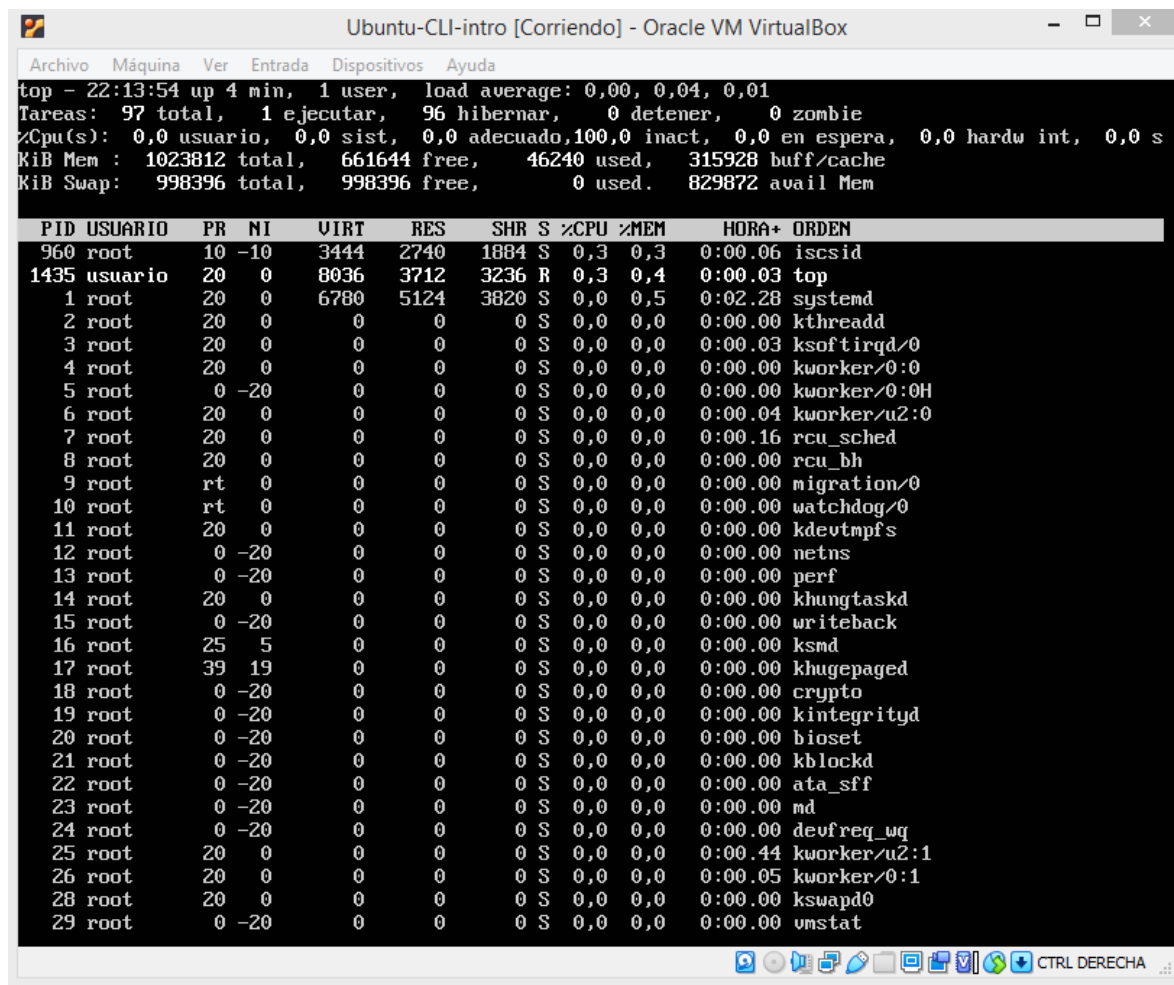


Escribir en la terminal el comando df, tomar print de pantalla.

```
usuario@ubuntu-intro:~$ df
S.ficheros    bloques de 1K  Usados Disponibles Uso% Montado en
udev          492348      0      492348  0% /dev
tmpfs         102384     3212      99172   4% /run
/dev/sda1     9204224 1412136   7301492  17% /
tmpfs         511904      0      511904  0% /dev/shm
tmpfs         5120       0       5120   0% /run/lock
tmpfs         511904      0      511904  0% /sys/fs/cgroup
tmpfs         102384      0      102384  0% /run/user/1000
usuario@ubuntu-intro:~$
```

Escribir en la terminal el comando top, tomar print de pantalla.

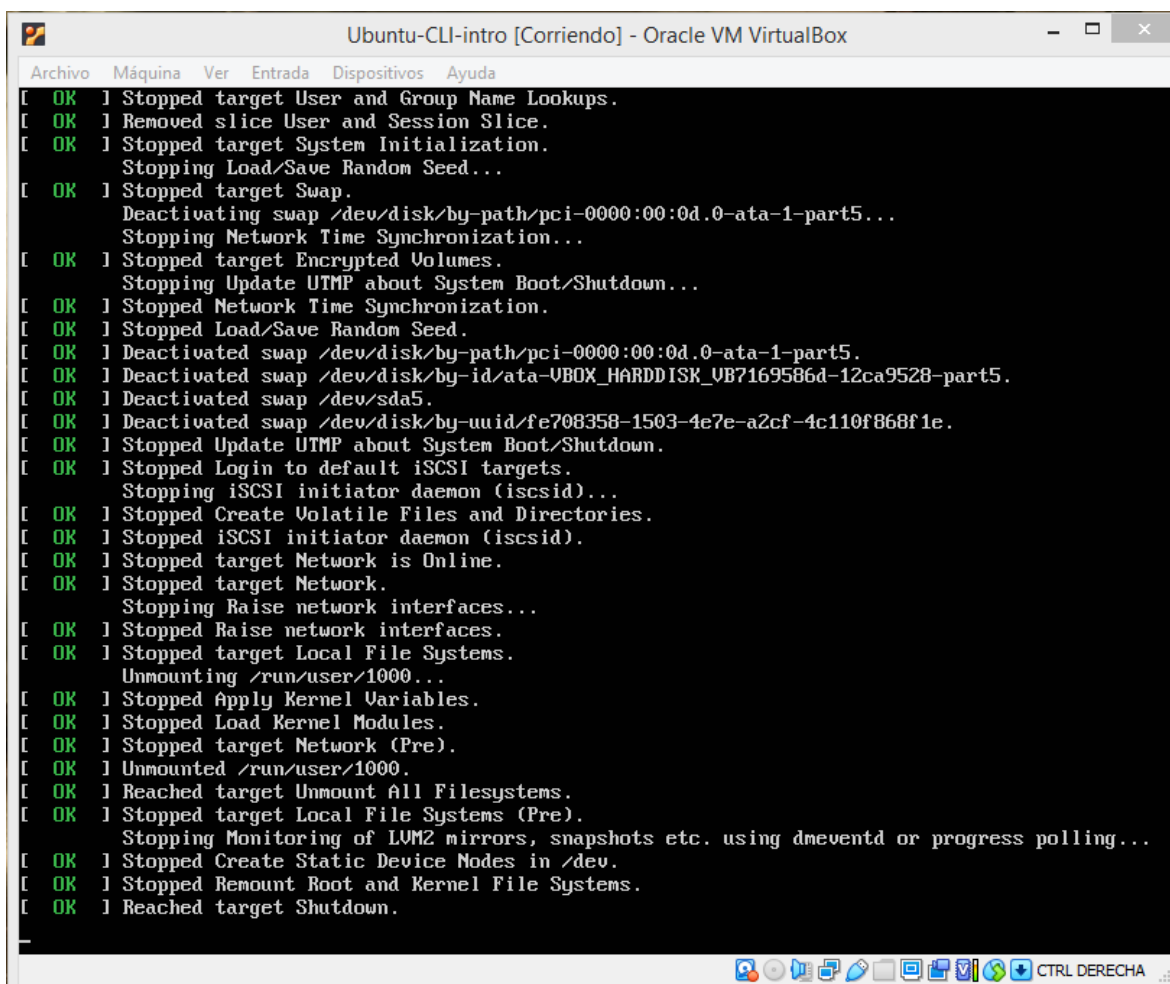


The screenshot shows a terminal window titled "Ubuntu-CLI-intro [Corriendo] - Oracle VM VirtualBox". The terminal displays the output of the 'top' command, which provides a real-time view of system processes. The output includes system statistics such as load average, tasks, CPU usage, and memory usage. Below this, a table lists the running processes with columns for PID, USER, PR, NI, VIRT, RES, SHR, S, %CPU, %MEM, HORA+, and ORDEN. The processes listed include iscsid, top, systemd, kthreadd, ksoftirqd, kworker, rcu_sched, rcu_bh, migration, watchdog, kdevtmpfs, netns, perf, khungtaskd, writeback, ksmd, khugepaged, crypto, kintegrityd, bioset, kblockd, ata_sff, md, devfreq_wq, and vmstat.

```
top - 22:13:54 up 4 min, 1 user, load average: 0.00, 0.04, 0.01
Tareas: 97 total, 1 ejecutar, 96 hibernar, 0 detener, 0 zombie
%Cpu(s): 0.0 usuario, 0.0 sist, 0.0 adecuado, 100.0 inact, 0.0 en espera, 0.0 hardw int, 0.0 s
KiB Mem : 1023812 total, 661644 free, 46240 used, 315928 buff/cache
KiB Swap: 998396 total, 998396 free, 0 used, 829872 avail Mem

  PID  USUARIO  PR  NI  VIRT  RES  SHR  S  %CPU  %MEM  HORA+  ORDEN
  960  root      10 -10  3444  2740 1884 S   0.3   0.3  0:00.06  iscsid
 1435  usuario   20  0   8036  3712 3236 R   0.3   0.4  0:00.03  top
    1  root      20  0   6780  5124 3820 S   0.0   0.5  0:02.28  systemd
    2  root      20  0      0      0    0 S   0.0   0.0  0:00.00  kthreadd
    3  root      20  0      0      0    0 S   0.0   0.0  0:00.03  ksoftirqd/0
    4  root      20  0      0      0    0 S   0.0   0.0  0:00.00  kworker/0:0
    5  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  kworker/0:0H
    6  root      20  0      0      0    0 S   0.0   0.0  0:00.04  kworker/u2:0
    7  root      20  0      0      0    0 S   0.0   0.0  0:00.16  rcu_sched
    8  root      20  0      0      0    0 S   0.0   0.0  0:00.00  rcu_bh
    9  root      rt  0      0      0    0 S   0.0   0.0  0:00.00  migration/0
   10  root      rt  0      0      0    0 S   0.0   0.0  0:00.00  watchdog/0
   11  root      20  0      0      0    0 S   0.0   0.0  0:00.00  kdevtmpfs
   12  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  netns
   13  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  perf
   14  root      20  0      0      0    0 S   0.0   0.0  0:00.00  khungtaskd
   15  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  writeback
   16  root      25  5      0      0    0 S   0.0   0.0  0:00.00  ksmd
   17  root      39 19      0      0    0 S   0.0   0.0  0:00.00  khugepaged
   18  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  crypto
   19  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  kintegrityd
   20  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  bioset
   21  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  kblockd
   22  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  ata_sff
   23  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  md
   24  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  devfreq_wq
   25  root      20  0      0      0    0 S   0.0   0.0  0:00.44  kworker/u2:1
   26  root      20  0      0      0    0 S   0.0   0.0  0:00.05  kworker/0:1
   28  root      20  0      0      0    0 S   0.0   0.0  0:00.00  kswapd0
   29  root      0 -20      0      0    0 S   0.0   0.0  0:00.00  vmstat
```

Apagar la máquina virtual con el comando poweroff.



```
Ubuntu-CLI-intro [Corriendo] - Oracle VM VirtualBox
[ OK ] Stopped target User and Group Name Lookups.
[ OK ] Removed slice User and Session Slice.
[ OK ] Stopped target System Initialization.
      Stopping Load/Save Random Seed...
[ OK ] Stopped target Swap.
      Deactivating swap /dev/disk/by-path/pci-0000:00:0d.0-ata-1-part5...
      Stopping Network Time Synchronization...
[ OK ] Stopped target Encrypted Volumes.
      Stopping Update UTMP about System Boot/Shutdown...
[ OK ] Stopped Network Time Synchronization.
[ OK ] Stopped Load/Save Random Seed.
[ OK ] Deactivated swap /dev/disk/by-path/pci-0000:00:0d.0-ata-1-part5.
[ OK ] Deactivated swap /dev/disk/by-id/ata-VBOX_HARDDISK_VB7169586d-12ca9528-part5.
[ OK ] Deactivated swap /dev/sda5.
[ OK ] Deactivated swap /dev/disk/by-uuid/fe708358-1503-4e7e-a2cf-4c110f868f1e.
[ OK ] Stopped Update UTMP about System Boot/Shutdown.
[ OK ] Stopped Login to default iSCSI targets.
      Stopping iSCSI initiator daemon (iscsid)...
[ OK ] Stopped Create Volatile Files and Directories.
[ OK ] Stopped iSCSI initiator daemon (iscsid).
[ OK ] Stopped target Network is Online.
[ OK ] Stopped target Network.
      Stopping Raise network interfaces...
[ OK ] Stopped Raise network interfaces.
[ OK ] Stopped target Local File Systems.
      Unmounting /run/user/1000...
[ OK ] Stopped Apply Kernel Variables.
[ OK ] Stopped Load Kernel Modules.
[ OK ] Stopped target Network (Pre).
[ OK ] Unmounted /run/user/1000.
[ OK ] Reached target Unmount All Filesystems.
[ OK ] Stopped target Local File Systems (Pre).
      Stopping Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling...
[ OK ] Stopped Create Static Device Nodes in /dev.
[ OK ] Stopped Remount Root and Kernel File Systems.
[ OK ] Reached target Shutdown.
```

Por lo que pude entender con el comando “df” se muestra el espacio del disco, y comparando con el SO Windows, es más complicado lograr entender cuanto espacio hay disponible.

Por lo que vi con el comando “top” mostro en vivo el uso de los recursos de la pc, y los distintos procesos y tareas que están en el momento, en el SO Windows vendría a ser el administrador de tareas y es más sencilla la lectura.

El comando “poweroff” es básicamente para apagar la maquina (virtual), en el SO Windows se accede de manera gráfica, pero ninguno de los 2 presenta dificultad