verania@verania-Aspire-A515-51: ~

Archivo Editar Ver Buscar Terminal Ayuda

```
verania@verania-Aspire-A515-51:~$ pwd
/home/verania
verania@verania-Aspire-A515-51:~$ mkdir -v dir1
mkdir: se ha creado el directorio 'dir1'
verania@verania-Aspire-A515-51:~$ mkdir -v dir2
mkdir: se ha creado el directorio 'dir2'
verania@verania-Aspire-A515-51:~$ mkdir -v dir2/dir3
mkdir: se ha creado el directorio 'dir2/dir3'
verania@verania-Aspire-A515-51:~$ mkdir -v dir2/dir3/4
mkdir: se ha creado el directorio 'dir2/dir3/4'
verania@verania-Aspire-A515-51:~$ ls
Descargas  dir2    dirl2      Escritorio     Imágenes  Plantillas  Vídeos
dir1       dirl1   Documentos examples.desktop  Música  Público
verania@verania-Aspire-A515-51:~$ ls -
ls: no se puede acceder a '-': No existe el archivo o el directorio
verania@verania-Aspire-A515-51:~$ ls -R
.:
Descargas  dir2    dirl2      Escritorio     Imágenes  Plantillas  Vídeos
dir1       dirl1   Documentos examples.desktop  Música  Público

./Descargas:

./dir1:

./dir2:
dir3

./dir2/dir3:
4

./dir2/dir3/4:

./dirl1:

./dirl2:

./Documentos:
```

verania@verania-Aspire-A515-51: ~

Archivo Editar Ver Buscar Terminal Ayuda

```
.:
Descargas  dir2    dirl2      Escritorio     Imágenes  Plantillas  Vídeos
dir1       dirl1   Documentos examples.desktop  Música  Público

./Descargas:

./dir1:

./dir2:
dir3

./dir2/dir3:
4

./dir2/dir3/4:

./dirl1:

./dirl2:

./Documentos:

./Escritorio:

./Imágenes:

./Música:

./Plantillas:

./Público:

./Vídeos:
verania@verania-Aspire-A515-51:~$ cd dir2
verania@verania-Aspire-A515-51:~/dir2$ cd -
/home/verania
verania@verania-Aspire-A515-51:~$ cd
verania@verania-Aspire-A515-51:~$ 
```

Lab 2

verania@verania-Aspire-A515-51: ~

Archivo Editar Ver Buscar Terminal Ayuda

```
verania@verania-Aspire-A515-51:~$ touch file1.txt
verania@verania-Aspire-A515-51:~$ touch file1.txt
verania@verania-Aspire-A515-51:~$ touch file2.txt
verania@verania-Aspire-A515-51:~$ dir
Descargas  dir1       Escritorio       file2.txt  Plantillas
dir1       dir2       examples.desktop Imágenes   Público
dir2       Documentos file1.txt        Música     Vídeos
verania@verania-Aspire-A515-51:~$ echo "hello"
hello
verania@verania-Aspire-A515-51:~$ echo "hello" > hello.txt
verania@verania-Aspire-A515-51:~$ echo "linux" >> hello.txt
verania@verania-Aspire-A515-51:~$ echo "world" >> hello.txt
verania@verania-Aspire-A515-51:~$ cat hello.txt
hello
linux
world
verania@verania-Aspire-A515-51:~$ tail -2 hello.txt
linux
world
verania@verania-Aspire-A515-51:~$ tail hello.txt
hello
linux
world
verania@verania-Aspire-A515-51:~$ stat hello.txt
  Fichero: hello.txt
  Tamaño: 18        Bloques: 8        Bloque E/S: 4096   fichero regular
Dispositivo: 807h/2055d Nodo-i: 1575454   Enlaces: 1
Acceso: (0644/-rw-r--r--) Uid: ( 1000/ verania)  Gid: ( 1000/ verania)
Acceso: 2020-09-23 17:42:54.128044153 -0500
Modificación: 2020-09-23 17:42:41.959043814 -0500
  Cambio: 2020-09-23 17:42:41.959043814 -0500
  Creación: -
verania@verania-Aspire-A515-51:~$ stat dir1
  Fichero: dir1
  Tamaño: 4096      Bloques: 8        Bloque E/S: 4096   directorio
Dispositivo: 807h/2055d Nodo-i: 1575152   Enlaces: 2
Acceso: (0755/drwxr-xr-x) Uid: ( 1000/ verania)  Gid: ( 1000/ verania)
Acceso: 2020-09-23 17:32:35.305049118 -0500
```

lab 3

verania@verania-Aspire-A515-51: ~

Archivo Editar Ver Buscar Terminal Ayuda

```
verania@verania-Aspire-A515-51:~$ du
4       ./dir3/4
16      ./dir3
4       ./Escritorio
4       ./Documentos
4       ./.mozilla/systemextensionsdev
4       ./.mozilla/extensions
1308    ./.mozilla/firefox/vvvpqdcc.default/blocklists
4       ./.mozilla/firefox/vvvpqdcc.default/crashes/events
12      ./.mozilla/firefox/vvvpqdcc.default/crashes
1384    ./.mozilla/firefox/vvvpqdcc.default/gmp-gmpopenh264/1.7.1
1388    ./.mozilla/firefox/vvvpqdcc.default/gmp-gmpopenh264
4       ./.mozilla/firefox/vvvpqdcc.default/gmp/Linux_x86_64-gcc3
8       ./.mozilla/firefox/vvvpqdcc.default/gmp
4       ./.mozilla/firefox/vvvpqdcc.default/saved-telemetry-pings
1088    ./.mozilla/firefox/vvvpqdcc.default/storage/temporary/https+++web.whatsapp.com/asmjs
1100    ./.mozilla/firefox/vvvpqdcc.default/storage/temporary/https+++web.whatsapp.com
1104    ./.mozilla/firefox/vvvpqdcc.default/storage/temporary
4       ./.mozilla/firefox/vvvpqdcc.default/storage/default/about+newtab/idb/3312185054sbndi_pspte.files
52      ./.mozilla/firefox/vvvpqdcc.default/storage/default/about+newtab/idb
64      ./.mozilla/firefox/vvvpqdcc.default/storage/default/about+newtab
4       ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/315746093sw.files
4       ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/3166453069wcaw.files
4       ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/3713173747_s_edmban.files
4       ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/1119037936ptbc_edte.files
4       ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/1975025290lbrdui--meegdairao-ts.files
4       ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/3608011301_B_Dwdaewxce_d_nein_s.files
912     ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb
752     ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/54
100     ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/111
28      ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/174
44      ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/222
76      ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/231
32      ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/196
80      ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/4
36      ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/126
28      ./.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/227
```

verania@verania-Aspire-A515-51: ~

```
254080    ./.cache
4         ./Público
298656    .
verania@verania-Aspire-A515-51:~$ du -xh ~
4.0K    /home/verania/dir3/4
16K     /home/verania/dir3
4.0K    /home/verania/Escritorio
4.0K    /home/verania/Documentos
4.0K    /home/verania/.mozilla/systemextensionsdev
4.0K    /home/verania/.mozilla/extensions
1.3M    /home/verania/.mozilla/firefox/vvvpqdcc.default/blocklists
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/crashes/events
12K     /home/verania/.mozilla/firefox/vvvpqdcc.default/crashes
1.4M    /home/verania/.mozilla/firefox/vvvpqdcc.default/gmp-gmpopenh264/1.7.1
1.4M    /home/verania/.mozilla/firefox/vvvpqdcc.default/gmp-gmpopenh264
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/gmp/Linux_x86_64-gcc3
8.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/gmp
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/saved-telemetry-pings
1.1M    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/temporary/https+++web.whatsapp.com/asmjs
1.1M    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/temporary/https+++web.whatsapp.com
1.1M    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/temporary
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/about+newtab/idb/3312185054sbndi_pspte.files
52K     /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/about+newtab/idb
64K     /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/about+newtab
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/315746093sw.files
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/316645306 9wcaw.files
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/3713173747_s_edmban.files
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/1119037936ptbc_edte.files
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/1975025290lbrdui--meegdairao-ts.files
4.0K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb/3608011301_B_Dwdaewxce_d_nein_s.files
912K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/idb
752K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/54
100K    /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/111
28K     /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/174
44K     /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/222
76K     /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/231
32K     /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/196
80K     /home/verania/.mozilla/firefox/vvvpqdcc.default/storage/default/https+++web.whatsapp.com/cache/morgue/4
```

verania@verania-Aspire-A515-51: ~

```
249M    /home/verania/.cache
4.0K    /home/verania/Público
292M    /home/verania
verania@verania-Aspire-A515-51:~$ du --max-depth 3 ~
4       /home/verania/dir3/4
16      /home/verania/dir3
4       /home/verania/Escritorio
4       /home/verania/Documentos
4       /home/verania/.mozilla/systemextensionsdev
4       /home/verania/.mozilla/extensions
40380   /home/verania/.mozilla/firefox/vvvpqdcc.default
12      /home/verania/.mozilla/firefox/Crash Reports
4       /home/verania/.mozilla/firefox/Pending Pings
40404   /home/verania/.mozilla/firefox
40416   /home/verania/.mozilla
4       /home/verania/dir12
436     /home/verania/Imágenes
4       /home/verania/Descargas
12      /home/verania/dir50
4       /home/verania/.config/gnome-session/saved-session
4       /home/verania/.config/gnome-session
8       /home/verania/.config/ibus/bus
12      /home/verania/.config/ibus
1888    /home/verania/.config/libreoffice/4
1892    /home/verania/.config/libreoffice
12      /home/verania/.config/dconf
4       /home/verania/.config/goa-1.0
8       /home/verania/.config/gtk-3.0
4       /home/verania/.config/update-notifier
8       /home/verania/.config/evolution/sources
12      /home/verania/.config/evolution
84      /home/verania/.config/pulse
8       /home/verania/.config/nautilus
2060    /home/verania/.config
4       /home/verania/Plantillas
4       /home/verania/dir11
4       /home/verania/.local/share/gnome-settings-daemon
72      /home/verania/.local/share/xorg
```

```
                                    verania@verania-Aspire-A515-51: ~
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
16       /home/verania/.cache/fontconfig
216      /home/verania/.cache/wallpaper
252136   /home/verania/.cache/mozilla/firefox
252140   /home/verania/.cache/mozilla
144      /home/verania/.cache/gnome-software/fwupd
700      /home/verania/.cache/gnome-software/shell-extensions
848      /home/verania/.cache/gnome-software
8        /home/verania/.cache/evolution/mail
8        /home/verania/.cache/evolution/sources
8        /home/verania/.cache/evolution/memos
8        /home/verania/.cache/evolution/tasks
8        /home/verania/.cache/evolution/addressbook
8        /home/verania/.cache/evolution/calendar
52       /home/verania/.cache/evolution
760      /home/verania/.cache/gstreamer-1.0
4        /home/verania/.cache/update-manager-core
4        /home/verania/.cache/ibus-table
254088   /home/verania/.cache
4        /home/verania/Público
298664   /home/verania
verania@verania-Aspire-A515-51:~$ cp -v hello.txt dir2
'hello.txt' -> 'dir2/hello.txt'
verania@verania-Aspire-A515-51:~$ cp -v hello.txt dir2/file2.txt
'hello.txt' -> 'dir2/file2.txt'
verania@verania-Aspire-A515-51:~$ cp -vr dir2/dir3 .
'dir2/dir3/file2.txt' -> './dir3/file2.txt'
'dir2/dir3/hello.txt' -> './dir3/hello.txt'
verania@verania-Aspire-A515-51:~$ ls
Descargas  dir3   dir12      examples.desktop  hello.txt   Plantillas
dir1       dir50  Documentos  file1.txt         Imágenes    Público
dir2       dir11  Escritorio  file2.txt         Música      Vídeos
verania@verania-Aspire-A515-51:~$ md5sum hello.txt
b8d5079c5d6a9dbb3294b31d318d74c0  hello.txt
verania@verania-Aspire-A515-51:~$ md5sum dir2/hello.txt
b8d5079c5d6a9dbb3294b31d318d74c0  dir2/hello.txt
verania@verania-Aspire-A515-51:~$ mv hello.txt dir2/dir3/dir4/hi.txt
mv: no se puede mover 'hello.txt' a 'dir2/dir3/dir4/hi.txt': No existe el archivo o el directorio
verania@verania-Aspire-A515-51:~$
```

no dejo avanzar

lab 4

```
                                    verania@verania-Aspire-A515-51: ~
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
  PID TTY          TIME CMD
 6256 pts/0    00:00:00 bash
 6278 pts/0    00:00:00 sleep
 6281 pts/0    00:00:00 ps
verania@verania-Aspire-A515-51:~$ clear
verania@verania-Aspire-A515-51:~$ ps
  PID TTY          TIME CMD
 6256 pts/0    00:00:00 bash
 6278 pts/0    00:00:00 sleep
 6283 pts/0    00:00:00 ps
verania@verania-Aspire-A515-51:~$ kill 6278
verania@verania-Aspire-A515-51:~$ ps
  PID TTY          TIME CMD
 6256 pts/0    00:00:00 bash
 6284 pts/0    00:00:00 ps
[1]+  Terminado          sleep 60
verania@verania-Aspire-A515-51:~$ kill -p 6278
bash: kill: p: especificación de señal no válida
verania@verania-Aspire-A515-51:~$ kill -p -9
bash: kill: p: especificación de señal no válida
verania@verania-Aspire-A515-51:~$ ps
  PID TTY          TIME CMD
 6256 pts/0    00:00:00 bash
 6286 pts/0    00:00:00 ps
verania@verania-Aspire-A515-51:~$ sleep 30 &
[1] 6287
verania@verania-Aspire-A515-51:~$ sleep 30 &
[2] 6288
verania@verania-Aspire-A515-51:~$ ps
  PID TTY          TIME CMD
 6256 pts/0    00:00:00 bash
 6287 pts/0    00:00:00 sleep
 6288 pts/0    00:00:00 sleep
 6289 pts/0    00:00:00 ps
verania@verania-Aspire-A515-51:~$ killall sleep
[1]-  Terminado          sleep 30
[2]+  Terminado          sleep 30
verania@verania-Aspire-A515-51:~$ killall -u verania #no quiero que se apague mi lap xd
```

verania@verania-Aspire-A515-51: ~

Archivo   Editar   Ver   Buscar   Terminal   Ayuda

```
verania@verania-Aspire-A515-51:~$ killall -w find
find: proceso no encontrado
verania@verania-Aspire-A515-51:~$ pidof bash
7216
verania@verania-Aspire-A515-51:~$ pidof -s bash
7216
verania@verania-Aspire-A515-51:~$ nice -n 19 sleep 30 &
[1] 7251
verania@verania-Aspire-A515-51:~$ renice -n 19 7251
7251 (process ID) prioridad anterior 19, nueva prioridad 19
verania@verania-Aspire-A515-51:~$ renice +1 -u verania
renice: no se ha podido establecer la prioridad de 1000 (user ID): Operación no permitida
[1]+  Hecho                    nice -n 19 sleep 30
verania@verania-Aspire-A515-51:~$ top

top - 18:32:11 up  2:56,  3 users,  load average: 0.36, 0.41, 0.53
Tareas: 240 total,   1 ejecutar,  185 hibernar,    0 detener,    0 zombie
%Cpu(s):  0.0 usuario,  1.4 sist,  2.7 adecuado, 95.9 inact,  0.0 en espera,  0.0 hardw int,  0.1 softw int,  0.0 robar tiempo
KiB Mem : 12169752 total,  8258124 libre,  1454540 usado,  2457088 búfer/caché
KiB Intercambio: 2097148 total,  2097148 libre,        0 usado.  9988096 dispon Mem

   PID USUARIO     PR  NI    VIRT    RES    SHR S  %CPU %MEM     HORA+ ORDEN
  6395 verania     21   1  416684  78448  53680 S   6.9  0.6   0:08.82 Xorg
  7206 verania     21   1  802532  37952  28708 S   3.6  0.3   0:01.53 gnome-terminal-
  6537 verania     21   1 3824880 310916  73532 S   3.3  0.3   0:18.49 gnome-shell
   320 root       -51   0       0      0      0 S   2.6  0.0   0:27.12 irq/129-ELAN050
  7333 verania     21   1   51452   4304   3580 R   0.7  0.0   0:00.13 top
     1 root        20   0  225588   9272   6616 S   0.3  0.1   0:06.55 systemd
    16 root        20   0       0      0      0 S   0.3  0.0   0:00.09 ksoftirqd/1
  6558 verania     21   1  378028  10144   8456 S   0.3  0.1   0:00.99 ibus-daemon
     2 root        20   0       0      0      0 S   0.0  0.0   0:00.01 kthreadd
     4 root         0 -20       0      0      0 I   0.0  0.0   0:00.00 kworker/0:0H
     6 root         0 -20       0      0      0 I   0.0  0.0   0:00.00 mm_percpu_wq
     7 root        20   0       0      0      0 S   0.0  0.0   0:00.10 ksoftirqd/0
     8 root        20   0       0      0      0 I   0.0  0.0   0:03.04 rcu_sched
     9 root        20   0       0      0      0 I   0.0  0.0   0:00.00 rcu_bh
    10 root        rt   0       0      0      0 S   0.0  0.0   0:00.01 migration/0
    11 root        rt   0       0      0      0 S   0.0  0.0   0:00.01 watchdog/0
```

verania@verania-Aspire-A515-51: ~

Archivo   Editar   Ver   Buscar   Terminal   Ayuda

```
        ├─systemd─┬─(sd-pam)
        │         ├─at-spi-bus-laun─┬─dbus-daemon
        │         │                 └─3*[{at-spi-bus-laun}]
        │         ├─at-spi2-registr───2*[{at-spi2-registr}]
        │         ├─dbus-daemon
        │         ├─dconf-service───2*[{dconf-service}]
        │         ├─evolution-addre─┬─evolution-addre───5*[{evolution-addre}]
        │         │                 └─4*[{evolution-addre}]
        │         ├─evolution-calen─┬─evolution-calen───8*[{evolution-calen}]
        │         │                 └─4*[{evolution-calen}]
        │         ├─evolution-sourc───3*[{evolution-sourc}]
        │         ├─gnome-shell-cal───5*[{gnome-shell-cal}]
        │         ├─gnome-terminal-─┬─bash───pstree
        │         │                 └─3*[{gnome-terminal-}]
        │         ├─goa-daemon───4*[{goa-daemon}]
        │         ├─goa-identity-se───3*[{goa-identity-se}]
        │         ├─gvfs-afc-volume───3*[{gvfs-afc-volume}]
        │         ├─gvfs-goa-volume───2*[{gvfs-goa-volume}]
        │         ├─gvfs-gphoto2-vo───2*[{gvfs-gphoto2-vo}]
        │         ├─gvfs-mtp-volume───2*[{gvfs-mtp-volume}]
        │         ├─gvfs-udisks2-vo───2*[{gvfs-udisks2-vo}]
        │         ├─gvfsd─┬─gvfsd-dnssd───2*[{gvfsd-dnssd}]
        │         │       ├─gvfsd-network───3*[{gvfsd-network}]
        │         │       ├─gvfsd-trash───2*[{gvfsd-trash}]
        │         │       └─2*[{gvfsd}]
        │         ├─gvfsd-fuse───5*[{gvfsd-fuse}]
        │         └─ibus-portal───2*[{ibus-portal}]
        ├─systemd-journal
        ├─systemd-logind
        ├─systemd-resolve
        ├─systemd-timesyn───{systemd-timesyn}
        ├─systemd-udevd
        ├─thermald───{thermald}
        ├─udisksd───4*[{udisksd}]
        ├─upowerd───2*[{upowerd}]
        ├─whoopsie───2*[{whoopsie}]
        └─wpa_supplicant
verania@verania-Aspire-A515-51:~$
```

```
        ├─systemd-resolve(664)
        ├─systemd-timesyn(665)───{systemd-timesyn}(679)
        ├─systemd-udevd(274)
        ├─thermald(681)───{thermald}(769)
        ├─udisksd(713)───┬─{udisksd}(753)
        │                ├─{udisksd}(776)
        │                ├─{udisksd}(787)
        │                └─{udisksd}(795)
        ├─upowerd(871)───┬─{upowerd}(872)
        │                └─{upowerd}(873)
        ├─whoopsie(833)───┬─{whoopsie}(837)
        │                 └─{whoopsie}(838)
        └─wpa_supplicant(733)
verania@verania-Aspire-A515-51:~$ time ls -l
total 72
drwxr-xr-x 2 verania verania 4096 mar 14  2019 Descargas
drwxr-xr-x 2 verania verania 4096 sep 23 17:30 dir1
drwxr-xr-x 3 verania verania 4096 sep 23 18:07 dir2
drwxr-xr-x 3 verania verania 4096 sep 23 17:53 dir3
drwxr-xr-x 2 verania verania 4096 sep 23 18:00 dir50
drwxr-xr-x 2 verania verania 4096 sep 23 17:29 dirl1
drwxr-xr-x 2 verania verania 4096 sep 23 17:29 dirl2
drwxr-xr-x 2 verania verania 4096 mar 14  2019 Documentos
drwxr-xr-x 2 verania verania 4096 mar 14  2019 Escritorio
-rw-r--r-- 1 verania verania 8980 mar 14  2019 examples.desktop
-rw-r--r-- 1 verania verania    0 sep 23 17:40 file1.txt
-rw-r--r-- 1 verania verania    0 sep 23 17:40 file2.txt
-rw-r--r-- 1 verania verania   18 sep 23 17:42 hello.txt
drwxr-xr-x 2 verania verania 4096 sep 23 18:35 Imágenes
drwxr-xr-x 2 verania verania 4096 mar 14  2019 Música
drwxr-xr-x 2 verania verania 4096 mar 14  2019 Plantillas
drwxr-xr-x 2 verania verania 4096 mar 14  2019 Público
drwxr-xr-x 2 verania verania 4096 mar 14  2019 Vídeos

real    0m0.007s
user    0m0.001s
sys     0m0.006s
verania@verania-Aspire-A515-51:~$
```

lab 5

```
-utils package is installed.\n\n  Email clients supported at the moment are : Thunderbird, Evolution, Geary, Mailspring. Please ask here to ad
d the client you need. If you report an error, please provide at least the distro & the email client you use.\n\n Includes some code from http
s://extensions.gnome.org/extension/1386/notification-counter/ .", "screenshot": "/extension-data/screenshots/screenshot_1505.png", "creator":
"fthx", "name": "New Mail Indicator", "link": "/extension/1505/new-mail-indicator/", "pk": 1505, "creator_url": "/accounts/profile/fthx", "ico
n": "/extension-data/icons/icon_1505_7qyFpzp.png", "uuid": "new-mail-indicator@fthx"}, {"shell_version_map": {"3.28": {"pk": 8621, "version":
1}, "3.30": {"pk": 8621, "version": 1}}, "description": "This extension makes raising (focusing) one window that is tiled together with a sibl
ing window also raise the sibling window. The effect is that if one of the siblings is focused, neither window will be obscured.\n\nThis resto
res behaviour that was removed in GNOME 3.28\nhttps://bugzilla.gnome.org/show_bug.cgi?id=788644", "screenshot": null, "creator": "tdryer", "n
ame": "Tandem Raise", "link": "/extension/1506/tandem-raise/", "pk": 1506, "creator_url": "/accounts/profile/tdryer", "icon": "/static/images/
plugin.png", "uuid": "tandem-raise@tomdryer.com"}]}
```

```
Coincidencia en el archivo binario ./.cache/gstreamer-1.0/registry.x86_64.bin
verania@verania-Aspire-A515-51:~$ grep -i "LINUX" hello
grep: hello: No existe el archivo o el directorio
verania@verania-Aspire-A515-51:~$ grep -n "linux" hello
grep: hello: No existe el archivo o el directorio
verania@verania-Aspire-A515-51:~$ grep -v "world" hello
grep: hello: No existe el archivo o el directorio
verania@verania-Aspire-A515-51:~$ wc -L hello
wc: hello: No existe el archivo o el directorio
verania@verania-Aspire-A515-51:~$ echo -e "col1 col2 r1\ncol3 col4 r3" >> new.txt
verania@verania-Aspire-A515-51:~$ echo -e "Hello\nlinux\nProgrammers paradise" >> linux.txt
verania@verania-Aspire-A515-51:~$ cut -f1 -d ' ' new.txt
col1
col3
verania@verania-Aspire-A515-51:~$ cut -f3 -d ' ' new.txt
r1
r3
verania@verania-Aspire-A515-51:~$ paste hello new.txt
paste: hello: No existe el archivo o el directorio
verania@verania-Aspire-A515-51:~$ paste -s hello new.txt
paste: hello: No existe el archivo o el directorio
col1 col2 r1    col3 col4 r3
verania@verania-Aspire-A515-51:~$ sort new.txt
col1 col2 r1
col3 col4 r3
verania@verania-Aspire-A515-51:~$ diff hello linux.txt
diff: hello: No existe el archivo o el directorio
verania@verania-Aspire-A515-51:~$
```