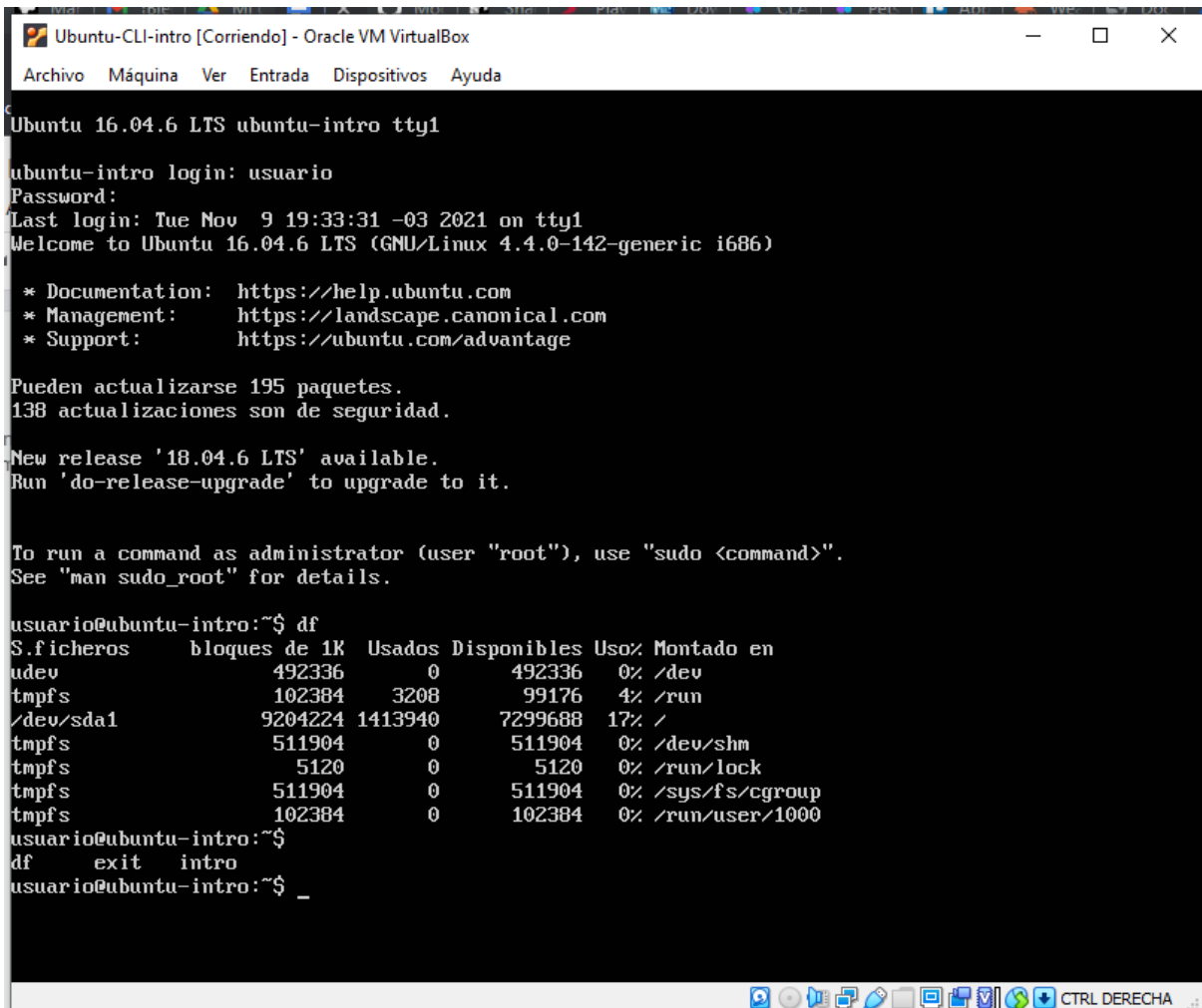


Clase 10- Terminal de Ubuntu

1-a) Escribir el comando df



The screenshot shows a terminal window titled "Ubuntu-CLI-intro [Corriendo] - Oracle VM VirtualBox". The terminal displays the Ubuntu login process for user "usuario" on "tty1". It shows the last login time, a welcome message, and links for documentation, management, and support. It also informs about available updates and the next LTS release. Finally, it shows the output of the "df" command, which lists disk usage for various filesystems.

```
Ubuntu 16.04.6 LTS ubuntu-intro tty1
ubuntu-intro login: usuario
Password:
Last login: Tue Nov  9 19:33:31 -03 2021 on tty1
Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.4.0-142-generic i686)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

Pueden actualizarse 195 paquetes.
138 actualizaciones son de seguridad.

New release '18.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

usuario@ubuntu-intro:~$ df
S.ficheros      bloques de 1K  Usados Disponibles Uso% Montado en
udev            492336        0    492336   0% /dev
tmpfs           102384    3208    99176   4% /run
/dev/sda1       9204224 1413940  7299688  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:~$
df      exit      intro
usuario@ubuntu-intro:~$ _
```

1-b) Escribir el comando top

```
Ubuntu-CLI-intro [Corriendo] - Oracle VM VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda

top - 23:05:42 up 1:41, 1 user, load average: 0.00, 0.00, 0.00
Tareas: 90 total, 1 ejecutar, 89 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, 870660 free, 43264 used, 109000 buff/cache
KiB Swap: 998396 total, 998396 free, 0 used, 844264 avail Mem

  PID USUARIO PR NI VIRT RES SHR S %CPU %MEM    TIME+  ORDEN
1141 usuario 20 0 8036 3532 3068 R 0.3 0.3 0:00.12 top
1 root 20 0 6724 4952 3644 S 0.0 0.5 0:01.63 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 0:00.02 ksoftirqd/0
5 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 kworker/0:0H
7 root 20 0 0 0 0 S 0.0 0.0 0:00.34 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 S 0.0 0.0 0:00.00 migration/0
10 root rt 0 0 0 S 0.0 0.0 0:00.07 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 metns
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 ksd
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 0:00.88 kworker/u2:1
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
30 root 20 0 0 0 0 S 0.0 0.0 0:00.00 fsnotify_mark
31 root 20 0 0 0 0 S 0.0 0.0 0:00.00 ecryptfs-kthrea
47 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 kthrotld
48 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 acpi_thermal_pm
```

2- Análisis y comparación:

El comando df me muestra los recursos de memoria que me están consumiendo los programas y aplicaciones en uso.

El comando top muestra los procesos en ejecución en tiempo real.

Ambas funcionan como el administrador de tareas en windows.