

Nombre: Jose Manuel Monteagudo Sanchez

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Ejercicios Linux Básicos

1.

>_ Ubuntu PC ▾

```
sysadmin@localhost:~$ cd
sysadmin@localhost:~$ pwd
/home/sysadmin
sysadmin@localhost:~$ whoami
sysadmin
sysadmin@localhost:~$ █
```

2.

>_ Ubuntu PC ▾

```
sysadmin@localhost:~$ mkdir -p ejercicios/{ingresos/{alquiler,ventas},gastos}
sysadmin@localhost:~$ ls
Desktop  Downloads  Pictures  Templates  ejercicios
Documents Music      Public    Videos
sysadmin@localhost:~$ cd ejercicios
sysadmin@localhost:~/ejercicios$ ls
gastos ingresos
sysadmin@localhost:~/ejercicios$ cd ingresos
sysadmin@localhost:~/ejercicios/ingresos$ ls
alquiler ventas
sysadmin@localhost:~/ejercicios/ingresos$
```

3.

>_ Ubuntu PC

```
sysadmin@localhost:~$ mkdir -p ejercicios/{ingresos/{alquiler,ventas},gastos}
sysadmin@localhost:~$ cd gastos
-bash: cd: gastos: No such file or directory
sysadmin@localhost:~$ ls
Desktop  Downloads  Pictures  Templates  ejercicios
Documents Music      Public    Videos
sysadmin@localhost:~$ cd ejercicios
sysadmin@localhost:~/ejercicios$ cd gastos
sysadmin@localhost:~/ejercicios/gastos$ ls
sysadmin@localhost:~/ejercicios/gastos$ touch emple1.txt emple2.txt
sysadmin@localhost:~/ejercicios/gastos$ ls
emple1.txt  emple2.txt
sysadmin@localhost:~/ejercicios/gastos$ cat > emple3.txt
Hola, esto e
un text
dentro del fichero emple3
sysadmin@localhost:~/ejercicios/gastos$
```

4.

>_ Ubuntu PC

```
sysadmin@localhost:~/ejercicios/gastos$ ls
emple1.txt  emple2.txt  emple3.txt
sysadmin@localhost:~/ejercicios/gastos$ cp *.txt ./ ../ingresos/ventas
cp: omitting directory `./'
sysadmin@localhost:~/ejercicios/gastos$ ls
emple1.txt  emple2.txt  emple3.txt
sysadmin@localhost:~/ejercicios/gastos$ cd ..
sysadmin@localhost:~/ejercicios$ ls
gastos  ingresos
sysadmin@localhost:~/ejercicios$ cd gastos
sysadmin@localhost:~/ejercicios/gastos$ ls
emple1.txt  emple2.txt  emple3.txt
sysadmin@localhost:~/ejercicios/gastos$ cd ..
sysadmin@localhost:~/ejercicios$ cd ingresos
sysadmin@localhost:~/ejercicios/ingresos$ ls
alquiler  ventas
sysadmin@localhost:~/ejercicios/ingresos$ cd ventas
sysadmin@localhost:~/ejercicios/ingresos/ventas$ ls
emple1.txt  emple2.txt  emple3.txt
sysadmin@localhost:~/ejercicios/ingresos/ventas$
```

5.

>_ Ubuntu PC

```

applicable law.

sysadmin@localhost:~$ cd
sysadmin@localhost:~/ejercicios/ingresos/ventas$ cd /
sysadmin@localhost:/$ ls -l
total 84
drwxr-xr-x 1 root root 4096 Mar 14 2016 bin
drwxr-xr-x 2 root root 4096 Apr 19 2012 boot
drwxr-xr-x 5 root root 380 Feb 11 08:47 dev
drwxr-xr-x 1 root root 4096 Feb 11 08:46 etc
drwxr-xr-x 1 root root 4096 Mar 14 2016 home
-rwxr-xr-x 1 root root 226 Mar 14 2016 init
drwxr-xr-x 1 root root 4096 Mar 14 2016 lib
drwxr-xr-x 2 root root 4096 Mar 3 2016 lib64
drwxr-xr-x 2 root root 4096 Mar 3 2016 media
drwxr-xr-x 2 root root 4096 Apr 19 2012 mnt
drwxr-xr-x 2 root root 4096 Mar 3 2016 opt
dr-xr-xr-x 179 root root 0 Feb 11 08:46 proc
drwx----- 1 root root 4096 Mar 14 2016 root
drwxr-xr-x 1 root root 4096 Feb 11 08:47 run
drwxr-xr-x 1 root root 4096 Mar 14 2016 sbin
lrwxrwxrwx 1 root root 9 Mar 14 2016 sbin??? -> /bin/bash
drwxr-xr-x 2 root root 4096 Mar 5 2012 selinux
drwxr-xr-x 2 root root 4096 Mar 3 2016 srv

```

6.

>_ Ubuntu PC

```

drwxr-xr-x 5 root root 380 Feb 11 08:47 dev
drwxr-xr-x 1 root root 4096 Feb 11 08:46 etc
drwxr-xr-x 1 root root 4096 Mar 14 2016 home
-rwxr-xr-x 1 root root 226 Mar 14 2016 init
drwxr-xr-x 1 root root 4096 Mar 14 2016 lib
drwxr-xr-x 2 root root 4096 Mar 3 2016 lib64
drwxr-xr-x 2 root root 4096 Mar 3 2016 media
drwxr-xr-x 2 root root 4096 Apr 19 2012 mnt
drwxr-xr-x 2 root root 4096 Mar 3 2016 opt
dr-xr-xr-x 179 root root 0 Feb 11 08:46 proc
drwx----- 1 root root 4096 Mar 14 2016 root
drwxr-xr-x 1 root root 4096 Feb 11 08:47 run
drwxr-xr-x 1 root root 4096 Mar 14 2016 sbin
lrwxrwxrwx 1 root root 9 Mar 14 2016 sbin??? -> /bin/bash
drwxr-xr-x 2 root root 4096 Mar 5 2012 selinux
drwxr-xr-x 2 root root 4096 Mar 3 2016 srv
dr-xr-xr-x 13 root root 0 Dec 14 02:17 sys
drwxrwxrwt 1 root root 4096 Mar 14 2016 tmp
drwxr-xr-x 1 root root 4096 Mar 14 2016 usr
drwxr-xr-x 1 root root 4096 Mar 14 2016 var
sysadmin@localhost:/$ cd -
/home/sysadmin/ejercicios/ingresos/ventas
sysadmin@localhost:~/ejercicios/ingresos/ventas$ cd ../alquiler
sysadmin@localhost:~/ejercicios/ingresos/alquiler$

```

7.

```
>_ Ubuntu PC ▾  
  
sysadmin@localhost:~$ cp -r ejercicios ejercicioscopia && rmdir --ignore-fail-on  
-non-empty ejercicioscopia && echo "Copia realizada"  
"Copia realizada"  
sysadmin@localhost:~$
```

8.

```
>_ Ubuntu PC ▾  
  
sysadmin@localhost:~$ mv ejercicioscopia copianueva  
sysadmin@localhost:~$ ls  
Desktop  Downloads  Pictures  Templates  copianueva  
Documents Music      Public    Videos     ejercicios  
sysadmin@localhost:~$
```

9.

>_ Ubuntu PC

```
sysadmin@localhost:~$ man -k password
chage (1)           - change user password expiry information
chgpaswd (8)        - update group passwords in batch mode
chpaswd (8)         - update passwords in batch mode
cpgr (8)            - copy with locking the given file to the password or gr...
cppw (8)            - copy with locking the given file to the password or gr...
expiry (1)          - check and enforce password expiration policy
login.defs (5)      - shadow password suite configuration
pam_pwhistory (8)    - PAM module to remember last passwords
pam_unix (8)        - Module for traditional password authentication
passwd (1)          - change user password
passwd (1ssl)       - compute password hashes
passwd (5)          - the password file
pwck (8)            - verify integrity of password files
pwconv (8)          - convert to and from shadow passwords and groups
shadow (5)          - shadowed password file
shadowconfig (8)    - toggle shadow passwords on and off
unix_chkpwd (8)     - Helper binary that verifies the password of the curren...
unix_update (8)     - Helper binary that updates the password of a given user
vipw (8)            - edit the password, group, shadow-password or shadow-gr...
sysadmin@localhost:~$
```

Con `man -h` salen las opciones