1. Escribir **en la terminal** el comando **df**, tomar **print de pantalla**. **Pegar** print en el documento.

```
# df
Filesystem     1K-blocks    Used Available Use% Mounted on
udev             227260       0    227260   0% /dev
tmpfs             49480    2140     47340   5% /run
/dev/sda1      20510288 4986808  14458572  26% /
tmpfs            247388       0    247388   0% /dev/shm
tmpfs              5120       0      5120   0% /run/lock
tmpfs            247388       0    247388   0% /sys/fs/cgroup
tmpfs             49476      28     49448   1% /run/user/118
tmpfs             49476       0     49476   0% /run/user/1000
```

2. Escribir **en la terminal** el comando **top**, tomar **print de pantalla**. **Pegar** print en el documento de Google o Word.

top - 00:41:42 up 1 min, 1 user, load average: 0.06, 0.05, 0.01

Tasks: 118 total,   1 running, 117 sleeping,   0 stopped,   0 zombie

%Cpu(s): 0.0 us, 0.0 sy, 0.0 ni,100.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st

MiB Mem :   483.2 total,   8.4 free,   308.2 used,   166.6 buff/cache

MiB Swap: 0.0 total,   0.0 free,   0.0 used.   160.7 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1	root	20	0	169536	8820	6512	S	0.0	1.8	0:01.14	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par_gp
5	root	20	0	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0-cgroup_destroy
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0H-kblockd
7	root	20	0	0	0	0	I	0.0	0.0	0:00.00	kworker/u4:0-flush-8:0
8	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
9	root	20	0	0	0	0	S	0.0	0.0	0:00.01	ksoftirqd/0
10	root	20	0	0	0	0	I	0.0	0.0	0:00.03	rcu_sched

3. Escribir **en la terminal** el comando **apt-get upgrade**. **Pegar** print en el documento de Google o Word.

```
# apt-get upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages will be upgraded:
  linux-image-4.19.0-17-amd64
1 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 48.4 MB of archives.
After this operation, 4096 B disk space will be freed.
Do you want to continue? [Y/n] Y
Get:1 http://deb.debian.org/debian buster-updates/main amd64
linux-image-4.19.0-17-amd64 amd64 4.19.194-2 [48.4 MB]
Fetched 48.4 MB in 1s (33.5 MB/s)
apt-listchanges: Can't set locale; make sure $LC_* and $LANG are correct!
Reading changelogs... Done
(Reading database ... 134788 files and directories currently installed.)
Preparing to unpack .../linux-image-4.19.0-17-amd64_4.19.194-2_amd64.deb ...
Unpacking linux-image-4.19.0-17-amd64 (4.19.194-2) over (4.19.194-1) ...
Setting up linux-image-4.19.0-17-amd64 (4.19.194-2) ...
/etc/kernel/postinst.d/initramfs-tools:
update-initramfs: Generating /boot/initrd.img-4.19.0-17-amd64
/bin/bash: warning: setlocale: LC_ALL: cannot change locale (en_US.UTF-8)
/etc/kernel/postinst.d/zz-update-grub:
```

Generating grub configuration file ...

Found background image: /usr/share/images/desktop-base/desktop-grub.png

Found linux image: /boot/vmlinuz-4.19.0-17-amd64

Found initrd image: /boot/initrd.img-4.19.0-17-amd64

Found linux image: /boot/vmlinuz-4.19.0-16-amd64

Found initrd image: /boot/initrd.img-4.19.0-16-amd64

done

4. Escribir **en la terminal** el comando **apt-get install cowsay**. **Escribir en la terminal** el comando **cowsay " Hola mundo "**. **Pegar** print en el documento de Google o Word.

```
# cowsay "Hola mundo"
 _____________
< Hola mundo >
 -------------
      \   ^__^
       \  (oo)\_______
          (__)\       )\/\
              ||----w |
              ||     ||
```

5. En base a los print de **y comandos, redactar** con sus palabras qué es lo que ven y cuáles son las **funciones** de estos comandos usados.

Df: imprime en pantalla el estado de cada uno de los mountpoints y sus inodos, espacio libre.

Top: Imprime en pantalla los procesos corriendo en linux, memoria utilizada, cpu.