



**UNIVERSIDAD
CATÓLICA
DE CÓRDOBA**
JESUITAS

**SISTEMAS OPERATIVOS
TRABAJO PRÁCTICO N°4**

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Ejercicio 1:

```
pwd
/home/vietto
```

Ejercicio 2:

```
ls
Desktop      eclipse      IngSoft3Clone  Pictures      socks-demo
Documents    eclipse-workspace Music          Public        Templates
Downloads    IngSoft3     paginaWebHotel snap          Videos
```

Ejercicio 3:

```
ls ../
lost+found vietto
```

Ejercicio 4:

```
ls /etc
acpi                daxctl.conf.d      gss                 libinput            mkinitcpio.conf     os-release           rhashrc             timeshift-autosnap.conf
adjtime             dbeaver            gssproxy            libnl               mkinitcpio.conf.pacnew ostree                rpc                 timezone
alsa               dbus-1             healthd.conf        libpaper.d          mkinitcpio.d         pacman.conf           rsyncd.conf         tmpfiles.d
anacrontab          default            host.conf           libva.conf          ModemManager         pacman.conf           sane.d              tomcat9
apparmor            depmod.d           hostname            locale.conf         modules-load.d       pacman.d             sddm.conf.d         tpm2-tss
apparmor.d          dhcpcd.conf        hosts              locale.gen          modprobe.d           pacman-mirrors.conf  sddm.conf.d         trusted-key.key
appstream.conf      dnsmasq.conf       hp                 localtime          modules-load.d       pam.d                security            ts.conf
arch-release        docker             idmapd.conf        login.defs          my.cnf               papersize             sensors3.conf       udev
audit               dracut.conf.d      ImageMagick-7       logrotate.conf     my.cnf.d             passwd               services            udisks2
avahi               e2scrub.conf       inotifyd.conf       logrotate.d         nanorc               passw                 shadow              UPower
bash.bash_logout    environment         inxi.conf           lvm                 NetworkManager      pipewire             shado-              usb_modeswitch.conf
bash.bashrc         ethertypes         iproute2            machine-id          nfs.conf             pkcs11               shells              usb_modeswitch.d
bindresport.blacklist exports            iptables            mailcap             nfs.mount.conf       pki                  signond.conf       vconsole.conf
binfmt.d            exports.d           issue               mail.rc             nls.conf             polkit-1             signon-ui           vdpau_wrapper.cfg
bluetooth           flatpak            jack                makepkg.conf        nsswitch.conf        ppp                  skel                vpnc
ca-certificates     fonts              java-jdk            man_db.conf         ntp.conf             printcap             slsh.rc             wgetrc
chromium            foomatic           java-openjdk        manjaro-firefox-developer-edition.ini nsswitch.conf        profile              smartd.conf        wpa_supplicant
cifs-utils          fuse.conf          kernel              manjaro-firefox.ini ntp.conf             protocols            ssh                 x11
conf.d              fwupd              keyutils            manjaro-firefox-kde.ini odbc.ini             pulse               sudo.conf           xdg
cpu-freq-bench.conf gai.conf           krs5.conf           manjaro-release     odbcinst.ini         rc_keymaps           sudoers             xml
cron                gemrc              ld.so.cache         manjaro-thunderbird.ini openldap              rc_maps.cfg          sudo_logsrvd.conf  xinetd.d
cron.daily           geoclue            ld.so.conf          mc                  openmpi              request-key.conf     sysctl.d            zsh
cron.d              group              ld.so.conf.d        mdadm.conf          openpmix             resolv.conf          systemd
cron.deny            grub.d             libao.conf          mime.types           openswap.conf        resolvconf.conf      timeshift
cron.hourly          gshadow            libblockdev         mke2fs.conf         openvpn               resolvconf.conf
cron.monthly         qshadow            libblockdev         mke2fs.conf         openvpn               resolvconf.conf
cron.weekly          qshadow            libblockdev         mke2fs.conf         openvpn               resolvconf.conf
crypttab             qshadow            libblockdev         mke2fs.conf         openvpn               resolvconf.conf
cups                 qshadow            libblockdev         mke2fs.conf         openvpn               resolvconf.conf
cups-helpers         qshadow            libblockdev         mke2fs.conf         openvpn               resolvconf.conf
```

Ejercicio 5:

```
ls -R /etc
```

Otra forma:

```
tree /etc | head -20
/etc
├── acpi
│   ├── events
│   │   ├── anything
│   │   └── handler.sh
├── adjtime
├── alsa
│   └── conf.d
│       ├── 10-rate-lav.conf -> /usr/share/alsa/alsa.conf.d/10-rate-lav.conf
│       ├── 10-samplerate.conf -> /usr/share/alsa/alsa.conf.d/10-samplerate.conf
│       ├── 10-speexrate.conf -> /usr/share/alsa/alsa.conf.d/10-speexrate.conf
│       ├── 50-arcam-av-ctl.conf -> /usr/share/alsa/alsa.conf.d/50-arcam-av-ctl.conf
│       ├── 50-jack.conf -> /usr/share/alsa/alsa.conf.d/50-jack.conf
│       ├── 50-oss.conf -> /usr/share/alsa/alsa.conf.d/50-oss.conf
│       ├── 50-pipewire.conf -> /usr/share/alsa/alsa.conf.d/50-pipewire.conf
│       ├── 50-pulseaudio.conf -> /usr/share/alsa/alsa.conf.d/50-pulseaudio.conf
│       ├── 60-a52-encoder.conf -> /usr/share/alsa/alsa.conf.d/60-a52-encoder.conf
│       ├── 60-speex.conf -> /usr/share/alsa/alsa.conf.d/60-speex.conf
│       ├── 60-upmix.conf -> /usr/share/alsa/alsa.conf.d/60-upmix.conf
│       └── 60-vdownmix.conf -> /usr/share/alsa/alsa.conf.d/60-vdownmix.conf
```

Ejercicio 6:

```
ls /etc -lsh --sort=size -r
total 1,6M
-rw-r--r-- 1 root root 0 may 11 15:32 odbcinst.ini
-rw-r--r-- 1 root root 0 may 11 15:32 odbc.ini
-rw-r--r-- 1 root root 10 may 13 11:32 hostname
-rw-r--r-- 1 root root 14 jun 9 04:53 manjaro-release
lrwxrwxrwx 1 root root 15 jun 9 04:53 arch-release -> manjaro-release
lrwxrwxrwx 1 root root 19 jun 9 04:53 mtab -> ../proc/self/mounts
lrwxrwxrwx 1 root root 21 mar 14 06:31 os-release -> ../usr/lib/os-release
-rw-r--r-- 1 root root 23 mar 14 06:32 mhw-d-x86_64.conf
-rw-r--r-- 1 root root 24 jun 30 12:14 libva.conf
-rw-r--r-- 1 root root 26 may 13 11:31 timezone
-rw-r--r-- 1 root root 28 ene 8 2022 bash.bash_logout
-rw-r--r-- 1 root root 30 jun 9 04:53 issue
-rw-r--r-- 1 root root 33 may 13 11:31 vconsole.conf
-rw-r--r-- 1 root root 33 may 13 11:31 machine-id
-rw-r--r-- 1 root root 38 sep 3 2020 libao.conf
-rw-r--r-- 1 root root 44 may 13 11:32 adjtime
lrwxrwxrwx 1 root root 45 may 13 11:31 localtime -> /usr/share/zoneinfo/America/Argentina/Cordoba
-rw-r--r-- 1 root root 51 mar 12 18:37 vdpau_wrapper.cfg
-rw-r--r-- 1 root root 68 may 21 16:22 papersize
-rw-r--r-- 1 root root 73 jun 9 04:53 host.conf
-rw-r--r-- 1 root root 74 abr 25 09:53 cron.deny
-rw-r--r-- 1 root root 79 ago 3 11:07 ostree-mkinitcpio.conf
-rw-r--r-- 1 root root 94 sep 6 14:04 resolv.conf
-rw-r--r-- 1 root root 97 sep 8 2021 environment
-rw-r--r-- 1 root root 105 ago 15 02:35 lsb-release
-rw-r--r-- 1 root root 117 jun 9 04:53 ld.so.conf
-rw-r--r-- 1 root root 124 mar 14 06:39 shells
-rw-r--r-- 1 root root 135 may 13 11:49 printcap
-rw-r--r-- 1 root root 139 jun 9 04:53 securetty
-rw-r--r-- 1 root root 154 may 22 12:38 manjaro-thunderbird.ini
-rw-r--r-- 1 root root 157 may 13 11:32 hosts
-rw-r--r-- 1 root root 172 ago 9 17:04 rsyncd.conf
-rw-r--r-- 1 root root 175 ago 7 06:12 cpufreq-bench.conf
-rw-r--r-- 1 root root 191 abr 21 07:34 libaudit.conf
-rw-r--r-- 1 root root 193 may 24 10:59 my.cnf
-rw-r--r-- 1 root root 208 ago 23 11:24 inxi.conf
-rw-r--r-- 1 root root 230 may 13 11:31 locale.conf
-rw-r--r-- 1 root root 255 dic 29 2020 resolvconf.conf
-rw-r--r-- 1 root root 266 jun 10 13:14 gemrc
-rw-r--r-- 1 root root 272 may 4 2021 mailcap
-rw-r--r-- 1 root root 369 jun 6 16:09 krb5.conf
```

Ejercicio 7:

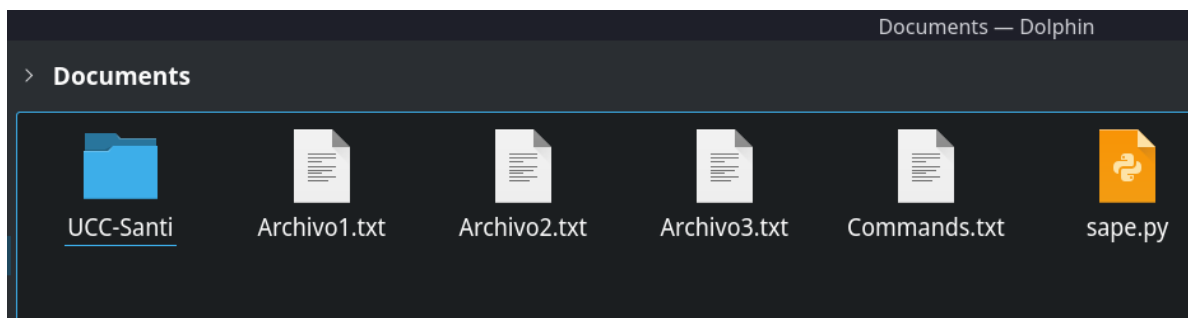
```
mkdir my_user
cd my_user

~/my_user mkdir Universidad
~/my_user cd Universidad
~/my_user/Universidad mkdir 1er
~/my_user/Universidad cd 1er
~/my_user/Universidad/1er mkdir Mar-11
~/my_user/Universidad/1er mkdir Mat-12
~/my_user/Universidad/1er cd ..
~/my_user/Universidad mkdir 2do
~/my_user/Universidad cd 2do
~/my_user/Universidad/2do mkdir Mat-21
~/my_user/Universidad/2do mkdir Mat-22
~/my_user/Universidad/2do cd ..
~/my_user/Universidad mkdir 3er
~/my_user/Universidad cd 3er
~/my_user/Universidad/3er mkdir Mat-31
~/my_user/Universidad/3er mkdir Mat-32
~/my_user/Universidad/3er cd ..
~/my_user/Universidad cd ..
~/my_user mkdir Laboral
~/my_user cd Laboral
~/my_user/Laboral mkdir Empresa
~/my_user/Laboral mkdir Proyectos
~/my_user/Laboral cd ..
~/my_user mkdir Personal
~/my_user cd Personal
~/my_user/Personal mkdir Familia
~/my_user/Personal mkdir Info
~/my_user/Personal cd ..
~/my_user mkdir Varios
```

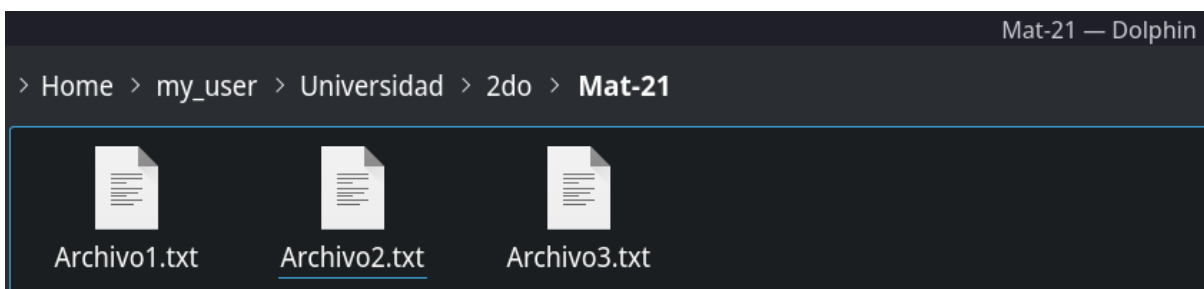
```
~ / my_user tree .
├── Laboral
│   ├── Empresa
│   └── Proyectos
├── Personal
│   ├── Familia
│   └── Info
├── Universidad
│   ├── 1er
│   │   ├── Mar-11
│   │   └── Mat-12
│   ├── 2do
│   │   ├── Mat-21
│   │   └── Mat-22
│   └── 3er
│       ├── Mat-31
│       └── Mat-32
└── Varios

17 directories, 0 files
```

Ejercicio 8:



```
~ Documents cp Documents/Archivo1.txt my_user/Universidad/2do/Mat-21/
~ Documents cp Documents/Archivo2.txt my_user/Universidad/2do/Mat-21/
~ Documents cp Documents/Archivo3.txt my_user/Universidad/2do/Mat-21/
```



Ejercicio 9:

```
~ my_user/Universidad/2do/Mat-21 mv my_user/Universidad/2do/Mat-21/Archivo1.txt my_user/Universidad/2do/Mat-22/
```

