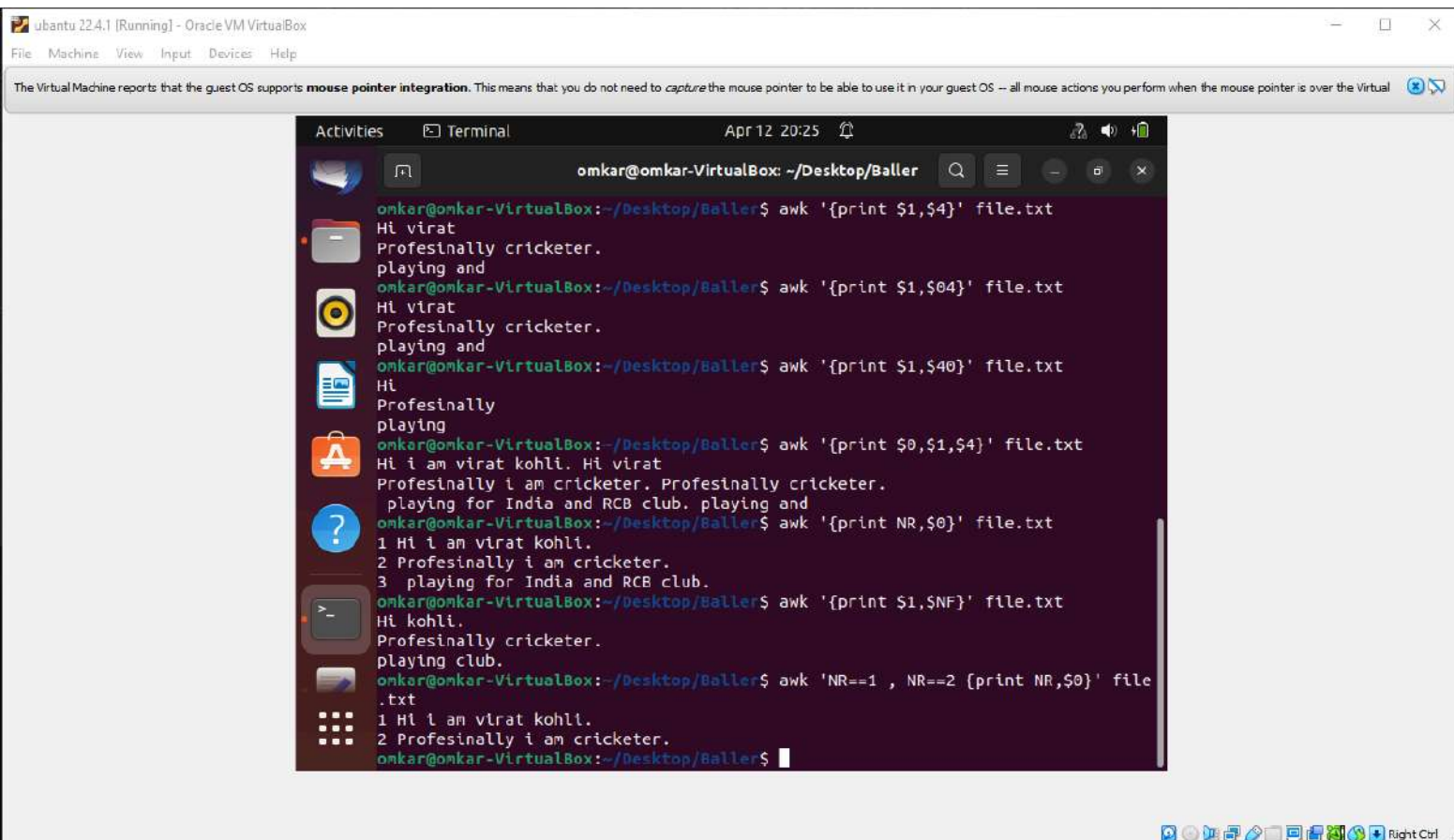


```
Activities Terminal Apr 12 20:04 omkar@omkar-VirtualBox: ~/Desktop/Baller

Profesinally i am cricketer.
playing for India and RCB club.
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '{print}' file.txt
Hi i am virat kohli.
Profesinally i am cricketer.
playing for India and RCB club.
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '/virat/{print}' file.txt
Hi i am virat kohli.
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk 'am{print}' file.txt
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk 'am {print}' file.txt
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '/am/{print}' file.txt
Hi i am virat kohli.
Profesinally i am cricketer.
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '/am{print}' file.txt
awk: line 1: runaway regular expression /am{print} ...
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '/am/{print}' file.txt
Hi i am virat kohli.
Profesinally i am cricketer.
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '{print $1,$2}' file.txt
awk: 1: unexpected character '.'
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '{print $1,$2}' file.txt
Hi i
Profesinally i
playing for
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '{print $1,$4}' file.txt
Hi virat
Profesinally cricketer.
playing and
omkar@omkar-VirtualBox:~/Desktop/Baller$ awk '{print $1,$04}' file.txt
```



```
Activities Terminal Apr 17 13:08 omkar@omkar-VirtualBox: ~  
omkar@omkar-VirtualBox:~$ sudo apt --version  
apt 2.4.6 (amd64)  
omkar@omkar-VirtualBox:~$ sudo apt-get clean  
omkar@omkar-VirtualBox:~$ sudo apt-get autoclean  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
omkar@omkar-VirtualBox:~$ apt-get --help  
apt 2.4.6 (amd64)  
Usage: apt-get [options] command  
       apt-get [options] install|remove pkg1 [pkg2 ...]  
       apt-get [options] source pkg1 [pkg2 ...]  
  
apt-get is a command line interface for retrieval of packages  
and information about them from authenticated sources and  
for installation, upgrade and removal of packages together  
with their dependencies.  
  
Most used commands:  
update - Retrieve new lists of packages  
upgrade - Perform an upgrade  
install - Install new packages (pkg is libc6 not libc6.deb)  
reinstall - Reinstall packages (pkg is libc6 not libc6.deb)  
remove - Remove packages  
purge - Remove packages and config files  
autoremove - Remove automatically all unused packages  
dist-upgrade - Distribution upgrade, see apt-get(8)  
dselect-upgrade - Follow dselect selections  
build-dep - Configure build-dependencies for source packages
```

```
Activities Terminal Apr 17 13:14 omkar@omkar-VirtualBox: ~/Desktop/Batsman

omkar@omkar-VirtualBox:~/Desktop/Batsman$ tar cvf archive.tar Bat.txt
Bat.txt
omkar@omkar-VirtualBox:~/Desktop/Batsman$ ls
archive.tar Bat.txt file1.txt file.txt left
omkar@omkar-VirtualBox:~/Desktop/Batsman$ ls -ltr
total 28
drwxrwxr-x 2 onkar onkar 4096 Apr 13 12:30 left
-rw-rw-r-- 1 onkar onkar 21 Apr 13 12:47 file1.txt
-rwxrwxrwx 1 onkar onkar 15 Apr 13 13:00 file.txt
-rw-rw-r-- 1 onkar onkar 15 Apr 14 10:11 Bat.txt
-rw-rw-r-- 1 onkar onkar 10240 Apr 17 13:11 archive.tar
omkar@omkar-VirtualBox:~/Desktop/Batsman$ gzip archive.tar
omkar@omkar-VirtualBox:~/Desktop/Batsman$ ls -ltr
total 20
drwxrwxr-x 2 onkar onkar 4096 Apr 13 12:30 left
-rw-rw-r-- 1 onkar onkar 21 Apr 13 12:47 file1.txt
-rwxrwxrwx 1 onkar onkar 15 Apr 13 13:00 file.txt
-rw-rw-r-- 1 onkar onkar 15 Apr 14 10:11 Bat.txt
-rw-rw-r-- 1 onkar onkar 150 Apr 17 13:11 archive.tar.gz
omkar@omkar-VirtualBox:~/Desktop/Batsman$ ls -lh
total 20K
-rw-rw-r-- 1 onkar onkar 150 Apr 17 13:11 archive.tar.gz
-rw-rw-r-- 1 onkar onkar 15 Apr 14 10:11 Bat.txt
-rw-rw-r-- 1 onkar onkar 21 Apr 13 12:47 file1.txt
-rwxrwxrwx 1 onkar onkar 15 Apr 13 13:00 file.txt
drwxrwxr-x 2 onkar onkar 4.0K Apr 13 12:30 left
omkar@omkar-VirtualBox:~/Desktop/Batsman$ rm archive.tar.gz
rm: cannot remove 'archive.tar.gz': No such file or directory
omkar@omkar-VirtualBox:~/Desktop/Batsman$
```

```
Activities Terminal Apr 17 13:17 omkar@omkar-VirtualBox: ~/Desktop/Batsman

omkar@omkar-VirtualBox:~/Desktop/Batsman$ gzip demo
omkar@omkar-VirtualBox:~/Desktop/Batsman$ l
archive.tar.gz Bat.txt demo.gz file1.txt file.txt* left/
omkar@omkar-VirtualBox:~/Desktop/Batsman$ gunzip demo
omkar@omkar-VirtualBox:~/Desktop/Batsman$ ls
archive.tar.gz Bat.txt demo file1.txt file.txt left
omkar@omkar-VirtualBox:~/Desktop/Batsman$
```



```
Activities Terminal Apr 17 13:30
omkar@omkar-VirtualBox: ~/Desktop/Batsman/right
omkar@omkar-VirtualBox:~/Desktop/Batsman$ tar cvf leftarchive.tar left
left/
left/left.txt
omkar@omkar-VirtualBox:~/Desktop/Batsman$ ls -lh
total 32K
-rw-rw-r-- 1 onkar onkar 150 Apr 17 13:11 archive.tar.gz
-rw-rw-r-- 1 onkar onkar 15 Apr 14 10:11 Bat.txt
-rw-rw-r-- 1 onkar onkar 0 Apr 17 13:17 demo
-rw-rw-r-- 1 onkar onkar 21 Apr 13 12:47 file1.txt
-rwxrwxrwx 1 onkar onkar 15 Apr 13 13:00 file.txt
drwxrwxr-x 2 onkar onkar 4.0K Apr 13 12:30 left
-rw-rw-r-- 1 onkar onkar 10K Apr 17 13:26 leftarchive.tar
omkar@omkar-VirtualBox:~/Desktop/Batsman$ gzip leftarchive.tar
omkar@omkar-VirtualBox:~/Desktop/Batsman$ ls -lh
total 24K
-rw-rw-r-- 1 onkar onkar 150 Apr 17 13:11 archive.tar.gz
-rw-rw-r-- 1 onkar onkar 15 Apr 14 10:11 Bat.txt
-rw-rw-r-- 1 onkar onkar 0 Apr 17 13:17 demo
-rw-rw-r-- 1 onkar onkar 21 Apr 13 12:47 file1.txt
-rwxrwxrwx 1 onkar onkar 15 Apr 13 13:00 file.txt
drwxrwxr-x 2 onkar onkar 4.0K Apr 13 12:30 left
-rw-rw-r-- 1 onkar onkar 162 Apr 17 13:26 leftarchive.tar.gz
omkar@omkar-VirtualBox:~/Desktop/Batsman$ mkdir deno
mkdir: cannot create directory 'deno': File exists
omkar@omkar-VirtualBox:~/Desktop/Batsman$ mkdir right
omkar@omkar-VirtualBox:~/Desktop/Batsman$ cd right
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ tar xvf leftarchive.tar.gz
tar: leftarchive.tar.gz: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
```

```
Activities Terminal Apr 17 13:31
omkar@omkar-VirtualBox: ~/Desktop/Batsman/right
omkar@omkar-VirtualBox:~/Desktop/Batsman$ mkdir right
omkar@omkar-VirtualBox:~/Desktop/Batsman$ cd right
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ tar xvf leftarchive.tar.gz
tar: leftarchive.tar.gz: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ cd ..
omkar@omkar-VirtualBox:~/Desktop/Batsman$ tar xvf leftarchive.tar.gz right/
tar: right: Not found in archive
tar: Exiting with failure status due to previous errors
omkar@omkar-VirtualBox:~/Desktop/Batsman$ ls
archive.tar.gz  demo  file.txt  leftarchive.tar.gz
Bat.txt  file1.txt  left  right
omkar@omkar-VirtualBox:~/Desktop/Batsman$ tar xvf leftarchive.tar.gz right
tar: right: Not found in archive
tar: Exiting with failure status due to previous errors
omkar@omkar-VirtualBox:~/Desktop/Batsman$ cp leftarchive.tar.gz right
omkar@omkar-VirtualBox:~/Desktop/Batsman$ cd right
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ ls
leftarchive.tar.gz
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ tar xvf leftarchive.tar.gz
left/
left/left.txt
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ ls -lh
total 8.0K
drwxrwxr-x 2 onkar onkar 4.0K Apr 13 12:30 left
-rw-rw-r-- 1 onkar onkar 162 Apr 17 13:30 leftarchive.tar.gz
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ ls
left  leftarchive.tar.gz
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$
```

```
Activities Terminal Apr 17 13:39
omkar@omkar-VirtualBox: ~/Desktop/Batsman/right
omkar@omkar-VirtualBox:~/Desktop/Batsman$ tar -zcvf leftarchive.tar.gz left
left/
left/left.txt
omkar@omkar-VirtualBox:~/Desktop/Batsman$ cp leftarchive.tar.gz right/
omkar@omkar-VirtualBox:~/Desktop/Batsman$ cd right
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ ls
leftarchive.tar.gz
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ tar -zxvf leftarchive.tar.gz
left/
left/left.txt
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$ ls
left leftarchive.tar.gz
omkar@omkar-VirtualBox:~/Desktop/Batsman/right$
```



```
Activities Terminal Apr 17 15:36 omkar@omkar-VirtualBox: ~
omkar@omkar-VirtualBox: $ ls -author
total 184K
-rw-r--r-- 1 omkar 220 Sep 25 2022 .bash_logout
-rw-r--r-- 1 omkar 0 Sep 27 2022 .sudo_as_admin_successful
-rw-r----- 1 omkar 12K Sep 28 2022 .452.sh.swp
-rw-r----- 1 omkar 12K Jan 26 21:16 .hello.txt.swp
-rw-r----- 1 omkar 12K Jan 27 00:17 .hello1.sh.swp
-rw-r----- 1 omkar 12K Jan 27 00:55 .king.sh.swo
-rw-r----- 1 omkar 12K Jan 27 00:56 .king.sh.swp
-rw-r----- 1 omkar 12K Jan 27 01:14 .virat.sh.swp
-rw-r----- 1 omkar 13K Apr 14 10:06 .viminfo
drwxr-x--- 17 virat 4.0K Apr 17 12:52 .
-rw-r--r-- 1 omkar 807 Apr 17 12:52 .profile
-rw-r--r-- 1 omkar 3.7K Apr 17 12:52 .bashrc
drwx----- 2 omkar 4.0K Apr 17 12:52 .ssh
drwxr-xr-x 2 omkar 4.0K Apr 17 12:53 Templates
drwxr-xr-x 5 omkar 4.0K Apr 17 12:53 Desktop
drwxr-xr-x 2 omkar 4.0K Apr 17 12:53 Downloads
drwxr-xr-x 2 omkar 4.0K Apr 17 12:53 Documents
drwxr-xr-x 2 omkar 4.0K Apr 17 12:53 Music
drwxr-xr-x 2 omkar 4.0K Apr 17 12:53 Pictures
drwxr-xr-x 2 omkar 4.0K Apr 17 12:53 Videos
-rw-r----- 1 omkar 10K Apr 17 12:55 .bash_history
drwx----- 3 omkar 4.0K Apr 17 14:31 .gnupg
drwxrwxr-x 2 omkar 4.0K Apr 17 14:31 run
drwxr-xr-x 2 omkar 4.0K Apr 17 14:31 Public
drwx----- 3 omkar 4.0K Apr 17 14:31 .local
drwx----- 15 omkar 4.0K Apr 17 14:31 .cache
drwx----- 15 omkar 4.0K Apr 17 14:31 .config
```

```

Activities  Terminal  Apr 17 15:36  omkar@omkar-VirtualBox: ~

drwxr-xr-x  2 omkar  4.0K Apr 17 12:53 Templates
drwxr-xr-x  5 omkar  4.0K Apr 17 12:53 Desktop
drwxr-xr-x  2 omkar  4.0K Apr 17 12:53 Downloads
drwxr-xr-x  2 omkar  4.0K Apr 17 12:53 Documents
drwxr-xr-x  2 omkar  4.0K Apr 17 12:53 Music
drwxr-xr-x  2 omkar  4.0K Apr 17 12:53 Pictures
drwxr-xr-x  2 omkar  4.0K Apr 17 12:53 Videos
-rw-r--r--  1 omkar 10K Apr 17 12:55 .bash_history
drwxr-xr-x  3 omkar  4.0K Apr 17 14:31 .gnupg
drwxr-xr-x  2 omkar  4.0K Apr 17 14:31 run
drwxr-xr-x  2 omkar  4.0K Apr 17 14:31 Public
drwxr-xr-x  3 omkar  4.0K Apr 17 14:31 .local
drwxr-xr-x 15 omkar  4.0K Apr 17 14:31 .cache
drwxr-xr-x 15 omkar  4.0K Apr 17 14:31 .config
drwxr-xr-x  3 root   4.0K Apr 17 15:12 ..
drwxr-xr-x  3 omkar  4.0K Apr 17 15:12 snap
-rw-r--r--  1 omkar  20 Apr 17 15:13 .lessht

omkar@omkar-VirtualBox: $ sudo dmesg
[ 0.000000] Linux version 5.15.0-43-generic (build@lcy02-amd64-076) (gcc (U
buntu 11.2.0-19ubuntu1) 11.2.0, GNU ld (GNU Binutils for Ubuntu) 2.38) #46-Ubu
ntu SMP Tue Jul 12 10:30:17 UTC 2022 (Ubuntu 5.15.0-43.46-generic 5.15.39)
[ 0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-5.15.0-43-generic root=UUID=
f9cf7cae-7932-4ab8-95ea-6aadd54d9bc1 ro quiet splash
[ 0.000000] KERNEL supported cpus:
[ 0.000000] Intel GenuineIntel
[ 0.000000] AMD AuthenticAMD
[ 0.000000] Hygon HygonGenuine
[ 0.000000] Centaur CentaurHauls
[ 0.000000] zhaoxin Shanghai

```

```
Activities Terminal Apr 17 15:37 omkar@omkar-VirtualBox: ~  
-----  
omkar@omkar-VirtualBox: ~$ lshw  
WARNING: you should run this program as super-user.  
omkar-virtualbox  
  description: Computer  
    width: 64 bits  
    capabilities: smp vsyscall32  
  *-core  
    description: Motherboard  
      physical id: 0  
  *-memory  
    description: System memory  
      physical id: 0  
      size: 3456MiB  
  *-cpu  
    product: Intel(R) Core(TM) i5-8250U CPU @ 1.60GHz  
    vendor: Intel Corp.  
    physical id: 1  
    bus info: cpu@0  
    version: 6.142.10  
    width: 64 bits  
    capabilities: fpu fpu_exception wp vme de pse tsc msr pae mce cx8 apic  
c sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx rdtsc  
p x86-64 constant_tsc rep_good nopl xtopology nonstop_tsc cpuid tsc_known_freq  
pni ssse3 cx16 pcid sse4_1 sse4_2 hypervisor lahf_lm invpcid_single pti fsgsbase  
e invpcid md_clear flush_l1d arch_capabilities  
    configuration: microcode=4294967295  
  *-pci  
    description: Host bridge  
    product: 440FX - 82441FX PMC [Natoma]
```

```
Activities Terminal Apr 17 15:37 omkar@omkar-VirtualBox: ~  
logical name: /dev/input/js0  
logical name: /dev/input/mouse0  
capabilities: usb  
WARNING: output may be incomplete or inaccurate, you should run this program as  
super-user.  
omkar@omkar-VirtualBox: $ sudo hdparm -l /dev/sdb  
/dev/sdb:  
Model=VBOX HARDDISK, FwRev=1.0, SerialNo=VB64b257cf-b5d3bace  
Config={ Fixed }  
RawCHS=4161/16/63, TrkSize=0, SectSize=512, ECCbytes=0  
BuffType=DualPortCache, BuffSize=256kB, MaxMultSect=128, MultSect=128  
CurCHS=4161/16/63, CurSects=4194288, LBA=yes, LBAsects=4194304  
IORDY=yes, tPIO={min:120,w/IORDY:120}, tDMA={min:120,rec:120}  
PIO modes: pio0 pio3 pio4  
DMA modes: mdma0 mdma1 mdma2  
UDMA modes: udma0 udma1 udma2 udma3 udma4 udma5 *udma6  
AdvancedPM=no WriteCache=enabled  
Drive conforms to: unknown: ATA/ATAPI-1,2,3,4,5,6  
  
* signifies the current active mode  
omkar@omkar-VirtualBox: $ sudo hdparm -tT /dev/sdb  
/dev/sdb:  
Timing cached reads: 9852 MB in 1.99 seconds = 4957.84 MB/sec  
Timing buffered disk reads: 276 MB in 3.00 seconds = 91.91 MB/sec  
omkar@omkar-VirtualBox: $
```

```
Activities Terminal Apr 17 15:37 omkar@omkar-VirtualBox: ~  
/dev/sdb:  
Timing cached reads: 9852 MB in 1.99 seconds = 4957.84 MB/sec  
Timing buffered disk reads: 276 MB in 3.00 seconds = 91.91 MB/sec  
omkar@omkar-VirtualBox: $ pmap  
Usage:  
pmap [options] PID [PID ...]  
Options:  
-x, --extended show details  
-X show even more details  
WARNING: format changes according to /proc/PID/smaps  
-XX show everything the kernel provides  
-C, --read-rc read the default rc  
-C, --read-rc-from=<file> read the rc from file  
-n, --create-rc create new default rc  
-N, --create-rc-to=<file> create new rc to file  
NOTE: pid arguments are not allowed with -n, -N  
-d, --device show the device format  
-q, --quiet do not display header and footer  
-p, --show-path show path in the mapping  
-A, --range=<low>[,<high>] limit results to the given range  
-h, --help display this help and exit  
-V, --version output version information and exit  
For more details see pmap(1).  
omkar@omkar-VirtualBox: $
```



```
Activities Terminal Apr 17 15:38 omkar@omkar-VirtualBox: ~  
lsuf 2867 omkar mem REG 8,  
3 68552 145023 /usr/lib/x86_64-linux-gnu/libresolv.so.2 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 22600 144673 /usr/lib/x86_64-linux-gnu/libkeyutils.so.1.9 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 52080 144681 /usr/lib/x86_64-linux-gnu/libkrb5support.so.0.1 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 18504 144140 /usr/lib/x86_64-linux-gnu/libcom_err.so.2.1 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 182928 144671 /usr/lib/x86_64-linux-gnu/libk5crypto.so.3.1 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 828000 144679 /usr/lib/x86_64-linux-gnu/libkrb5.so.3.3 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 613064 144923 /usr/lib/x86_64-linux-gnu/libpcre2-8.so.0.10.4 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 338712 144491 /usr/lib/x86_64-linux-gnu/libgssapi_krb5.so.2.2 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 2216304 144064 /usr/lib/x86_64-linux-gnu/libc.so.6 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 166280 145075 /usr/lib/x86_64-linux-gnu/libselinux.so.1 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 182912 145195 /usr/lib/x86_64-linux-gnu/libtirpc.so.3.0.0 omkar mem REG 8,  
lsuf 2867 omkar mem REG 8,  
3 240936 143727 /usr/lib/x86_64-linux-gnu/ld-linux-x86-64.so.2 omkar 4r FIFO 0,1  
lsuf 2867 omkar 4r FIFO 0,1  
3 0t0 49417 pipe omkar 7w FIFO 0,1  
lsuf 2867 omkar 7w FIFO 0,1  
3 0t0 49418 pipe omkar 7w FIFO 0,1  
omkar@omkar-VirtualBox:~$ lsuf
```

```

Activities  Terminal  Apr 17 15:39  omkar@omkar-VirtualBox: ~

lsof      2867      omkar  mem      REG      8,
3 182928  144671 /usr/lib/x86_64-linux-gnu/libcrypto.so.3.1
lsof      2867      omkar  mem      REG      8,
3 828000  144679 /usr/lib/x86_64-linux-gnu/libkrb5.so.3.3
lsof      2867      omkar  mem      REG      8,
3 613064  144923 /usr/lib/x86_64-linux-gnu/libpcre2-8.so.0.10.4
lsof      2867      omkar  mem      REG      8,
3 338712  144491 /usr/lib/x86_64-linux-gnu/libgssapi_krb5.so.2.2
lsof      2867      omkar  mem      REG      8,
3 2216304 144064 /usr/lib/x86_64-linux-gnu/libc.so.6
lsof      2867      omkar  mem      REG      8,
3 166280  145675 /usr/lib/x86_64-linux-gnu/libselinux.so.1
lsof      2867      omkar  mem      REG      8,
3 182912  145195 /usr/lib/x86_64-linux-gnu/libtirpc.so.3.0.0
lsof      2867      omkar  mem      REG      8,
3 240936  143727 /usr/lib/x86_64-linux-gnu/ld-linux-x86-64.so.2
lsof      2867      omkar   4r      FIFO    0,1
3      0t0      49417 pipe
lsof      2867      omkar   7w      FIFO    0,1
3      0t0      49418 pipe
omkar@omkar-VirtualBox:~$ df -h
Filesystem      Inodes    IUsed    IFree    IUse%    Mounted on
tmpfs            429186    965     428221     1%    /run
/dev/sda3       622592  180799   441793    30%    /
tmpfs            429186     1     429185     1%    /dev/shm
tmpfs            429186     4     429182     1%    /run/lock
/dev/sda2         0         0         0         -    /boot/efi
tmpfs            85837    142     85695     1%    /run/user/1000
omkar@omkar-VirtualBox:~$

```

```
Activities Terminal Apr 17 15:39 omkar@omkar-VirtualBox: ~  
/dev/sda2 0 0 0 - /boot/efi  
tmpfs 85837 142 85695 1% /run/user/1000  
omkar@omkar-VirtualBox: $ findmnt  
TARGET SOURCE FSTYPE OPTIONS  
/  
- /sys /dev/sda3 ext4 rw,relatime,er  
- /sys/kernel/security sysfs sysfs rw,nosuid,node  
- /sys/fs/cgroup securityfs securi rw,nosuid,node  
- /sys/fs/pstore cgroup2 cgroup rw,nosuid,node  
- /sys/fs/bpf pstore pstore rw,nosuid,node  
- /sys/kernel/debug bpf rw,nosuid,node  
- /sys/kernel/tracing debugfs debugf rw,nosuid,node  
- /sys/fs/fuse/connections tracefs tracef rw,nosuid,node  
- /sys/kernel/config fusectl fusect rw,nosuid,node  
- /proc configfs config rw,nosuid,node  
- /proc proc proc rw,nosuid,node  
- /proc/sys/fs/binfmt_misc systemd-1 autofs rw,relatime,fd  
- /proc/sys/fs/binfmt_misc binfmt_misc binfmt rw,nosuid,node  
- /dev udev devtmp rw,nosuid,rela  
- /dev/pts devpts devpts rw,nosuid,noex  
- /dev/shm tmpfs tmpfs rw,nosuid,node  
- /dev/mqueue mqueue mqueue rw,nosuid,node  
- /dev/hugepages hugetlbfs hugetl rw,relatime,pa  
- /run tmpfs tmpfs rw,nosuid,node  
- /run/lock tmpfs tmpfs rw,nosuid,node  
- /run/credentials/systemd-sysusers.service none ramfs ro,nosuid,node  
- /run/user/1000 tmpfs tmpfs rw,nosuid,node  
- /run/user/1000/gvfs gvfsd-fuse fuse.g rw,nosuid,node  
- /run/user/1000/doc portal fuse.p rw,nosuid,node
```

```
Activities Terminal Apr 17 15:39 omkar@omkar-VirtualBox: ~  
- /run/credentials/systemd-sysusers.service  
  none ramfs ro,nosuid,node  
- /run/user/1000 tmpfs tmpfs rw,nosuid,node  
  gvfsd-fuse fuse.g rw,nosuid,node  
- /run/user/1000/doc portal fuse.p rw,nosuid,node  
- /run/snapd/ns tmpfs[ /snapd/ns] tmpfs rw,nosuid,node  
- /run/snapd/ns/snapd-desktop-integration.mnt  
  nsfs[mnt:[4026532429]]  
    nsfs rw  
- /snap/bare/5 /dev/loop1 squash ro,nodev,relat  
- /snap/core20/1623 /dev/loop0 squash ro,nodev,relat  
- /snap/core20/1778 /dev/loop2 squash ro,nodev,relat  
- /snap/firefox/2277 /dev/loop3 squash ro,nodev,relat  
- /snap/firefox/1883 /dev/loop4 squash ro,nodev,relat  
- /snap/gnome-3-38-2004/115 /dev/loop5 squash ro,nodev,relat  
- /snap/snap-store/599 /dev/loop8 squash ro,nodev,relat  
- /snap/gnome-3-38-2004/119 /dev/loop7 squash ro,nodev,relat  
- /snap/gtk-common-themes/1535 /dev/loop6 squash ro,nodev,relat  
- /snap/snap-store/638 /dev/loop9 squash ro,nodev,relat  
- /snap/snapd/17950 /dev/loop10 squash ro,nodev,relat  
- /snap/snapd-desktop-integration/14 /dev/loop11 squash ro,nodev,relat  
- /snap/snapd-desktop-integration/49 /dev/loop12 squash ro,nodev,relat  
- /var/snap/firefox/common/host-hunspell /dev/sda3[ /usr/share/hunspell]  
  ext4 ro,noexec,noat  
- /boot/efi /dev/sda2 vfat rw,relatime,fm  
omkar@omkar-VirtualBox: $ uname -a  
Linux omkar-VirtualBox 5.15.0-43-generic #46-Ubuntu SMP Tue Jul 12 10:30:17 UTC  
2022 x86_64 x86_64 x86_64 GNU/Linux  
omkar@omkar-VirtualBox: ~$
```

```
Activities Terminal Apr 17 15:39 omkar@omkar-VirtualBox: ~  
/run/user/1000 tmpfs tnpfs rw,nosuid,node  
/run/user/1000/gvfs gvfsd-fuse fuse.g rw,nosuid,node  
/run/user/1000/doc portal fuse.p rw,nosuid,node  
/run/snapd/ns tmpfs[/snapd/ns] tnpfs rw,nosuid,node  
/run/snapd/ns/snapd-desktop-integration.nnt  
nsfs[nnt:[4026532429]]  
nsfs rw  
/snap/bare/5 /dev/loop1 squash ro,nodev,relat  
/snap/core20/1623 /dev/loop0 squash ro,nodev,relat  
/snap/core20/1778 /dev/loop2 squash ro,nodev,relat  
/snap/firefox/2277 /dev/loop3 squash ro,nodev,relat  
/snap/firefox/1883 /dev/loop4 squash ro,nodev,relat  
/snap/gnome-3-38-2004/115 /dev/loop5 squash ro,nodev,relat  
/snap/snap-store/599 /dev/loop8 squash ro,nodev,relat  
/snap/gnome-3-38-2004/119 /dev/loop7 squash ro,nodev,relat  
/snap/gtk-common-themes/1535 /dev/loop6 squash ro,nodev,relat  
/snap/snap-store/638 /dev/loop9 squash ro,nodev,relat  
/snap/snapd/17950 /dev/loop10 squash ro,nodev,relat  
/snap/snapd-desktop-integration/14 /dev/loop11 squash ro,nodev,relat  
/snap/snapd-desktop-integration/49 /dev/loop12 squash ro,nodev,relat  
/var/snap/firefox/common/host-hunspell /dev/sda3[/usr/share/hunspell]  
/boot/efi /dev/sda2 ext4 ro,noexec,noat  
vfat rw,relatime,fm  
omkar@omkar-VirtualBox: $ uname -a  
Linux omkar-VirtualBox 5.15.0-43-generic #46-Ubuntu SMP Tue Jul 12 10:30:17 UTC  
2022 x86_64 x86_64 x86_64 GNU/Linux  
omkar@omkar-VirtualBox: $ uname -r  
5.15.0-43-generic  
omkar@omkar-VirtualBox: $
```



```
Activities Terminal Apr 17 15:40 omkar@omkar-VirtualBox: ~  
omkar@omkar-VirtualBox: $ uptime  
15:40:07 up 31 min, 1 user, load average: 0.12, 0.26, 0.35  
omkar@omkar-VirtualBox: $ w  
15:40:09 up 31 min, 1 user, load average: 0.12, 0.26, 0.35  
USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT  
omkar tty2 tty2 15:10 30:31 0.31s 0.27s /usr/libexec/g  
omkar@omkar-VirtualBox: $ who  
omkar tty2 2023-04-17 15:10 (tty2)  
omkar@omkar-VirtualBox: $ lst  
Command 'lst' not found, did you mean:  
command 'lsd' from snap lsd (0.16.0)  
command 'ls' from deb coreutils (8.32-4.1ubuntu1)  
command 'last' from deb util-linux (2.37.2-4ubuntu3)  
See 'snap info <snapname>' for additional versions.  
omkar@omkar-VirtualBox: $ last  
omkar tty2 tty2 Mon Apr 17 15:10 still logged in  
reboot system boot 5.15.0-43-generi Mon Apr 17 15:09 still running  
omkar :0 :0 Mon Apr 17 14:20 - crash (00:48)  
omkar tty2 tty2 Mon Apr 17 14:18 - 14:20 (00:01)  
reboot system boot 5.15.0-43-generi Mon Apr 17 14:15 still running  
omkar tty2 tty2 Mon Apr 17 12:52 - crash (01:23)  
reboot system boot 5.15.0-43-generi Mon Apr 17 12:51 still running  
reboot system boot 5.15.0-43-generi Sun Apr 16 13:01 still running  
omkar tty2 tty2 Sat Apr 15 17:26 - crash (19:34)  
reboot system boot 5.15.0-43-generi Sat Apr 15 17:25 still running  
omkar tty2 tty2 Fri Apr 14 15:18 - crash (1+02:07)  
reboot system boot 5.15.0-43-generi Fri Apr 14 15:17 still running  
omkar tty2 tty2 Fri Apr 14 13:22 - crash (01:55)  
reboot system boot 5.15.0-43-generi Fri Apr 14 13:21 still running
```