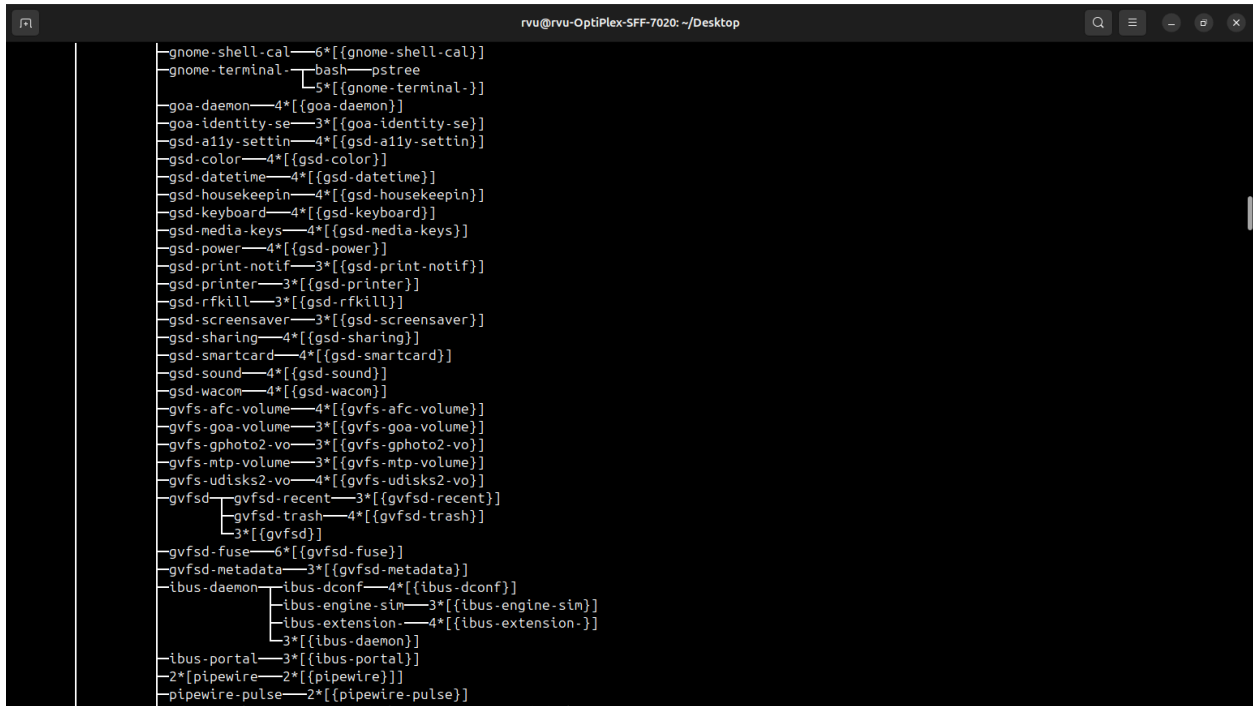


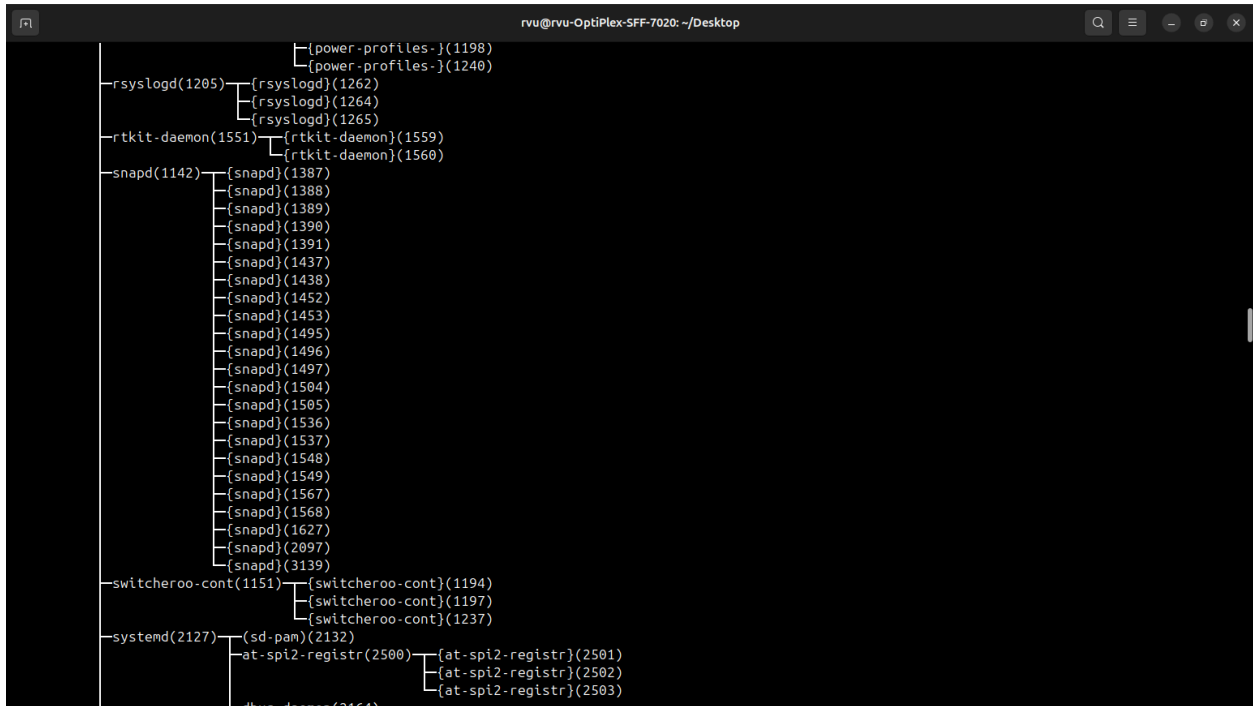
```
(base) rvu@rvu-OptiPlex-SFF-7020:~$ ls
admin_lab      dir                file20.txt        first.c           nano.10558.save   program           see_task.sh.save  test
admin_lab_exam documents          file20.txt.save  home             notes1.txt        project           see_tasks.sh.save  third
admin_log.txt  Documents         file21.txt       HTEAML          notes2.txt        project.txt       snap              todo.txt
anaconda3      Downloads         file2.txt        it_support_task.sh out              remove_words1.txt study             Videos
are            draft1.txt        file2.txt.save   kinthan         p1.c              remove_words.txt studyfolder       'vs code'
are.c          draft2.txt        file30.txt       lab9.sh         p2.sh             RVUN25CSE400    support_lab       XvandaID
ayush          file0.txt         file31.sh        lab.txt         pain.txt          second           swap.c            you
c              file10.txt        file31.txt       logfile.txt     plan.txt          Section          system_admin_task.sh
cleaned_log.txt file1118.txt      file32.txt       log.txt         poem.txt          sectionA         system_admin_task.sh.save
cleaned_task.txt file12.txt        file33.txt       maanas         prg1.c            sectionC         task1.txt
cleaned_text.txt file15.txt        file3.txt        math_copy.txt.save Music            sectionC         task.txt
Desktop        file1.txt         file.txt         nano.10086.save progra,          see_task.sh      Templates
dhruv         file1.txt.save    first

(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd Desktop
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ mkdir Niranjana
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ls
Anaconda3-2024.10-1-Linux-x86_64.sh  dataset_see.      dataset_see.zip  'New Folder 1'  Projects  sruj1.c  test
'C program'                        'dataset_see. (1)' 'New Folder'     Niranjana      Python    sruj2.c  vivaweb.html
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ pwd
/home/rvu/Desktop
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ls -l
total 1094612
-rwxr-xr-x 1 rvu rvu 1102495056 May 14 2025 Anaconda3-2024.10-1-Linux-x86_64.sh
drwxrwxr-x 3 rvu rvu 4096 Oct 29 17:03 'C program'
drwx----- 2 rvu rvu 4096 May 14 2025 dataset_see.
drwx----- 2 rvu rvu 4096 May 14 2025 'dataset_see. (1)'
-rwxr-xr-x 1 rvu rvu 18319848 May 13 2025 dataset_see.zip
drwxrwxr-x 2 rvu rvu 4096 Sep 24 10:49 'New Folder'
drwxrwxr-x 2 rvu rvu 4096 Nov 5 12:54 'New Folder 1'
drwxrwxr-x 2 rvu rvu 4096 Feb 10 19:38 Niranjana
drwxrwxr-x 2 rvu rvu 4096 May 15 2025 Projects
drwxrwxr-x 4 rvu rvu 4096 Oct 14 14:46 Python
-rw-rw-r-- 1 rvu rvu 468 Jun 9 2025 sruj1.c
-rw-rw-r-- 1 rvu rvu 912 Jun 9 2025 sruj2.c
-rwxrwxr-x 1 rvu rvu 16128 Jun 9 2025 test
```

```
rvu@rvu-OptiPlex-SFF-7020: ~/Desktop
-rwxrwxr-x 1 rvu rvu 16128 Jun 9 2025 test
-rw-rw-r-- 1 rvu rvu 1009 Oct 14 15:06 vivaweb.html
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ls -a
.  Anaconda3-2024.10-1-Linux-x86_64.sh  dataset_see.      dataset_see.zip  'New Folder 1'  Projects  sruj1.c  test
.. 'C program'                        'dataset_see. (1)' 'New Folder'     Niranjana      Python    sruj2.c  vivaweb.html
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ nano
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ gcc f1.c -o f1
f1.c:1:2: error: invalid preprocessing directive #include; did you mean #include?
  1 | #include <stdio.h>
    | ^~~~~~
    | include
f1.c:2:10: fatal error: conio.h: No such file or directory
  2 | #include <conio.h>
    | ^~~~~~
compilation terminated.
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ nano f1.c
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ gcc f1.c -o f1
f1.c:2:10: fatal error: conio.h: No such file or directory
  2 | #include <conio.h>
    | ^~~~~~
compilation terminated.
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ nano f1.c
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ gcc f1.c -o f1
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ./f1
Hello World(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ nano f1.c
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep 30
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep 1
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep &
[1] 3612
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep: missing operand
Try 'sleep --help' for more information.
sleep 30 &
[2] 3613
[1] Exit 1 sleep
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep 30&
[3] 3618
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ jobs
```







```
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ps -o pid
PID
3417
3980
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ppid
Command 'ppid' not found, did you mean:
command 'ppmd' from deb python3-ppmd (0.3.3-4build1)
command 'ppdi' from deb cups-ppdc (2.4.7-1.2ubuntu7.9)
command 'ppdi' from deb libppd-utils (2:2.0.0-0ubuntu4.1)
command 'ppic' from deb pineapple-pictures (0.7.0-1)
command 'pppd' from deb ppp (2.4.9-1+1.1ubuntu1)
command 'ppit' from deb libconfig-pit-perl (0.04-3)
Try: sudo apt install <deb name>
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ps -o ppid
PPID
3410
3417
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ps -o cmd
CMD
bash
ps -o cmd
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$
```

```
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ cd Niranjana
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/Niranjana$ nano f2.sh
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/Niranjana$ chmod +x f2.sh
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/Niranjana$ ./f2.sh
parent PID:4223
PID PPID CMD
3417 3410 bash
4223 3417 /bin/bash ./f2.sh
4224 4223 sleep 20
4225 4223 ps -o pid,ppid,cmd
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/Niranjana$
```