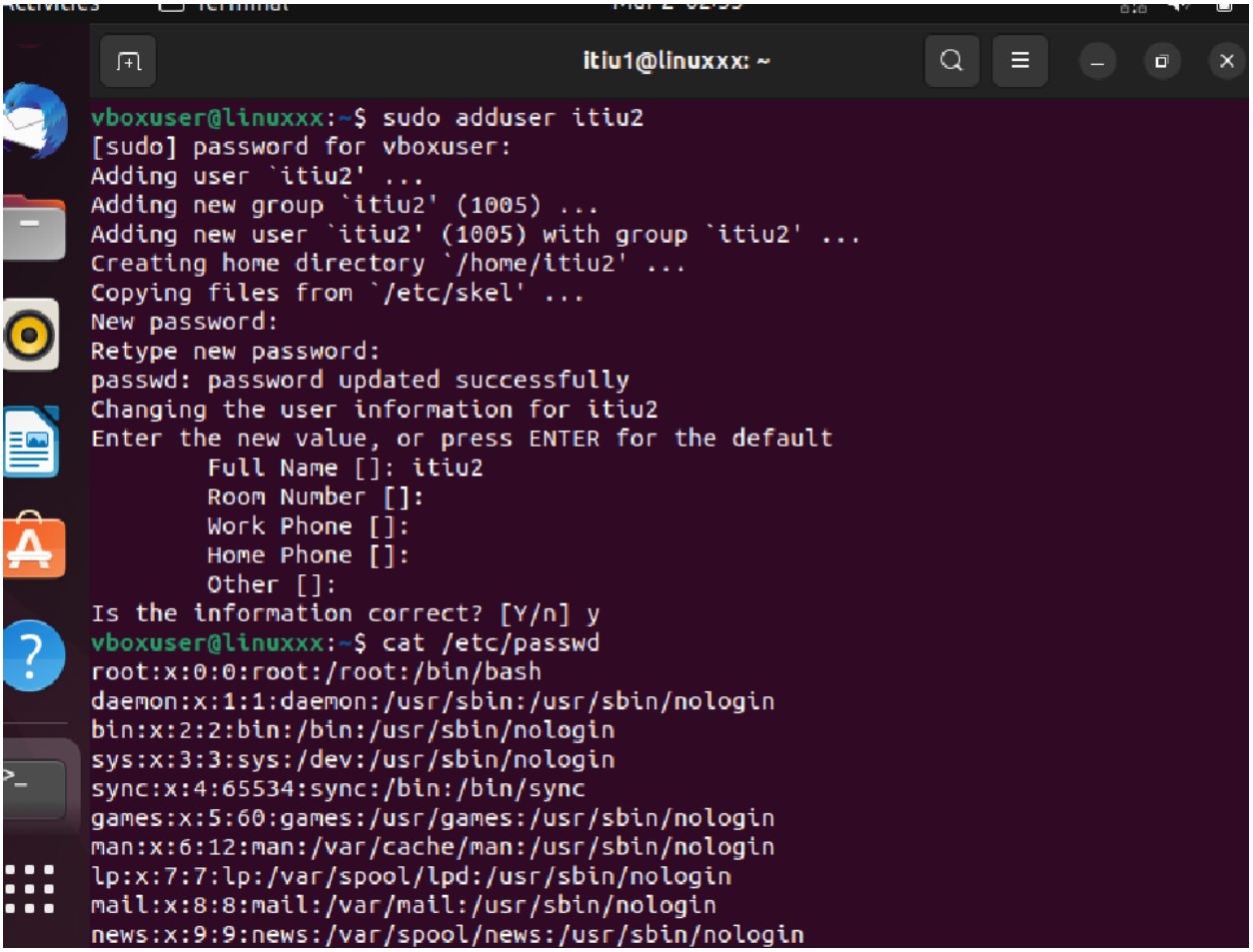
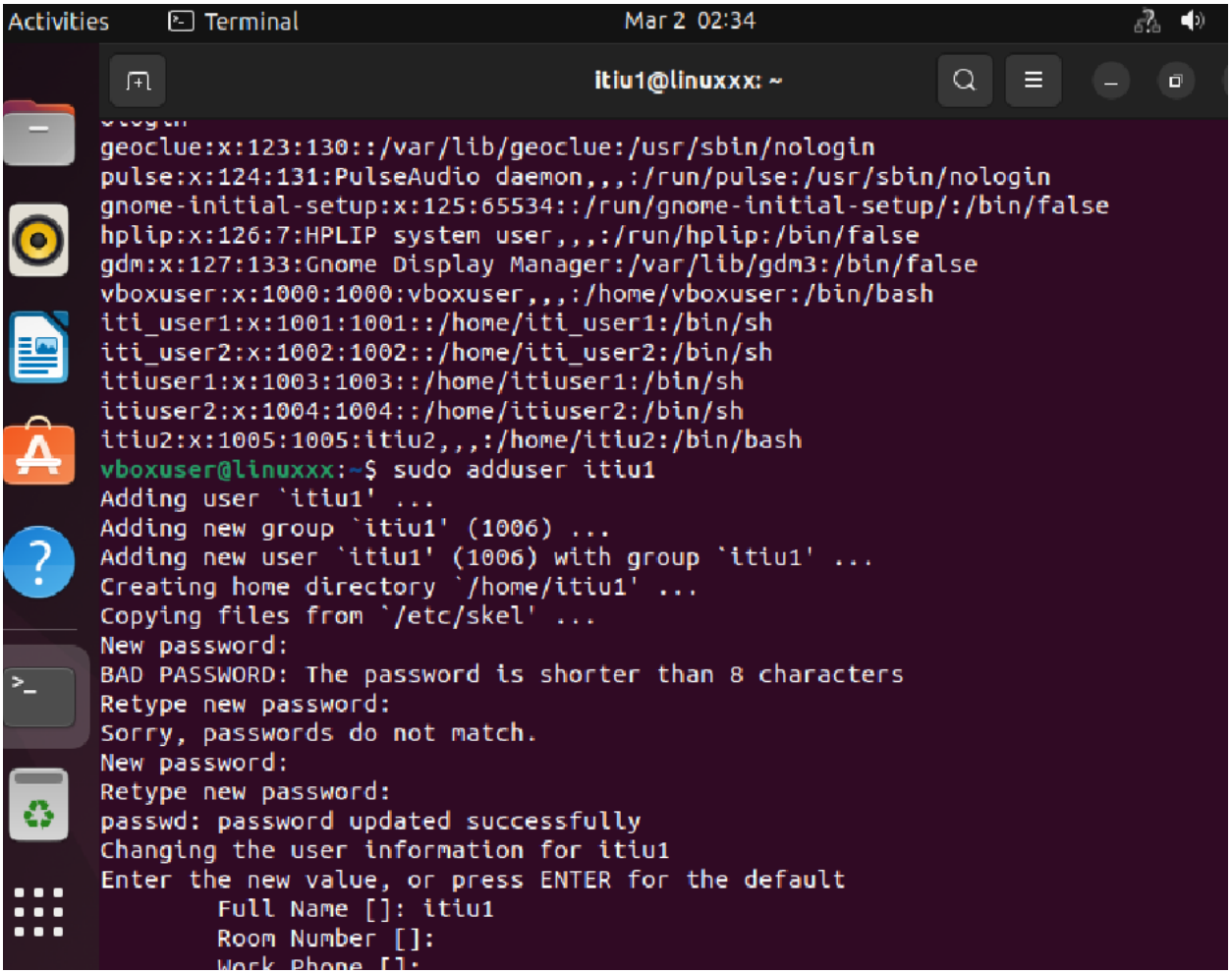
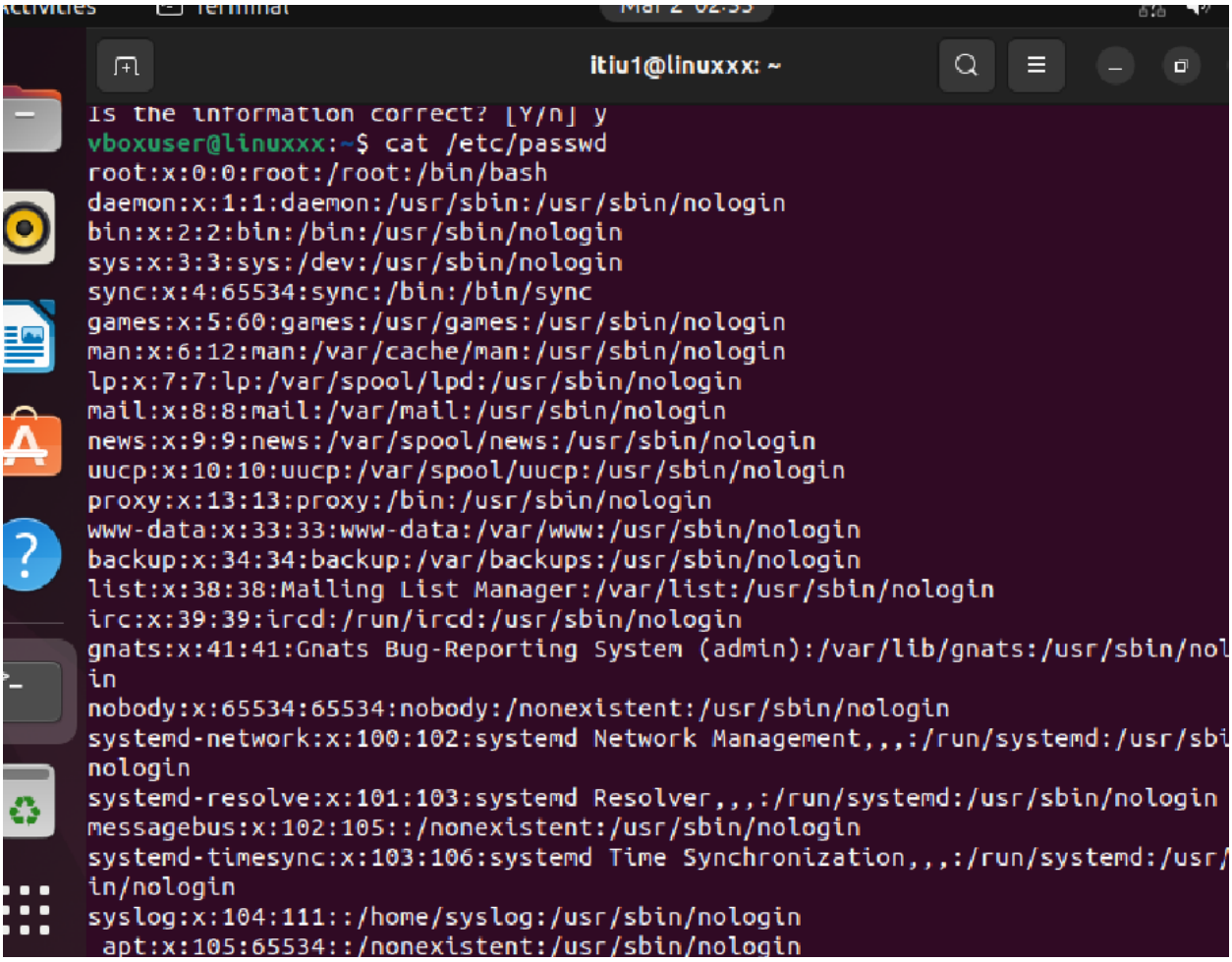
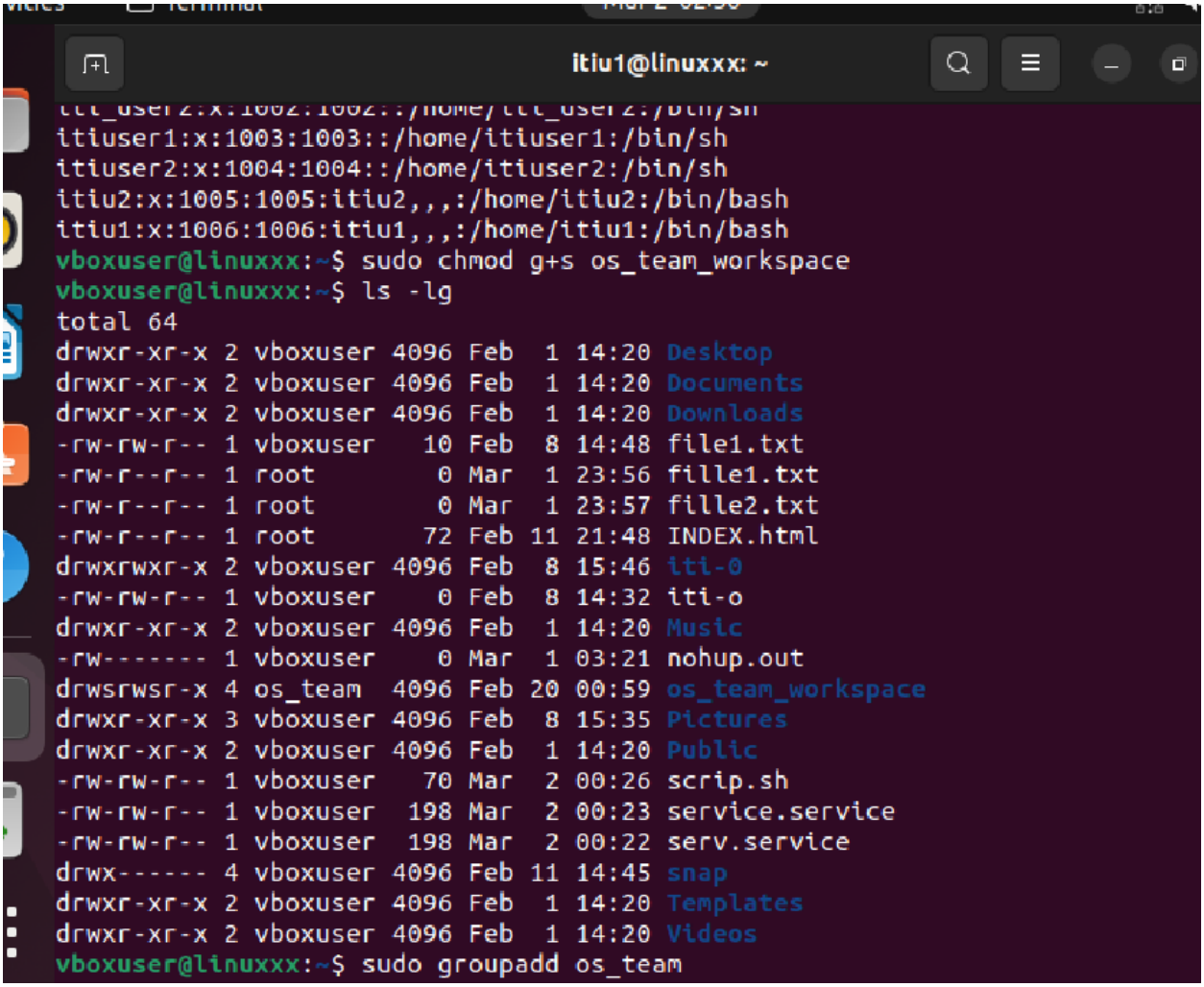
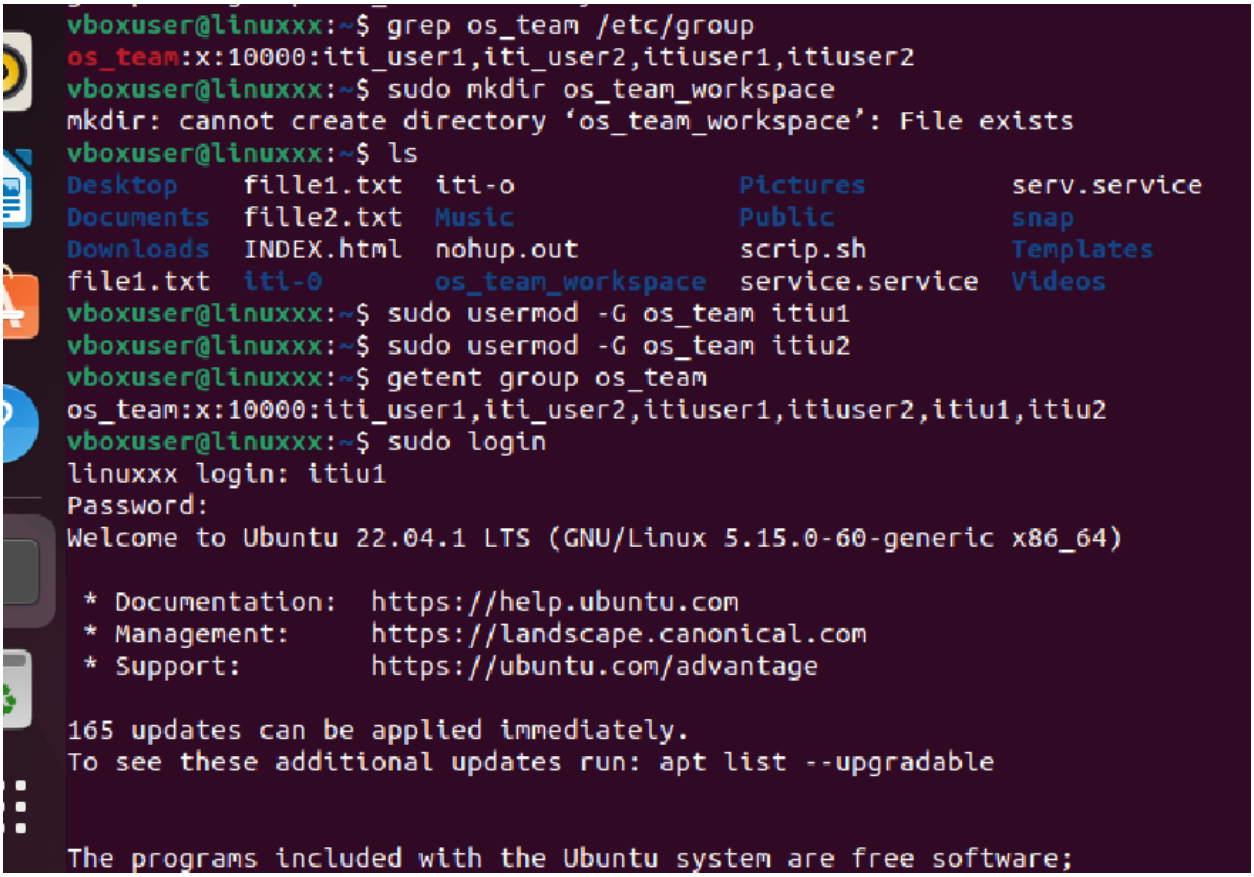
Lab3

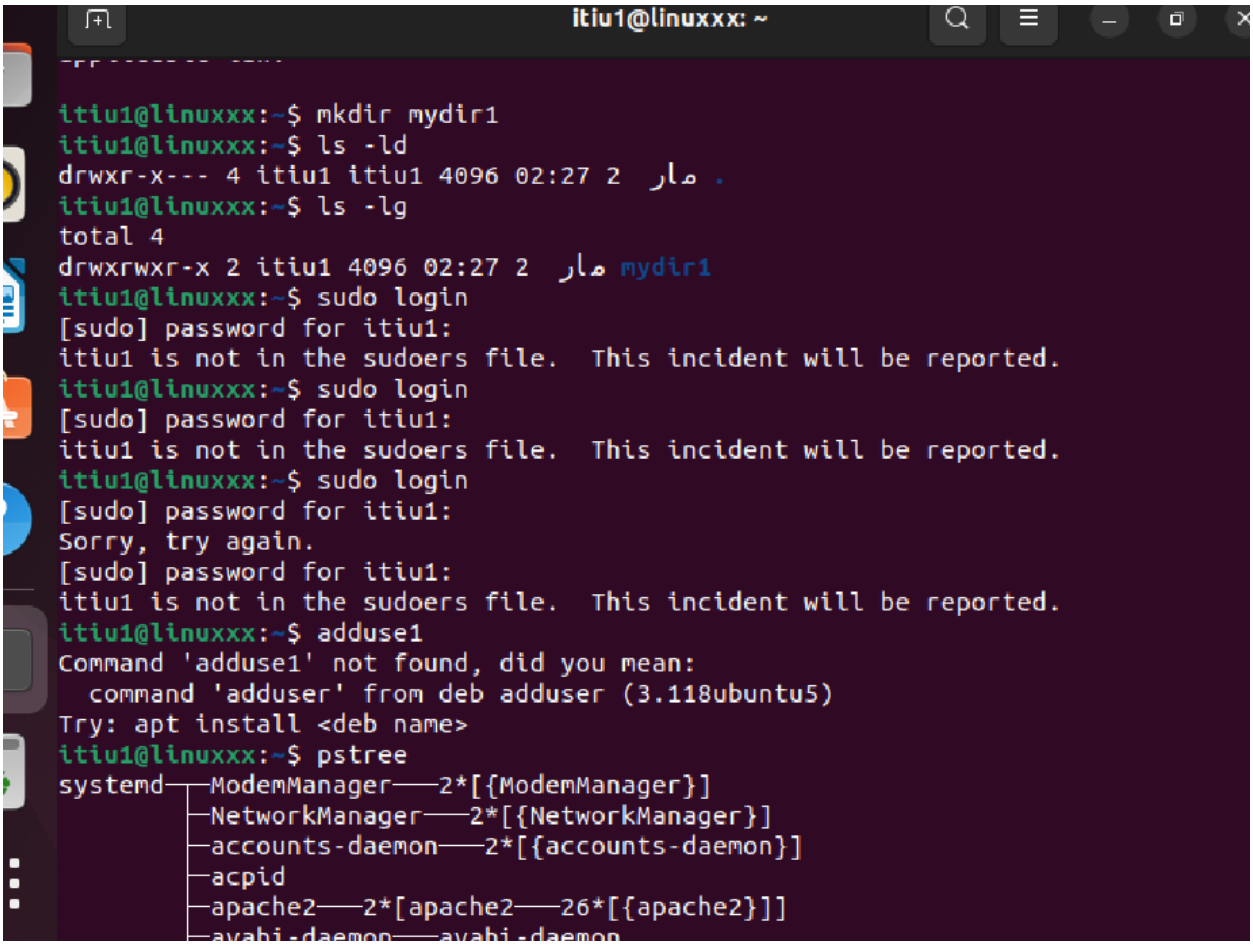

itiu1@linuxxx: ~
vboxuser@linuxxx:~$ sudo adduser itiu2
[sudo] password for vboxuser:
Adding user `itiu2' ...
Adding new group `itiu2' (1005) ...
Adding new user `itiu2' (1005) with group `itiu2' ...
Creating home directory `/home/itiu2' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for itiu2
Enter the new value, or press ENTER for the default
Full Name []: itiu2
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [Y/n] y
vboxuser@linuxxx:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin

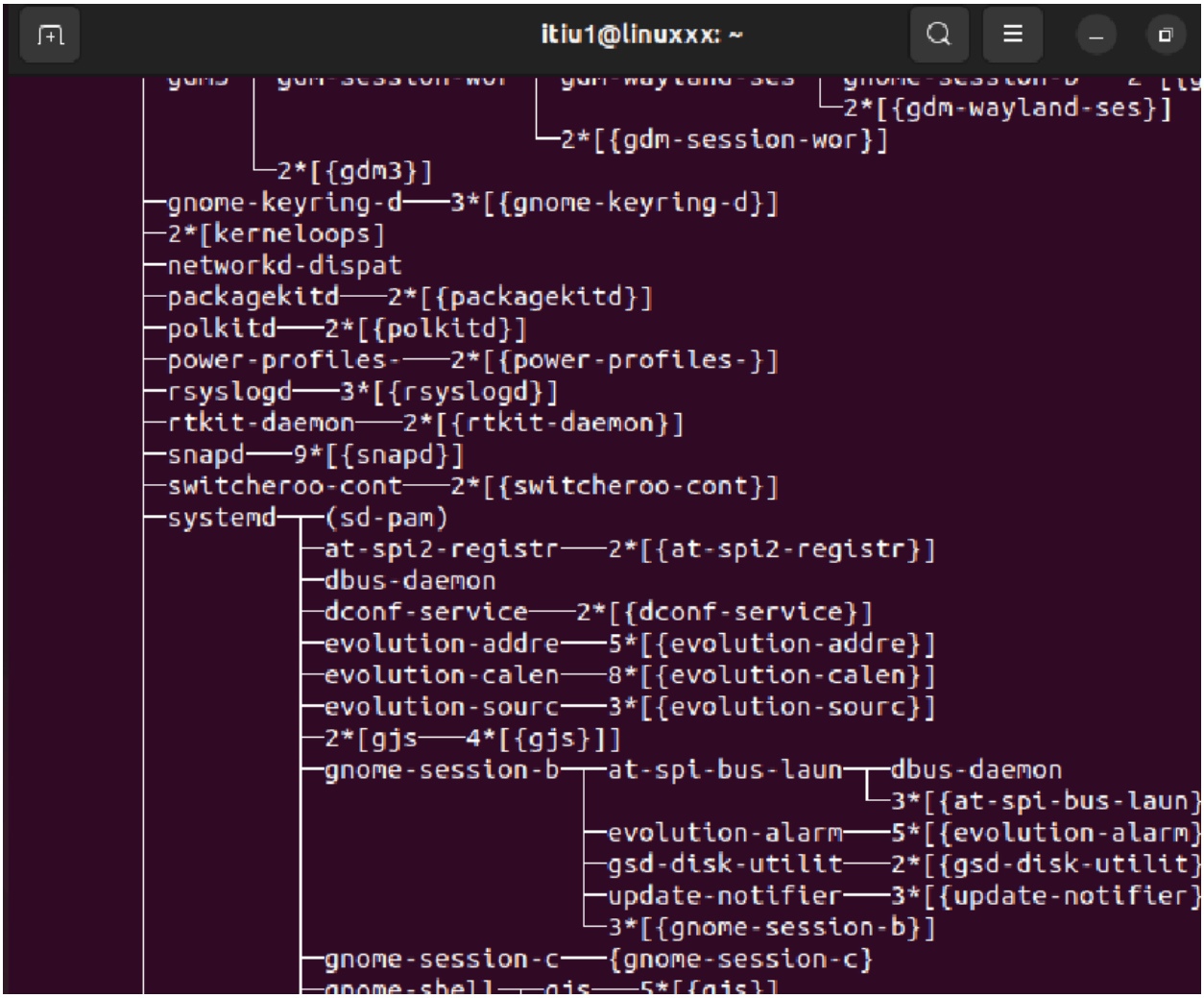

Activities
Terminal
Mar 2 02:34
itiu1@linuxxx: ~
geoclue:x:123:130::/var/lib/geoclue:/usr/sbin/nologin
pulse:x:124:131:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:125:65534::/run/gnome-initial-setup/:/bin/false
hplip:x:126:7:HPLIP system user,,,:/run/hplip:/bin/false
gdm:x:127:133:Gnome Display Manager:/var/lib/gdm3:/bin/false
vboxuser:x:1000:1000:vboxuser,,,:/home/vboxuser:/bin/bash
iti_user1:x:1001:1001::/home/iti_user1:/bin/sh
iti_user2:x:1002:1002::/home/iti_user2:/bin/sh
itiuser1:x:1003:1003::/home/itiuser1:/bin/sh
itiuser2:x:1004:1004::/home/itiuser2:/bin/sh
itiu2:x:1005:1005:itiu2,,,:/home/itiu2:/bin/bash
vboxuser@linuxxx:~$ sudo adduser itiu1
Adding user `itiu1' ...
Adding new group `itiu1' (1006) ...
Adding new user `itiu1' (1006) with group `itiu1' ...
Creating home directory `/home/itiu1' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
Sorry, passwords do not match.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for itiu1
Enter the new value, or press ENTER for the default
Full Name []: itiu1
Room Number []:

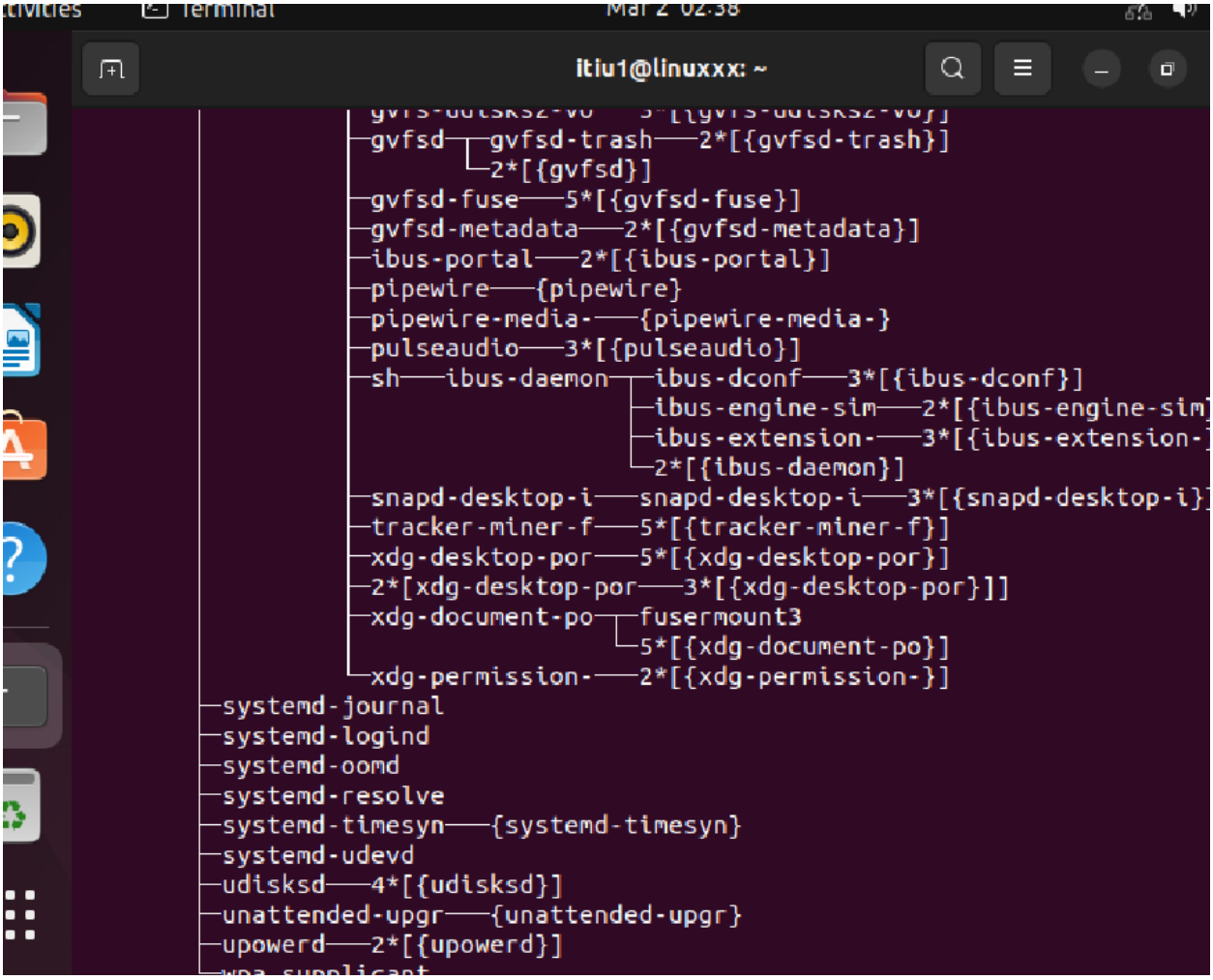

itiu1@linuxxx: ~
Is the information correct? [Y/n] y
vboxuser@linuxxx:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nol
in
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbi
nologin
systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
messagebus:x:102:105::/nonexistent:/usr/sbin/nologin
systemd-timesync:x:103:106:systemd Time Synchronization,,,:/run/systemd:/usr/
in/nologin
syslog:x:104:111::/home/syslog:/usr/sbin/nologin
apt:x:105:65534::/nonexistent:/usr/sbin/nologin

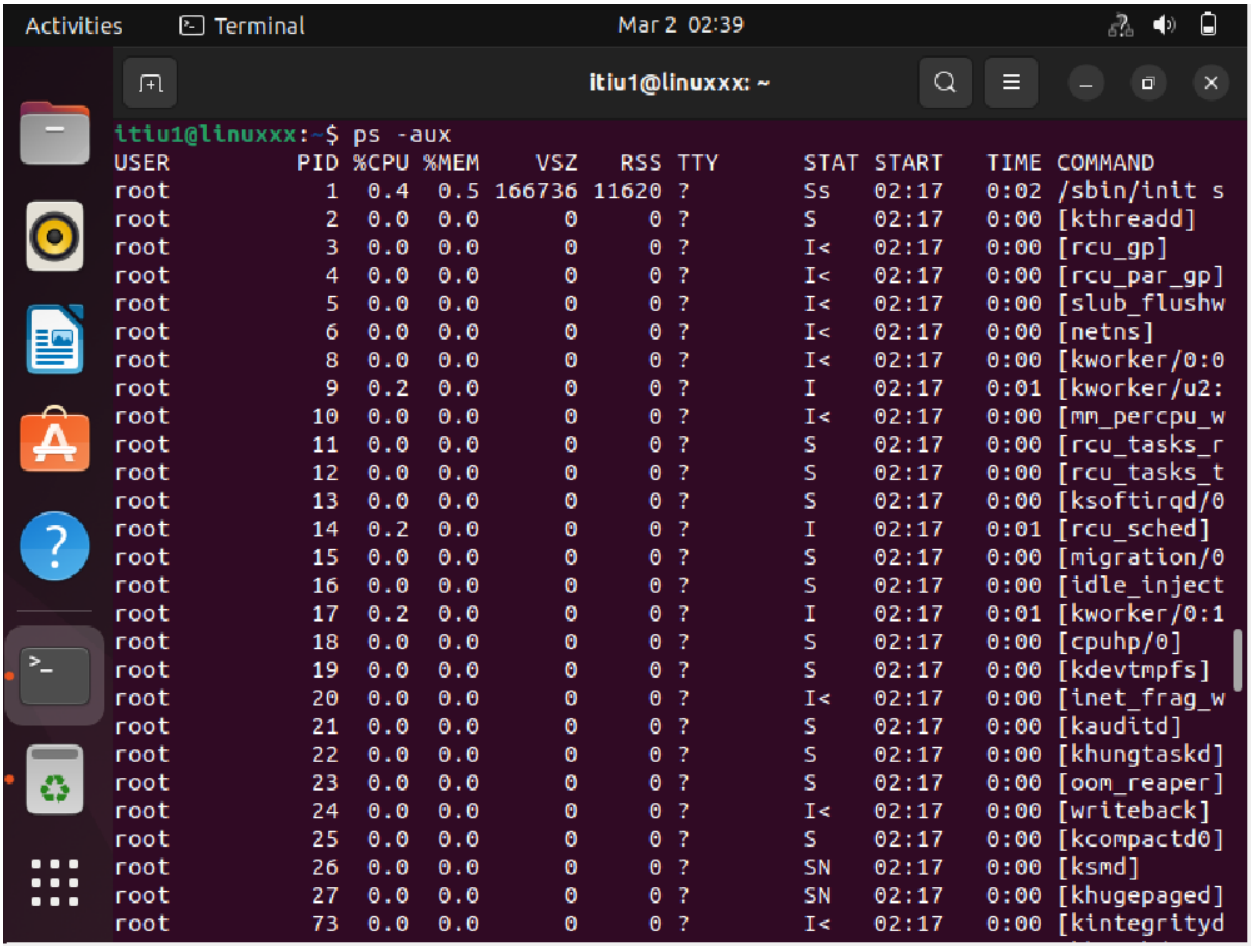

itiu1@linuxxx: ~
itiuser1:x:1003:1003::/home/itiuser1:/bin/sh
itiuser2:x:1004:1004::/home/itiuser2:/bin/sh
itiu2:x:1005:1005:itiu2,,,:/home/itiu2:/bin/bash
itiu1:x:1006:1006:itiu1,,,:/home/itiu1:/bin/bash
vboxuser@linuxxx:~$ sudo chmod g+s os_team_workspace
vboxuser@linuxxx:~$ ls -lg
total 64
drwxr-xr-x 2 vboxuser 4096 Feb 1 14:20 Desktop
drwxr-xr-x 2 vboxuser 4096 Feb 1 14:20 Documents
drwxr-xr-x 2 vboxuser 4096 Feb 1 14:20 Downloads
-rw-rw-r-- 1 vboxuser 10 Feb 8 14:48 file1.txt
-rw-r--r-- 1 root 0 Mar 1 23:56 fille1.txt
-rw-r--r-- 1 root 0 Mar 1 23:57 fille2.txt
-rw-r--r-- 1 root 72 Feb 11 21:48 INDEX.html
drwxrwxr-x 2 vboxuser 4096 Feb 8 15:46 iti-0
-rw-rw-r-- 1 vboxuser 0 Feb 8 14:32 iti-o
drwxr-xr-x 2 vboxuser 4096 Feb 1 14:20 Music
-rw------- 1 vboxuser 0 Mar 1 03:21 nohup.out
drwsrwsr-x 4 os_team 4096 Feb 20 00:59 os_team_workspace
drwxr-xr-x 3 vboxuser 4096 Feb 8 15:35 Pictures
drwxr-xr-x 2 vboxuser 4096 Feb 1 14:20 Public
-rw-rw-r-- 1 vboxuser 70 Mar 2 00:26 scrip.sh
-rw-rw-r-- 1 vboxuser 198 Mar 2 00:23 service.service
-rw-rw-r-- 1 vboxuser 198 Mar 2 00:22 serv.service
drwx------ 4 vboxuser 4096 Feb 11 14:45 snap
drwxr-xr-x 2 vboxuser 4096 Feb 1 14:20 Templates
drwxr-xr-x 2 vboxuser 4096 Feb 1 14:20 Videos
vboxuser@linuxxx:~$ sudo groupadd os_team

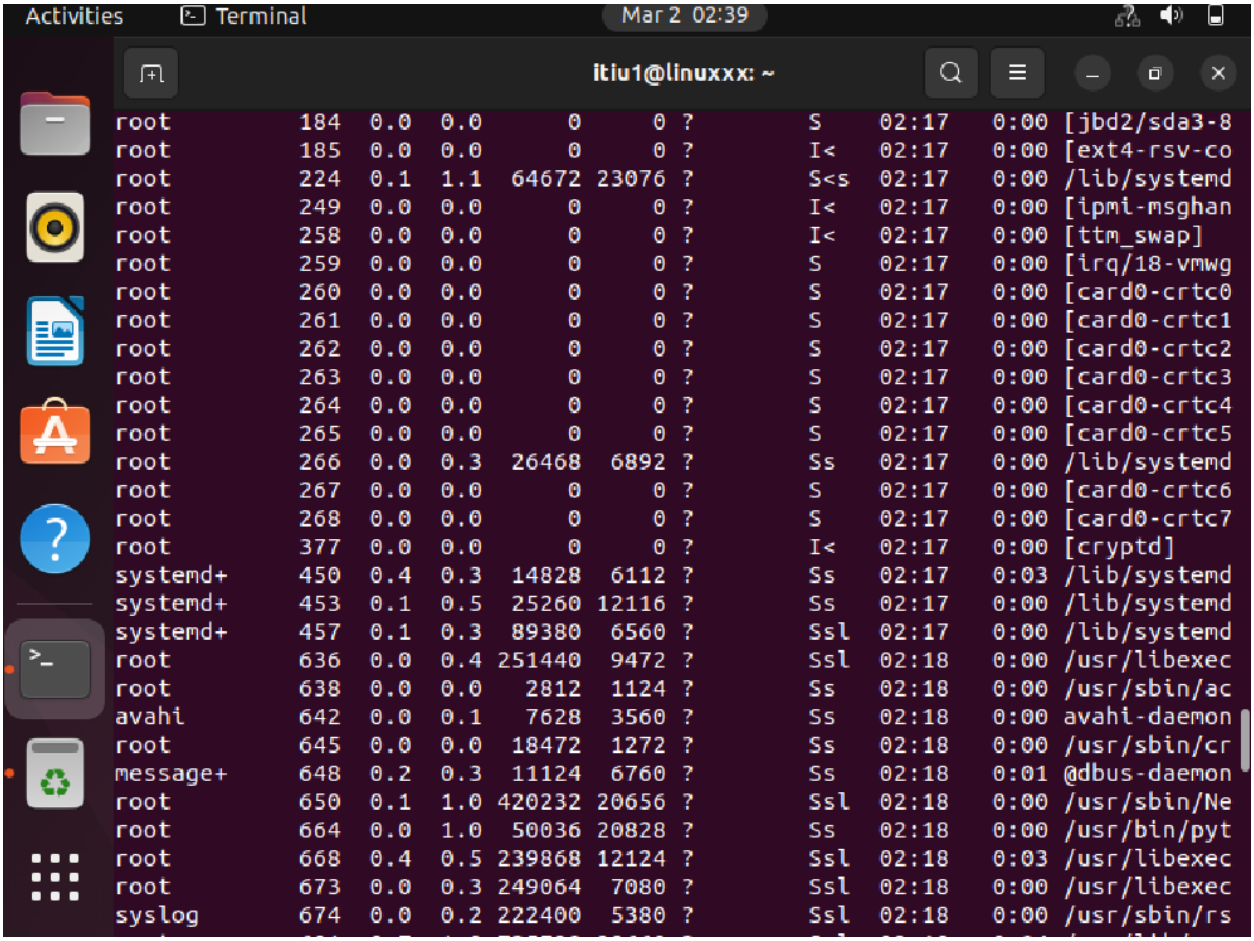

vboxuser@linuxxx:~$ grep os_team /etc/group
os_team:x:10000:iti_user1,iti_user2,itiuser1,itiuser2
vboxuser@linuxxx:~$ sudo mkdir os_team_workspace
mkdir: cannot create directory ‘os_team_workspace’: File exists
vboxuser@linuxxx:~$ ls
Desktop fille1.txt iti-o Pictures serv.service
Documents fille2.txt Music Public snap
Downloads INDEX.html nohup.out scrip.sh Templates
file1.txt iti-0 os_team_workspace service.service Videos
vboxuser@linuxxx:~$ sudo usermod -G os_team itiu1
vboxuser@linuxxx:~$ sudo usermod -G os_team itiu2
vboxuser@linuxxx:~$ getent group os_team
os_team:x:10000:iti_user1,iti_user2,itiuser1,itiuser2,itiu1,itiu2
vboxuser@linuxxx:~$ sudo login
linuxxx login: itiu1
Password:
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-60-generic x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
165 updates can be applied immediately.
To see these additional updates run: apt list --upgradable
The programs included with the Ubuntu system are free software;


itiu1@linuxxx: ~
itiu1@linuxxx:~$ mkdir mydir1
itiu1@linuxxx:~$ ls -ld
drwxr-x--- 4 itiu1 itiu1 4096 02:27 2 مار .
itiu1@linuxxx:~$ ls -lg
total 4
drwxrwxr-x 2 itiu1 4096 02:27 2 مار mydir1
itiu1@linuxxx:~$ sudo login
[sudo] password for itiu1:
itiu1 is not in the sudoers file. This incident will be reported.
itiu1@linuxxx:~$ sudo login
[sudo] password for itiu1:
itiu1 is not in the sudoers file. This incident will be reported.
itiu1@linuxxx:~$ sudo login
[sudo] password for itiu1:
Sorry, try again.
[sudo] password for itiu1:
itiu1 is not in the sudoers file. This incident will be reported.
itiu1@linuxxx:~$ adduse1
Command 'adduse1' not found, did you mean:
command 'adduser' from deb adduser (3.118ubuntu5)
Try: apt install <deb name>
itiu1@linuxxx:~$ pstree
systemd─┬─ModemManager──2*[{ModemManager}]
├─NetworkManager──2*[{NetworkManager}]
├─accounts-daemon──2*[{accounts-daemon}]
├─acpid
├─apache2──2*[apache2──26*[{apache2}]]

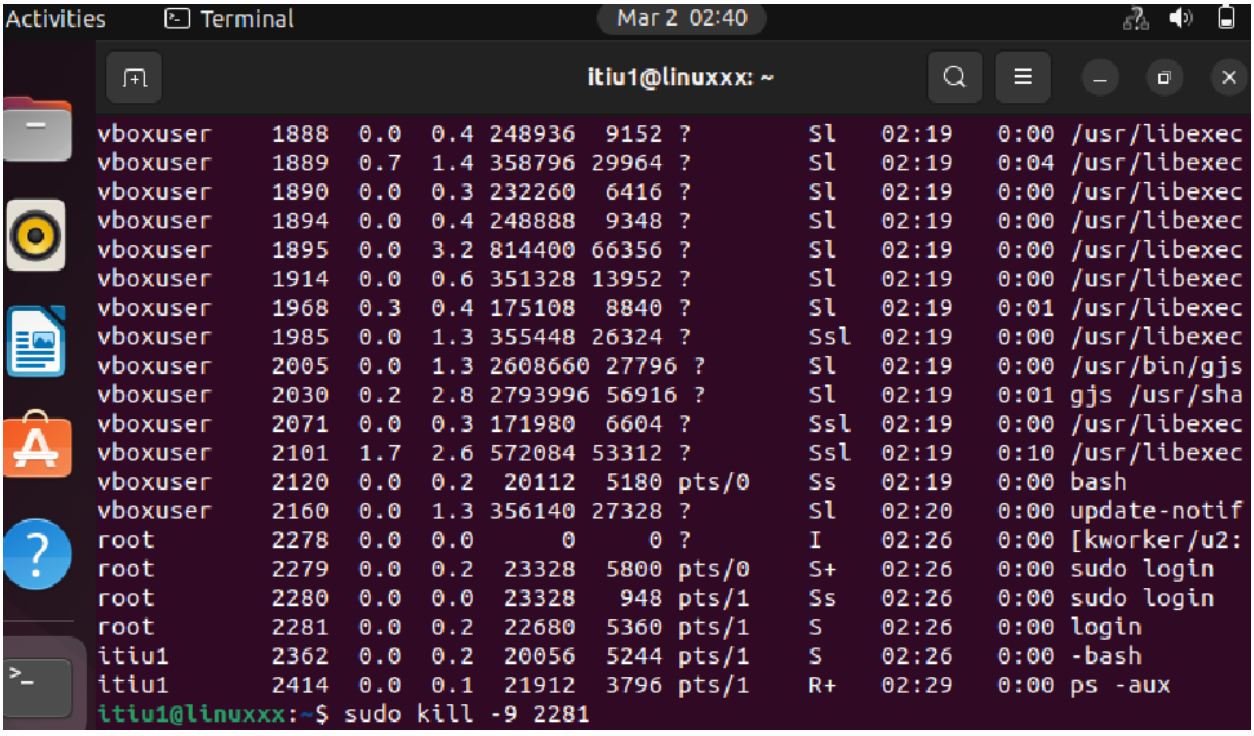

itiu1@linuxxx: ~
2*[{gdm-wayland-ses}]
2*[{gdm-session-wor}]
2*[{gdm3}]
gnome-keyring-d---3*[{gnome-keyring-d}]
2*[kerneloops]
networkd-dispat
packagekitd---2*[{packagekitd}]
polkitd---2*[{polkitd}]
power-profiles-daem---2*[{power-profiles-daem}]
rsyslogd---3*[{rsyslogd}]
rtkit-daemon---2*[{rtkit-daemon}]
snapd---9*[{snapd}]
switcheroo-cont---2*[{switcheroo-cont}]
systemd---(sd-pam)
at-spi2-registr---2*[{at-spi2-registr}]
dbus-daemon
dconf-service---2*[{dconf-service}]
evolution-addre---5*[{evolution-addre}]
evolution-calen---8*[{evolution-calen}]
evolution-sourc---3*[{evolution-sourc}]
2*[gjs---4*[{gjs}]]
gnome-session-b---at-spi-bus-laun---dbus-daemon
3*[{at-spi-bus-laun}]
evolution-alarm---5*[{evolution-alarm}]
gsd-disk-utilit---2*[{gsd-disk-utilit}]
update-notifier---3*[{update-notifier}]
3*[{gnome-session-b}]
gnome-session-c---{gnome-session-c}


Terminal
Mar 2 02:38
itiu1@linuxxx: ~
gvfsd─┬─gvfsd-trash──2*[{gvfsd-trash}]
└─2*[{gvfsd}]
├─gvfsd-fuse──5*[{gvfsd-fuse}]
├─gvfsd-metadata──2*[{gvfsd-metadata}]
├─ibus-portal──2*[{ibus-portal}]
├─pipewire──{pipewire}
├─pipewire-media-──{pipewire-media-}
├─pulseaudio──3*[{pulseaudio}]
├─sh──ibus-daemon─┬─ibus-dconf──3*[{ibus-dconf}]
├─ibus-engine-sim──2*[{ibus-engine-sim
├─ibus-extension-──3*[{ibus-extension-
└─2*[{ibus-daemon}]
├─snapd-desktop-i──snapd-desktop-i──3*[{snapd-desktop-i}
├─tracker-miner-f──5*[{tracker-miner-f}]
├─xdg-desktop-por──5*[{xdg-desktop-por}]
├─2*[xdg-desktop-por──3*[{xdg-desktop-por}]]
├─xdg-document-po─┬─fusermount3
└─5*[{xdg-document-po}]
└─xdg-permission-──2*[{xdg-permission-}]
├─systemd-journal
├─systemd-logind
├─systemd-oomd
├─systemd-resolve
├─systemd-timesyn──{systemd-timesyn}
├─systemd-udevd
├─udisksd──4*[{udisksd}]
├─unattended-upgr──{unattended-upgr}
├─upowerd──2*[{upowerd}]


Activities
Terminal
Mar 2 02:39
itiu1@linuxxx: ~
itiu1@linuxxx:~$ ps -aux
USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND
root 1 0.4 0.5 166736 11620 ? Ss 02:17 0:02 /sbin/init s
root 2 0.0 0.0 0 0 ? S 02:17 0:00 [kthreadd]
root 3 0.0 0.0 0 0 ? I< 02:17 0:00 [rcu_gp]
root 4 0.0 0.0 0 0 ? I< 02:17 0:00 [rcu_par_gp]
root 5 0.0 0.0 0 0 ? I< 02:17 0:00 [slub_flushw
root 6 0.0 0.0 0 0 ? I< 02:17 0:00 [netns]
root 8 0.0 0.0 0 0 ? I< 02:17 0:00 [kworker/0:0
root 9 0.2 0.0 0 0 ? I 02:17 0:01 [kworker/u2:
root 10 0.0 0.0 0 0 ? I< 02:17 0:00 [mm_percpu_w
root 11 0.0 0.0 0 0 ? S 02:17 0:00 [rcu_tasks_r
root 12 0.0 0.0 0 0 ? S 02:17 0:00 [rcu_tasks_t
root 13 0.0 0.0 0 0 ? S 02:17 0:00 [ksoftirqd/0
root 14 0.2 0.0 0 0 ? I 02:17 0:01 [rcu_sched]
root 15 0.0 0.0 0 0 ? S 02:17 0:00 [migration/0
root 16 0.0 0.0 0 0 ? S 02:17 0:00 [idle_inject
root 17 0.2 0.0 0 0 ? I 02:17 0:01 [kworker/0:1
root 18 0.0 0.0 0 0 ? S 02:17 0:00 [cpuhp/0]
root 19 0.0 0.0 0 0 ? S 02:17 0:00 [kdevtmpfs]
root 20 0.0 0.0 0 0 ? I< 02:17 0:00 [inet_frag_w
root 21 0.0 0.0 0 0 ? S 02:17 0:00 [kauditd]
root 22 0.0 0.0 0 0 ? S 02:17 0:00 [khungtaskd]
root 23 0.0 0.0 0 0 ? S 02:17 0:00 [oom_reaper]
root 24 0.0 0.0 0 0 ? I< 02:17 0:00 [writeback]
root 25 0.0 0.0 0 0 ? S 02:17 0:00 [kcompactd0]
root 26 0.0 0.0 0 0 ? SN 02:17 0:00 [ksmd]
root 27 0.0 0.0 0 0 ? SN 02:17 0:00 [khugepaged]
root 73 0.0 0.0 0 0 ? I< 02:17 0:00 [kintegrityd


Activities
Terminal
Mar 2 02:39
itiu1@linuxxx: ~
root 184 0.0 0.0 0 0 ? S 02:17 0:00 [jbd2/sda3-8
root 185 0.0 0.0 0 0 ? I< 02:17 0:00 [ext4-rsv-co
root 224 0.1 1.1 64672 23076 ? S<s 02:17 0:00 /lib/systemd
root 249 0.0 0.0 0 0 ? I< 02:17 0:00 [ipmi-msghan
root 258 0.0 0.0 0 0 ? I< 02:17 0:00 [ttm_swap]
root 259 0.0 0.0 0 0 ? S 02:17 0:00 [irq/18-vmwg
root 260 0.0 0.0 0 0 ? S 02:17 0:00 [card0-crtc0
root 261 0.0 0.0 0 0 ? S 02:17 0:00 [card0-crtc1
root 262 0.0 0.0 0 0 ? S 02:17 0:00 [card0-crtc2
root 263 0.0 0.0 0 0 ? S 02:17 0:00 [card0-crtc3
root 264 0.0 0.0 0 0 ? S 02:17 0:00 [card0-crtc4
root 265 0.0 0.0 0 0 ? S 02:17 0:00 [card0-crtc5
root 266 0.0 0.3 26468 6892 ? Ss 02:17 0:00 /lib/systemd
root 267 0.0 0.0 0 0 ? S 02:17 0:00 [card0-crtc6
root 268 0.0 0.0 0 0 ? S 02:17 0:00 [card0-crtc7
root 377 0.0 0.0 0 0 ? I< 02:17 0:00 [cryptd]
systemd+ 450 0.4 0.3 14828 6112 ? Ss 02:17 0:03 /lib/systemd
systemd+ 453 0.1 0.5 25260 12116 ? Ss 02:17 0:00 /lib/systemd
systemd+ 457 0.1 0.3 89380 6560 ? Ssl 02:17 0:00 /lib/systemd
root 636 0.0 0.4 251440 9472 ? Ssl 02:18 0:00 /usr/libexec
root 638 0.0 0.0 2812 1124 ? Ss 02:18 0:00 /usr/sbin/ac
avahi 642 0.0 0.1 7628 3560 ? Ss 02:18 0:00 avahi-daemon
root 645 0.0 0.0 18472 1272 ? Ss 02:18 0:00 /usr/sbin/cr
message+ 648 0.2 0.3 11124 6760 ? Ss 02:18 0:01 @dbus-daemon
root 650 0.1 1.0 420232 20656 ? Ssl 02:18 0:00 /usr/sbin/Ne
root 664 0.0 1.0 50036 20828 ? Ss 02:18 0:00 /usr/bin/pyt
root 668 0.4 0.5 239868 12124 ? Ssl 02:18 0:03 /usr/libexec
root 673 0.0 0.3 249064 7080 ? Ssl 02:18 0:00 /usr/libexec
syslog 674 0.0 0.2 222400 5380 ? Ssl 02:18 0:00 /usr/sbin/rs

```
vboxuser    1820  0.0  1.1 351560 23308 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1822  0.0  1.3 651976 27068 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1823  0.0  1.2 459648 26020 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1825  0.0  0.5 258828 11336 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1829  0.0  0.3 466828  6684 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1832  0.0  0.3 245260  6548 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1834  0.0  0.6 477848 12520 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1837  0.0  0.5 324344 10348 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1849  0.0  0.5 330900 11288 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1850  0.0  1.1 352116 23836 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    1888  0.0  0.4 248936  9152 ?        Sl   02:19   0:00 /usr/libexec
vboxuser    1889  0.7  1.4 358796 29964 ?        Sl   02:19   0:04 /usr/libexec
vboxuser    1890  0.0  0.3 232260  6416 ?        Sl   02:19   0:00 /usr/libexec
vboxuser    1894  0.0  0.4 248888  9348 ?        Sl   02:19   0:00 /usr/libexec
vboxuser    1895  0.0  3.2 814400 66356 ?        Sl   02:19   0:00 /usr/libexec
vboxuser    1914  0.0  0.6 351328 13952 ?        Sl   02:19   0:00 /usr/libexec
vboxuser    1968  0.3  0.4 175108  8840 ?        Sl   02:19   0:01 /usr/libexec
vboxuser    1985  0.0  1.3 355448 26324 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    2005  0.0  1.3 2608660 27796 ?       Sl   02:19   0:00 /usr/bin/gjs
vboxuser    2030  0.2  2.8 2793996 56916 ?       Sl   02:19   0:01 gjs /usr/sha
vboxuser    2071  0.0  0.3 171980  6604 ?        Ssl  02:19   0:00 /usr/libexec
vboxuser    2101  1.7  2.6 572084 53312 ?        Ssl  02:19   0:10 /usr/libexec
vboxuser    2120  0.0  0.2  20112  5180 pts/0    Ss   02:19   0:00 bash
vboxuser    2160  0.0  1.3 356140 27328 ?        Sl   02:20   0:00 update-notif
root        2278  0.0  0.0      0     0 ?        I    02:26   0:00 [kworker/u2:
root        2279  0.0  0.2  23328  5800 pts/0    S+   02:26   0:00 sudo login
root        2280  0.0  0.0  23328   948 pts/1    Ss   02:26   0:00 sudo login
root        2281  0.0  0.2  22680  5360 pts/1    S    02:26   0:00 login
```



```
Feb 15 07:39:27 radwa-VirtualBox systemd[1]: Started Snap Daemon.
Feb 15 07:39:27 radwa-VirtualBox dbus-daemon[619]: [system] Activating via systemd: service name='org.freedesktop.timedate1' unit='dbus-org
=20189 comm="/usr/lib/snapd/snapd " label="unconfined")
Feb 15 07:39:27 radwa-VirtualBox systemd[1]: Starting Time & Date Service...
Feb 15 07:39:28 radwa-VirtualBox dbus-daemon[619]: [system] Successfully activated service 'org.freedesktop.timedate1'
Feb 15 07:39:28 radwa-VirtualBox systemd[1]: Started Time & Date Service.
Feb 15 07:39:29 radwa-VirtualBox snapd[20189]: storehelpers.go:769: cannot refresh snap "snapd": snap has no updates available
Feb 15 07:39:58 radwa-VirtualBox systemd[1]: systemd-timedated.service: Deactivated successfully.
Feb 15 07:44:06 radwa-VirtualBox systemd[1551]: Started VTE child process 20351 launched by gnome-terminal-server process 2312.
Feb 15 07:49:04 radwa-VirtualBox systemd[1551]: Started VTE child process 20417 launched by gnome-terminal-server process 2312.
Feb 15 07:57:53 radwa-VirtualBox systemd[1551]: vte-spawn-1991fd0b-eadf-4b00-9954-4bfb12bc5c48.scope: Consumed 3.702s CPU time.
Feb 15 08:01:38 radwa-VirtualBox systemd[1551]: Started VTE child process 20453 launched by gnome-terminal-server process 2312.
Killed
```