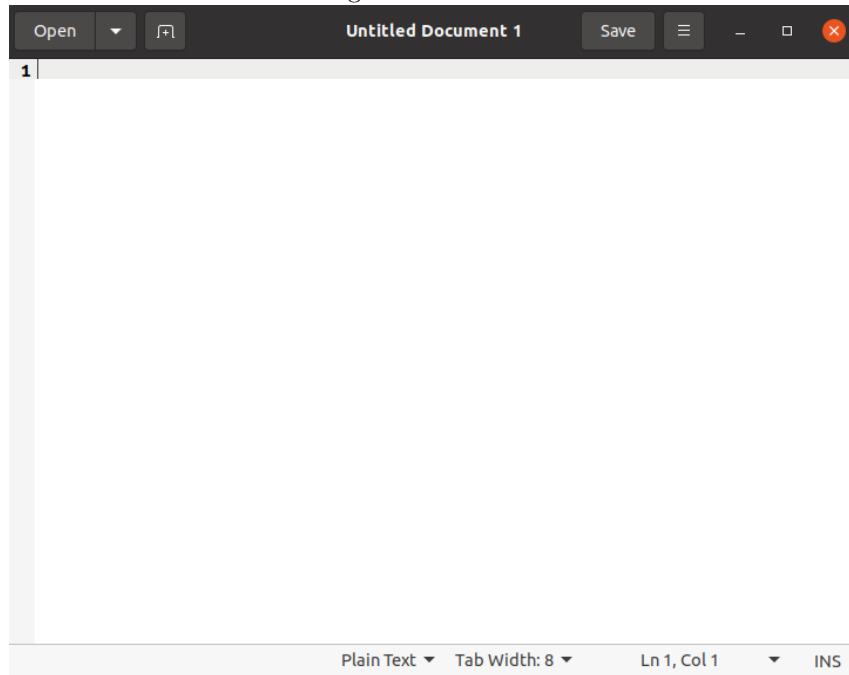
```
marc@ismael:/etc$ cd
marc@ismael:~$ find ~ -name "log*" -print
/home/marc/.local/share/Trash/files/work.4/2020-2021/operating system/.git/logs
/home/marc/.local/share/keyrings/login.keyring
/home/marc/.mozilla/firefox/prrz6dtn.default-release/logins-backup.json
/home/marc/.mozilla/firefox/prrz6dtn.default-release/logins.json
/home/marc/work/2020-2021/operating system/.git/logs
marc@ismael:~$
```

7. ~/logfile.

```
marc@ismael:~$ find ~ -name "log*" -print > ~/logfile &
[1] 3271
marc@ismael:~$ rm -r logfile
[1]+  Done                  find ~ -name "log*" -print > ~/logfile
marc@ismael:~$
```

8. gedit.

```
marc@ismael:~$ gedit &
[1] 3305
marc@ismael:~$
```



9. gedit, ps, grep.

```
marc@ismael:~$ ps aux | grep -i gedit
marc      3433  12.2  5.6 755020 57116 pts/0    Sl   20:29   0:06 gedit
marc      3525   0.0  0.0  17672   728 pts/0    S+   20:30   0:00 grep --colo
r=auto -i gedit
marc@ismael:~$
```

10. (man) kill, gedit.

```
marc@ismael: ~  
KILL(1)                                User Commands                                KILL(1)  
  
NAME  
    kill - send a signal to a process  
  
SYNOPSIS  
    kill [options] <pid> [...]  
  
DESCRIPTION  
    The default signal for kill is TERM. Use -l or -L to list available  
    signals. Particularly useful signals include HUP, INT, KILL, STOP,  
    CONT, and 0. Alternate signals may be specified in three ways: -9,  
    -SIGKILL or -KILL. Negative PID values may be used to choose whole  
    process groups; see the PGID column in ps command output. A PID of  
    -1 is special; it indicates all processes except the kill process it-  
    self and init.  
  
OPTIONS  
    <pid> [...]  
        Send signal to every <pid> listed.  
  
    -<signal>  
Manual page kill(1) line 1 (press h for help or q to quit)
```

11. df du,

```
marc@ismael: ~  
DF(1)                                User Commands                                DF(1)  
  
NAME  
    df - report file system disk space usage  
  
SYNOPSIS  
    df [OPTION]... [FILE]...  
  
DESCRIPTION  
    This manual page documents the GNU version of df. df displays the  
    amount of disk space available on the file system containing each  
    file name argument. If no file name is given, the space available on  
    all currently mounted file systems is shown. Disk space is shown in  
    1K blocks by default, unless the environment variable POSIXLY_CORRECT  
    is set, in which case 512-byte blocks are used.  
  
    If an argument is the absolute file name of a disk device node con-  
    taining a mounted file system, df shows the space available on that  
    file system rather than on the file system containing the device  
    node. This version of df cannot show the space available on un-  
    mounted file systems, because on most kinds of systems doing so re-  
    quires very nonportable intimate knowledge of file system structures.  
man. Manual page df(1) line 1 (press h for help or q to quit)
```

```
marc@ismael: ~  
DU(1) User Commands DU(1)  
  
NAME  
    du - estimate file space usage  
  
SYNOPSIS  
    du [OPTION]... [FILE]...  
    du [OPTION]... --files0-from=F  
  
DESCRIPTION  
    Summarize disk usage of the set of FILES, recursively for directories.  
  
    Mandatory arguments to long options are mandatory for short options too.  
  
    -0, --null  
        end each output line with NUL, not newline  
  
    -a, --all  
        write counts for all files, not just directories  
  
Manual page du(1) line 1 (press h for help or q to quit)  
marc@ismael:~$ man kill  
marc@ismael:~$ man df  
marc@ismael:~$ man du  
marc@ismael:~$ df  
Filesystem      1K-blocks    Used Available Use% Mounted on  
udev            472612         0   472612    0% /dev  
tmpfs           100432      1380    99052    2% /run  
/dev/sda5       40503552 10200236 28216148 27% /  
tmpfs           502156         0   502156    0% /dev/shm  
tmpfs           5120         4     5116    1% /run/lock  
tmpfs           502156         0   502156    0% /sys/fs/cgroup  
/dev/loop1      56832      56832         0 100% /snap/core18/1988  
/dev/loop0      56832      56832         0 100% /snap/core18/1997  
/dev/loop2      22272      22272         0 100% /snap/flow/710  
/dev/loop3      224256     224256         0 100% /snap/gnome-3-34-1804/66  
/dev/loop4      66432      66432         0 100% /snap/gtk-common-themes/1514  
/dev/loop5      66688      66688         0 100% /snap/gtk-common-themes/1515  
/dev/loop7      31872      31872         0 100% /snap/snapd/11036  
/dev/loop6      52352      52352         0 100% /snap/snap-store/518  
/dev/loop8      33152      33152         0 100% /snap/snapd/11588  
tmpfs          100428         40   100388    1% /run/user/1000  
marc@ismael:~$
```

```

marc@ismael:~$ du
4      ./local/share/evolution/mail/trash
8      ./local/share/evolution/mail
4      ./local/share/evolution/calendar/trash
8      ./local/share/evolution/calendar/system
16     ./local/share/evolution/calendar
4      ./local/share/evolution/memos/trash
8      ./local/share/evolution/memos
4      ./local/share/evolution/tasks/trash
8      ./local/share/evolution/tasks/system
16     ./local/share/evolution/tasks
4      ./local/share/evolution/addressbook/trash
4      ./local/share/evolution/addressbook/system/photos
92     ./local/share/evolution/addressbook/system
100    ./local/share/evolution/addressbook
152    ./local/share/evolution
4      ./local/share/sounds
4      ./local/share/Trash/files/lab02.2/.git/objects/pack
8      ./local/share/Trash/files/lab02.2/.git/objects/4e
8      ./local/share/Trash/files/lab02.2/.git/objects/5a
8      ./local/share/Trash/files/lab02.2/.git/objects/81
4      ./local/share/Trash/files/lab02.2/.git/objects/info

```

12. find, , .
- ```

marc@ismael:~$ man find
marc@ismael:~$ find ~ -type d -print
/home/marc
/home/marc/.local
/home/marc/.local/share
/home/marc/.local/share/evolution
/home/marc/.local/share/evolution/mail
/home/marc/.local/share/evolution/mail/trash
/home/marc/.local/share/evolution/calendar
/home/marc/.local/share/evolution/calendar/trash
/home/marc/.local/share/evolution/calendar/system
/home/marc/.local/share/evolution/memos
/home/marc/.local/share/evolution/memos/trash
/home/marc/.local/share/evolution/tasks
/home/marc/.local/share/evolution/tasks/trash
/home/marc/.local/share/evolution/tasks/system
/home/marc/.local/share/evolution/addressbook
/home/marc/.local/share/evolution/addressbook/trash
/home/marc/.local/share/evolution/addressbook/system
/home/marc/.local/share/evolution/addressbook/system/photos
/home/marc/.local/share/sounds
/home/marc/.local/share/Trash
/home/marc/.local/share/Trash/files

```
- : > ,
- : ( ),
- : 1. : - stdin —
- ( : ), 0; - stdout — ( :
- ), 1; - stderr — ( :
2. 2. > - stdout ( ) . , ,
- . >> - stdout ( ) . , ,
- 3. (pipe) ,
4. - , , (process ID).

```

. 5. PID — () , , ,
. 6. (jobs). jobs,
kill % . 7.
top Linux , , , htop —
top, htop ,
. htop top ,
. 8. find ,
: find [-] ,
: -
, f: find ~ -name "f" -print - /etc,
p: find /etc -name "p" -print -
: find ~ -name "~" -exec rm "{}" ; 9.
() grep. : grep — : -
, f, begin: grep begin f -
« »: ls -l | grep 10.
df. 11.
kill % .
df /home/ 12.

```