Week Report 3

Completed work for week 3
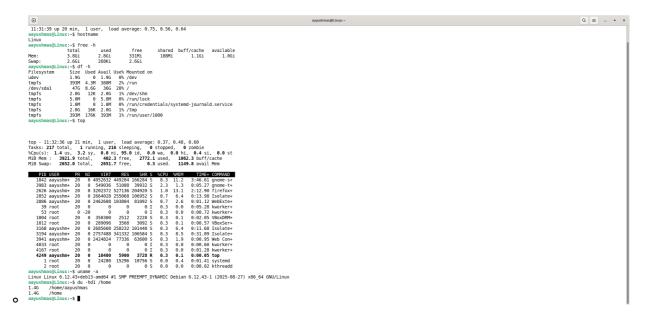
- Lab 3
- Notes 3

Practice screenshots
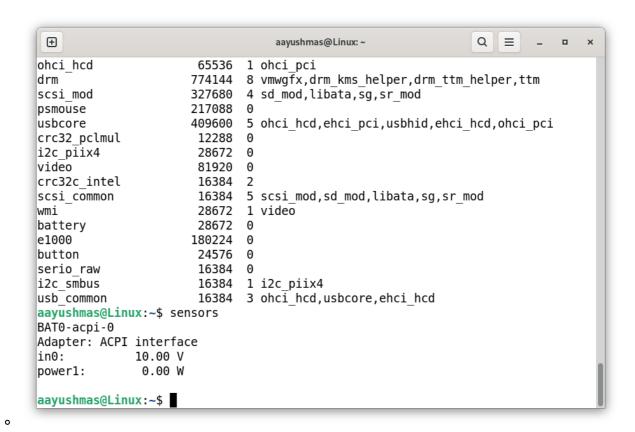
- Practice 3

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- Practice 4

```
                                                      aayushmas@Linux: ~
 11:31:39 up 20 min,  1 user,  load average: 0.75, 0.56, 0.64
aayushmas@Linux:~$ hostname
Linux
aayushmas@Linux:~$ free -h
               total        used        free      shared  buff/cache   available
Mem:           3.8Gi       2.8Gi       331Mi       188Mi       1.1Gi       1.0Gi
Swap:          2.6Gi       268Ki       2.6Gi
aayushmas@Linux:~$ df -h
Filesystem     Size  Used Avail Use% Mounted on
udev           1.9G     0  1.9G   0% /dev
tmpfs          393M  4.3M  388M   2% /run
/dev/sda1       47G  8.6G   36G  20% /
tmpfs          2.0G   12K  2.0G   1% /dev/shm
tmpfs          5.0M     0  5.0M   0% /run/lock
tmpfs          1.0M     0  1.0M   0% /run/credentials/systemd-journald.service
tmpfs          2.0G   16K  2.0G   1% /tmp
tmpfs          393M  176K  393M   1% /run/user/1000
aayushmas@Linux:~$ top

top - 11:32:36 up 21 min,  1 user,  load average: 0.37, 0.48, 0.60
Tasks: 217 total,   1 running, 216 sleeping,   0 stopped,   0 zombie
%Cpu(s):  1.4 us,  3.2 sy,  0.0 ni, 95.0 id,  0.0 wa,  0.0 hi,  0.4 si,  0.0 st
MiB Mem :   3921.9 total,    402.3 free,   2772.1 used,   1062.3 buff/cache
MiB Swap:   2652.0 total,   2651.7 free,      0.3 used.   1149.8 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
   1842 aayushm+  20   0 4052632 449204 166284 S   8.3  11.2   3:46.61 gnome-s+
   3983 aayushm+  20   0  549036  51088  39932 S   2.3   1.3   0:05.27 gnome-t+
   2626 aayushm+  20   0 3202372 527136 204920 S   1.0  13.1   2:12.90 firefox+
   2852 aayushm+  20   0 2664028 255068 106952 S   0.7   6.4   0:13.98 Isolate+
   2886 aayushm+  20   0 2462608 103804  81092 S   0.7   2.6   0:01.12 WebExte+
     39 root      20   0       0      0      0 I   0.3   0.0   0:05.28 kworker+
     53 root       0 -20       0      0      0 I   0.3   0.0   0:00.72 kworker+
   1004 root      20   0  350300   2512   2228 S   0.3   0.1   0:02.05 VBoxDRM+
   1012 root      20   0  289096   3568   3092 S   0.3   0.1   0:00.57 VBoxSer+
   3168 aayushm+  20   0 2685608 258232 101440 S   0.3   6.4   0:11.68 Isolate+
   3194 aayushm+  20   0 2757488 341332 106584 S   0.3   8.5   0:31.09 Isolate+
   3941 aayushm+  20   0 2424824  77336  63600 S   0.3   1.9   0:00.95 Web Con+
   4033 root      20   0       0      0      0 I   0.3   0.0   0:00.60 kworker+
   4167 root      20   0       0      0      0 I   0.3   0.0   0:01.28 kworker+
   4249 aayushm+  20   0   10400   5900   3728 R   0.3   0.1   0:00.05 top
      1 root      20   0   24280  15296  10756 S   0.0   0.4   0:01.41 systemd
      2 root      20   0       0      0      0 S   0.0   0.0   0:00.02 kthreadd
aayushmas@Linux:~$ uname -a
Linux Linux 6.12.43+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.12.43-1 (2025-08-27) x86_64 GNU/Linux
aayushmas@Linux:~$ du -hd1 /home
1.4G    /home/aayushmas
1.4G    /home
aayushmas@Linux:~$
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- Practice 5

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                                  aayushmas@Linux: ~
ohci_hcd              65536  1 ohci_pci
drm                  774144  8 vmwgfx,drm_kms_helper,drm_ttm_helper,ttm
scsi_mod             327680  4 sd_mod,libata,sg,sr_mod
psmouse              217088  0
usbcore              409600  5 ohci_hcd,ehci_pci,usbhid,ehci_hcd,ohci_pci
crc32_pclmul          12288  0
i2c_piix4             28672  0
video                 81920  0
crc32c_intel          16384  2
scsi_common           16384  5 scsi_mod,sd_mod,libata,sg,sr_mod
wmi                   28672  1 video
battery               28672  0
e1000                180224  0
button                24576  0
serio_raw             16384  0
i2c_smbus             16384  1 i2c_piix4
usb_common            16384  3 ohci_hcd,usbcore,ehci_hcd
aayushmas@Linux:~$ sensors
BAT0-acpi-0
Adapter: ACPI interface
in0:          10.00 V
power1:        0.00 W

aayushmas@Linux:~$
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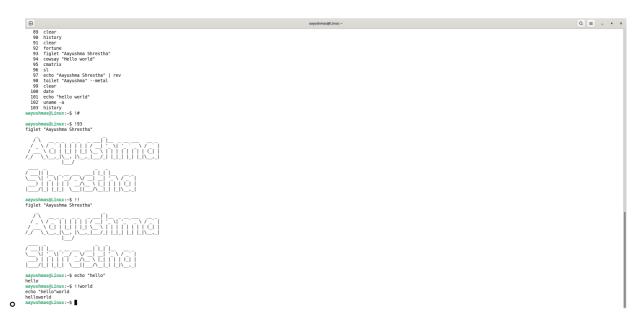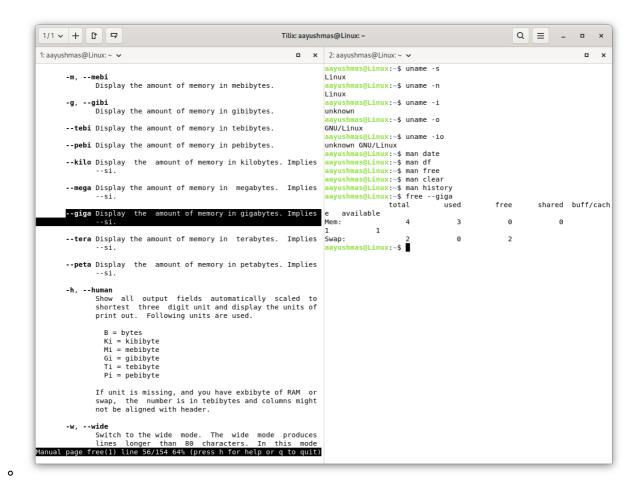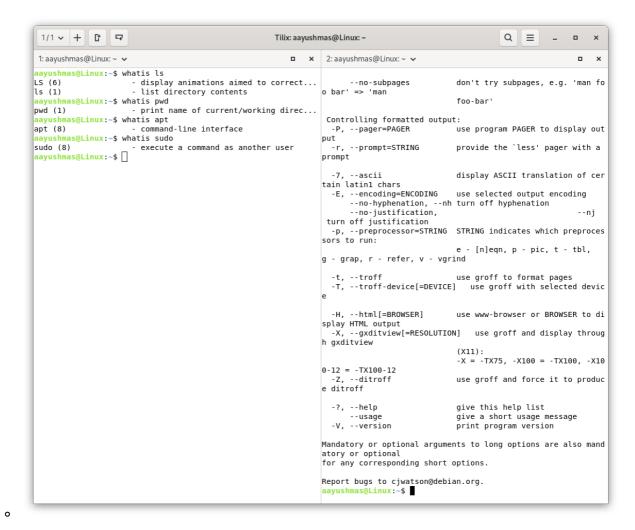- Practice 6

- Practice 7

- Practice 8

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- Practice 9

- Practice 10