2-

```
ubuntu@ip-172-31-57-211:~$ sudo passwd matheus
New password:
Retype new password:
passwd: password updated successfully
ubuntu@ip-172-31-57-211:~$
```

3-

```
ubuntu@ip-172-31-57-211:~$ su fermo
Password:
fermo@ip-172-31-57-211:/home/ubuntu$
```

```
fermo@ip-172-31-57-211:/home/ubuntu$ cd ..
fermo@ip-172-31-57-211:/home$ cd /home
fermo@ip-172-31-57-211:/home$ |
```

```
Fremelin 172-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311-77-311
```

```
fermo@ip-172-31-57-211:/home$ su root
Password:
root@ip-172-31-57-211:/home# sudo adduser silva
info: Adding user `silva' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `silva' (1003) ...
info: Adding new user `silva' (1003) with group `silva (1003)' ...
info: Creating home directory `/home/silva' ...
info: Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for silva
Enter the new value, or press ENTER for the default
    Full Name []:
        Room Number []:
        Work Phone []:
        Home Phone []:
        Other []:
Is the information correct? [Y/n] y
info: Adding new user `silva' to supplemental / extra groups `users' ...
root@ip-172-31-57-211:/home#
```

7-

```
root@ip-172-31-57-211:/home# sudo passwd silva
New password:
Retype new password:
passwd: password updated successfully
```

```
root@ip-172-31-57-211:/home# cd ..
root@ip-172-31-57-211:/# cd /home
root@ip-172-31-57-211:/home# cd
root@ip-172-31-57-211:~#
```

```
root@ip-172-31-57-211:~# pwd
/root
root@ip-172-31-57-211:~#
```

11-

```
root@ip-172-31-57-211:~# mkdir teste
root@ip-172-31-57-211:~#
```

12-

```
root@ip-172-31-57-211:~# rm -r teste
root@ip-172-31-57-211:~#
```

13-

```
root@ip-172-31-57-211:/home/fermo# touch teste
root@ip-172-31-57-211:/home/fermo#
```

14-

```
root@ip-172-31-57-211:/home/fermo# df -h
                     Size Used Avail Use% Mounted on
Filesystem
                                     17G 11% /
479M 0% /dev/shm
191M 1% /run
5.0M 0% /run/lock
687M 17% /boot
                     19G 2.0G
479M 0
/dev/root
tmpfs
                     192M
                              876K
tmpfs
tmpfs
/dev/xvda16
/dev/xvda15
                      5.0M
                     881M
                              133M
                              6.1M
                                       99M
                                               6% /boot/efi
1% /run/user/1000
                      105M
                       96M
                              12K
                                       96M
tmpfs
root@ip-172-31-57-211:/home/fermo#
```

15-

```
root@ip-172-31-57-211:/home/fermo# du -m /home

// home/fermo/.config/procps

// home/fermo/.config

// home/fermo

// home/matheus

// home/ubuntu/.ssh

// home/ubuntu/.cache

// home/ubuntu

// home/silva

// home
```

16-

root@ip-172-31-57-211:/home/fermo# uname -a Linux ip-172-31-57-211 6.8.0-1014-aws #15-Ubuntu SMP Thu Aug 8 19:13:06 UTC 2024 x86_64 x86_64 x86_64 GNU/Linux root@ip-172-31-57-211:/home/fermo#

```
root@ip-172-31-57-211:/home/fermo# history
1 sudo adduser silva
2 sudo passwd silva
        cd ..
cd /home
         \mathsf{cd}
     6
         clear
         pwd
     8
         sudo apt update && sudo apt upgrade
   10
        mkdir teste
        rm teste
rm -r teste
   11
   12
         exit
   13
         touch teste
   14
         clear
        df-h
df -h
du -m teste
   16
   17
   18
        du -m <teste>
   19
   20
         clear
        du -m /home
du -m /teste
du -m/teste-2
uname -a
   21
22
   23
24
       history
root@ip-172-31-57-211:/home/fermo#
```

```
root@ip-172-31-57-211:/home/fermo# history | grep teste
10 mkdir teste
11 rm teste
12 rm -r teste
14 touch teste
18 du -m teste
19 du -m <teste>
22 du -m /teste
23 du -m/teste-2
26 history | grep teste
root@ip-172-31-57-211:/home/fermo#
```

```
| Company | Comp
```



```
MANUAL PARTY OF THE PARTY OF TH
```

```
root@ip-172-31-57-211:/home/fermo# lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description: Ubuntu 24.04 LTS
Release: 24.04
Codename: noble
root@ip-172-31-57-211:/home/fermo#
```

```
root8ip-172-31:57-211:/home/fermof cat /proc/cpuinfo
processor : 0
constainty : 0
```

```
root@ip-172-31-57-211:/home/fermo# cpuid | more
CPU 0:
   vendor_id = "GenuineIntel"
   version information (1/eax):
      processor type = primary processor (0) family = 0x6 (6) model = 0xf (15)
      stepping id = 0x2 (2)
extended family = 0x0 (0)
      extended model = 0x3 (3)
   (family synth) = 0x6 (6)
(model synth) = 0x3f (6)
miscellaneous (1/ebx):
                        = 0x3f(63)
      process local APIC physical ID = 0x0 (0)
      maximum IDs for CPUs in pkg
                                          = 0x1 (1)
      CLFLUSH line size
                                          = 0x8 (8)
   brand index
brand id = 0x00 (0): unknown
                                          = 0x0 (0)
   feature information (1/edx):
      x87 FPU on chip
                                                   = true
      VME: virtual-8086 mode enhancement
                                                   = true
      DE: debugging extensions
                                                   = true
      PSE: page size extensions
TSC: time stamp counter
                                                     true
                                                   = true
      RDMSR and WRMSR support
                                                   = true
      PAE: physical address extensions
                                                   = true
      MCE: machine check exception
                                                   = true
      CMPXCHG8B inst.
                                                   = true
      APIC on chip
                                                   = true
      SYSENTER and SYSEXIT
                                                   = true
      MTRR: memory type range registers
PTE global bit
                                                   = true
                                                   = true
      MCA: machine check architecture
CMOV: conditional move/compare instr
                                                   = true
                                                   = true
      PAT: page attribute table
                                                   = true
      PSE-36: page size extension
                                                   = true
      PSN: processor serial number
                                                   = false
      CLFLUSH instruction
                                                   = true
      DS: debug store
                                                   = false
      ACPI: thermal monitor and clock ctrl
                                                   = false
      MMX Technology
                                                   = true
      FXSAVE/FXRSTOR
                                                    = true
      SSE extensions
                                                   = true
      SSE2 extensions
SS: self snoop
                                                   = true
                                                    = false
      hyper-threading / multi-core supported = true
      TM: therm. monitor
                                                   = false
      IA64
                                                   = false
      PBE: pending break event
                                                   = false
   feature information (1/ecx):
      PNI/SSE3: Prescott New Instructions
                                                    = true
      PCLMULDQ instruction
                                                    = true
      DTES64: 64-bit debug store
                                                    = false
      MONITOR/MWAIT
                                                    = false
      CPL-qualified debug store
                                                    = false
      VMX: virtual machine extensions
                                                    = false
      SMX: safer mode extensions
                                                    = false
      Enhanced Intel SpeedStep Technology
                                                    = false
```

```
root@ip-172-31-57-211:/home/fermo# df
Filesystem 1K-blocks Used Available Use% Mounted on
/dev/root 19221248 2298388 16906476 12% /
                                                                      12% /
0% /dev/shm
tmpfs
                             490204
                                                           490204
                                                 0
                                                                        1% /run
1% /run
0% /run/lock
17% /boot
6% /boot/efi
1% /run/user/1000
                             196084
                                                           195192
tmpfs
                                               892
tmpfs
/dev/xvda16
/dev/xvda15
                             5120
901520
                                                  0
                                                              5120
                                          135276
                                                           703116
                                                           100586
                             106832
                                              6246
tmpfs
                               98040
                                                 12
                                                             98028
root@ip-172-31-57-211:/home/fermo#
```

```
root@ip-172-31-57-211:/home/fermo# free
total used free shared buff/cache available
Mem: 980408 393504 164652 904 589208 586904
Swap: 0 0 0
root@ip-172-31-57-211:/home/fermo#
```

```
root@ip-172-31-57-211:/home/fermo# sudo dmidecode
# dmidecode 3.5
Getting SMBIOS data from sysfs.
SMBIOS 2.7 present.
11 structures occupying 378 bytes.
Table at 0x000EB01F.
Handle Ox0000, DMI type 0, 24 bytes
BIOS Information
          Vendor: Xen
          Version: 4.11.amazon
          Release Date: 08/24/2006
          Address: 0xE8000
Runtime Size: 96 kB
          ROM Size: 64 kB
          Characteristics:
                     PCI is supported
                     EDD is supported
                     Targeted content distribution is supported
          BIOS Revision: 4.11
Handle 0x0100, DMI type 1, 27 bytes
System Information
          Manufacturer: Xen
Product Name: HVM domU
          Version: 4.11.amazon
          Serial Number: ec2e6a92-74a9-f8ad-0f6f-75c09bfefc0c
UUID: ec2e6a92-74a9-f8ad-0f6f-75c09bfefc0c
          Wake-up Type: Power Switch
SKU Number: Not Specified
Family: Not Specified
Handle 0x0300, DMI type 3, 21 bytes
Chassis Information
          Manufacturer: Xen
          Type: Other
Lock: Not Present
          Version: Not Specified
          Serial Number: Not Specified
          Asset Tag: Not Specified
          Boot-up State: Safe
Power Supply State: Safe
Thermal State: Safe
          Security Status: Unknown
          OEM Information: 0x00000000
          Height: Unspecified
Number Of Power Cords: Unspecified
Contained Elements: 0
Handle 0x0401, DMI type 4, 35 bytes
Processor Information
          Socket Designation: CPU 1
          Type: Central Processor
Family: Other
          Manufacturer: Intel
ID: F2 06 03 00 FF FB 8B 17
          Version: Not Specified
Voltage: Unknown
```

```
Tooling-172-11-57-2111/home/fermod bardinfo
Compariso
Co
```

```
root@ip-172-31-57-211:/home/fermo# inxi -C
CPU:
Info: single core model: Intel Xeon E5-2676 v3 bits: 64 cache: L2: 256 KiB
Speed (MHz): 2400 min/max: N/A core: 1: 2400
root@ip-172-31-57-211:/home/fermo#
```

```
root@ip-172-31-57-211:/home/fermo# likwid-topology
                Intel(R) Xeon(R) CPU E5-2676 v3 @ 2.40GHz
Intel Xeon Haswell EN/EP/EX processor
CPU name:
CPU type:
CPU stepping:
Hardware Thread Topology
Sockets:
Cores per socket:
Threads per core:
HWThread
                                                                    Available
                Thread
                              Core
                                          Die
                                                      Socket
                0
                              0
                                          0
                                                      0
                        (0)
Socket 0:
evel:
                        32 kB
( 0 )
Size:
Cache groups:
                        2
256 kB
( 0 )
evel:
Size:
Cache groups:
evel:
                        30 MB
Size:
                        (0)
Cache groups:
NUMA Topology
NUMA domains:
                        0
(0)
10
Domain:
Processors:
Distances:
                        182.613 MB
957.43 MB
Free memory:
Total memory:
root@ip-172-31-57-211:/home/fermo#
```

```
restlip_172_11_57_211_/home/fermor labu
(p=172_11_57_211_)
(p=172_11_5
```

```
root@ip-172-31-57-211:/home/fermo# lstopo
Machine (957MB total)
Package L#0
NUMANode L#0 (P#0 957MB)
L3 L#0 (30MB) + L2 L#0 (256KB) + L1d L#0 (32KB) + L1i L#0 (32KB) + Core L#0 + PU L#0 (P#0)
HostBridge
PCI 00:01.1 (IDE)
PCI 00:02.0 (VGA)
Block "xvda"
Net "enX0"
root@ip-172-31-57-211:/home/fermo#
```