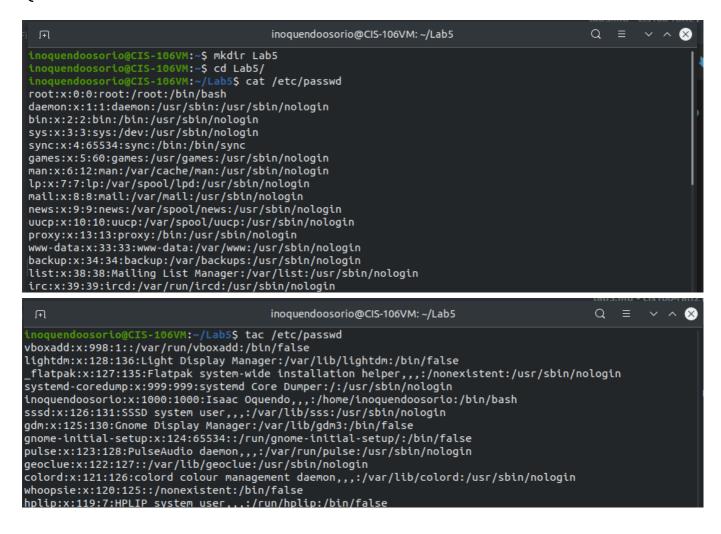
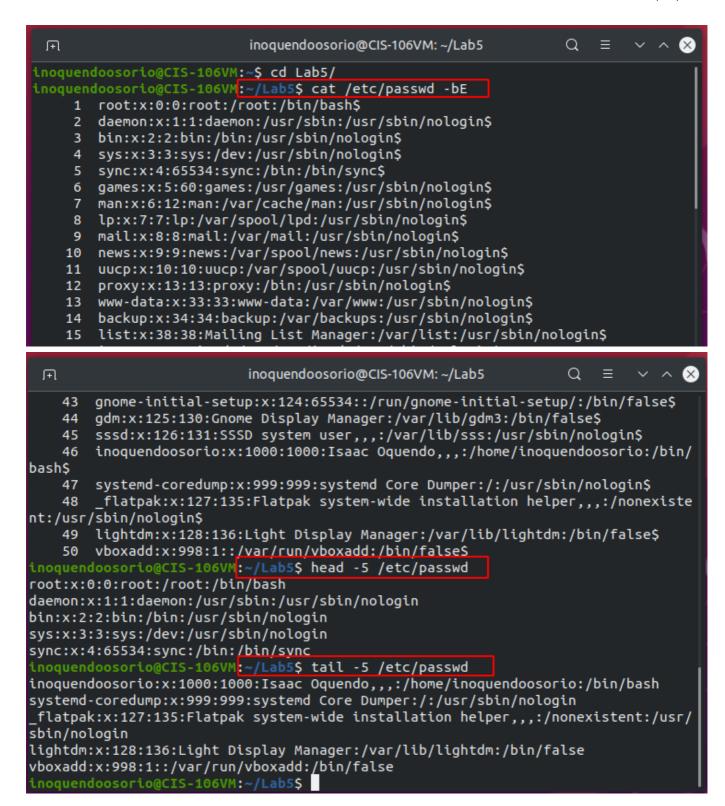
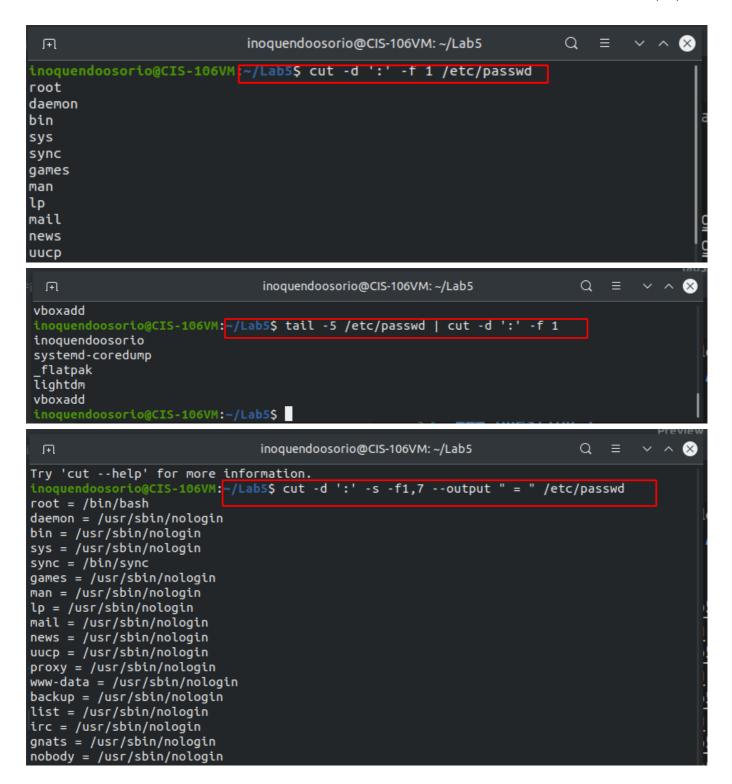
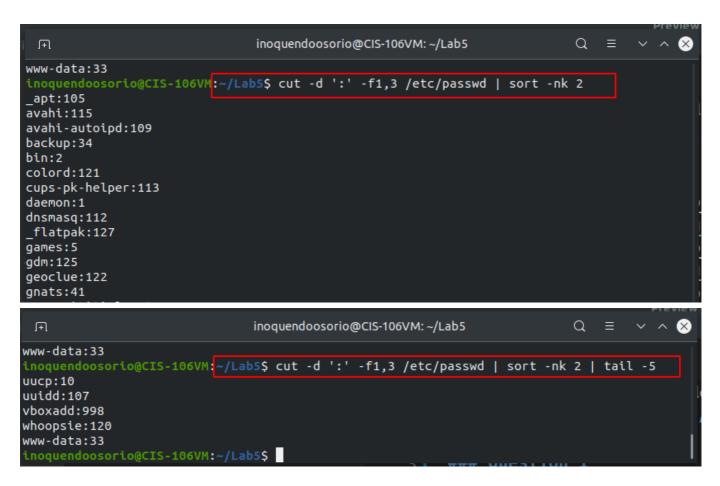
Lab 5 | Handling files Answers to lab 5

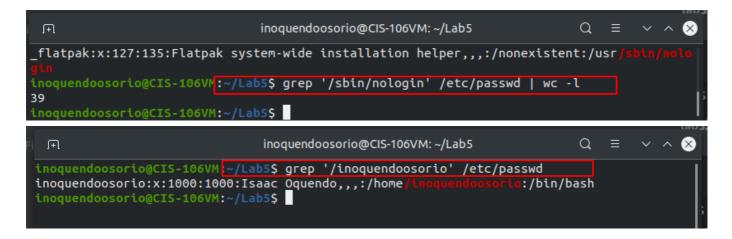


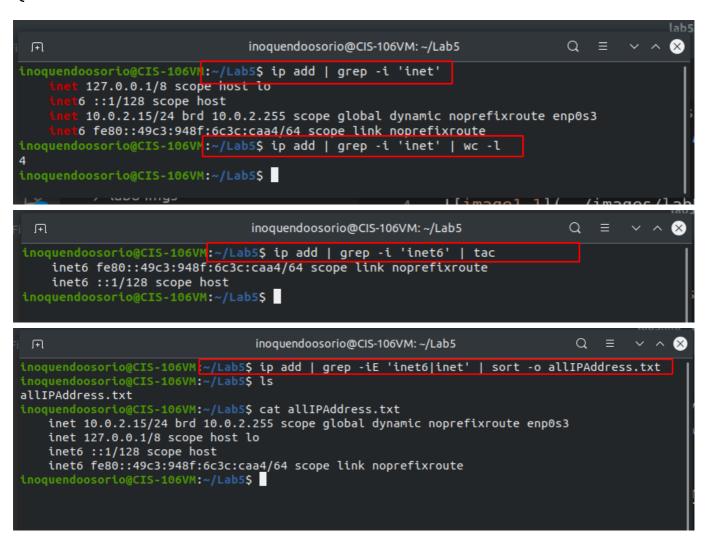


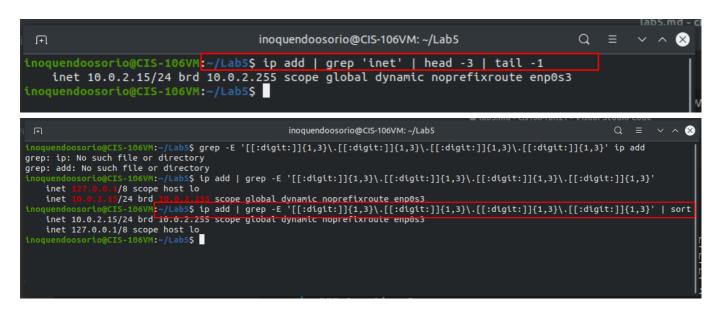












```
inoquendoosorio@CIS-106VM: ~/Lab5$ echo "# Information about my pc" > mypc.md
inoquendoosorio@CIS-106VM: ~/Lab5$ ls
allIPAddress.txt mypc.md
inoquendoosorio@CIS-106VM: ~/Lab5$ echo "## CPU Information" >> mypc.md
inoquendoosorio@CIS-106VM: ~/Lab5$ cat mypc.md
# Information about my pc
## CPU Information
inoquendoosorio@CIS-106VM: ~/Lab5$
```

```
\otimes
                                                        inoquendoosorio@CIS-106VM: ~/Lab5
 noquendoosorio@CIS-106VM:~/Lab5$ lscpu | grep -iE 'thread|core|architecture|model name|cpu|virtualization'
                                      x86 64
    op-mode(s):
                                       32-<del>b</del>it, 64-bit
On-line
             (s) list:
                                      0,1
      (s) per
    (s) per socket:
family:
                                      AMD Ryzen 5 4500U with Radeon Graphics
    MHz:
                                      2370.548
                                      full
                 type:
NUMA node0
                                      0,1
                                      se sse2 ht syscall nx mmxext fxsr_opt rdtscp lm constant_tsc rep_good nopl nonstop_tsc considered extd_apicid tsc_known_freq pni pclmulqdq ssse3 cx16 sse4_1 sse4_2 x2apic movbe popcnt aes xsave avx rdrand hypervisor lahf_lm cmp_legacy cr8_legacy abm s se4a misalignsse 3dnowprefetch ssbd vmmcall fsgsbase avx2 rdseed clflushopt arat
                        | OGVI :~/Lab5$ lscpu | grep -iE 'thread|core|architecture|model name|cpu|virtualization' >> mypc.md
                       -106VM:~/Lab5$ cat mypc.md
# Information about my pc
## CPU Information
                                      x86_64
Architecture:
CPU op-mode(s):
                                      32-bit, 64-bit
CPU(s):
On-line CPU(s) list:
                                      0,1
Thread(s) per core:
Core(s) per socket:
CPU family:
Model name:
                                      AMD Ryzen 5 4500U with Radeon Graphics
CPU MHz:
                                      2370.548
Virtualization type:
                                      full
NUMA node0 CPU(s):
                                      fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr s
Flags:
se sse2 ht syscall nx mmxext fxsr_opt rdtscp lm constant_tsc rep_good nopl nonstop_tsc cpuid extd_apicid tsc_known_freq pni
```



```
∨ ^ ⊗
                                                                                     inoquendoosorio@CIS-106VM: ~/Lab5
inoquendoosorio@CIS-106VN:~/Lab5$ cat mypc.md
# Information about my pc
## CPU Information
                                                      x86_64
32-bit, 64-bit
Architecture:
CPU op-mode(s):
CPU(s):
On-line CPU(s) list:
                                                      0,1
Thread(s) per core:
Core(s) per socket:
CPU family:
Model name:
                                                      AMD Ryzen 5 4500U with Radeon Graphics
CPU MHz:
                                                      2370.548
Virtualization type:
                                                      full
                                                      0,1
fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr_opt rdtscp lm constant_tsc rep_good nopl nonstop_tsc cpuid extd_apicid tsc_known_freq pni pclmulqdq sss e3 cx16 sse4_1 sse4_2 x2apic movbe popcnt aes xsave avx rdrand hypervisor lahf_lm cmp_legacy cr8_legacy abm sse4a misalignsse 3dno wprefetch ssbd vmmcall fsgsbase avx2 rdseed clflushopt arat
## RAM Information
                size: 128KiB
size: 2GiB
                     resources: irq:0 ioport:1f0(size=8) ioport:3f6 ioport:170(size=8) ioport:376 ioport:d000(size=16) resources: irq:18 ioport:d010(size=16) memory:e0000000-e7ffffff memory:f0000000-f01fffff memory:c0000-dffff
                     size: 1Gbit/s
resources: irq:19 memory:f0200000-f021ffff ioport:d020(size=8)
                     resources: irq:20 ioport:d040(size=32) memory:f0400000-f07fffff memory:f0800000-f0803fff resources: irq:21 ioport:d060(size=8) ioport:d068(size=4) ioport:d070(size=8) ioport:d078(size=4) ioport:d080(size=16
) memory:f0806000-f0807fff
                     configuration: ansiversion=5 mount.fstype=iso9660 mount.options=ro,nosuid,nodev,relatime,nojoliet,check=s,map=n,block
size=2048,uid=1000,gid=1000,dmode=500,fmode=400 state=mounted status=ready

configuration: mount.fstype=iso9660 mount.options=ro,nosuid,nodev,relatime,nojoliet,check=s,map=n,blocksize=2048,u
id=1000,gid=1000,dmode=500,fmode=400 state=mounted

size: 50GiB (53GB)
                      configuration: ansiversion=5 logicalsectorsize=512 sectorsize=512 signature=48ca2e32
                          size: 510MiB
size: 49GiB
size: 49GiB
```