

Operating System Assignment-01

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sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ man
What manual page do you want?
For example, try 'man man'.
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ man man
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ uname
Linux
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ pwd
/home/sunbeam/Documents/OP SYS practice
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ hostname
sunbeam-Lenovo-B590
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ date
Tuesday 26 December 2023 03:47:15 PM IST
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ cal
December 2023
Su Mo Tu We Th Fr Sa
    1  2
 3  4  5  6  7  8  9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ ls
lsout.txt numbers.txt repeat.txt taste.txt
name.txt numbers.txt1 sorted.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ mc
Command 'mc' not found, but can be installed with:
sudo apt install mc
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ cd
sunbeam@sunbeam-Lenovo-B590:~$ sudo apt install mc
[sudo] password for sunbeam:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libflashrom1 libftdi1-2 libllvm13
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  libssh2-1 mc-data
Suggested packages:
  arj catdvi | texlive-binaries dbview djvulibre-bin epub-utils gv
  imagemagick libaspell-dev links | w3m | lynx odt2txt python python-boto
  python-tzunar wimtools
The following NEW packages will be installed:
  libssh2-1 mc mc-data
0 upgraded, 3 newly installed, 0 to remove and 9 not upgraded.
Need to get 2,084 kB of archives.
After this operation, 8,209 kB of additional disk space will be used.
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Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 libssh2-1 amd64 1.10.0-3 [109
kB]
Get:2 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 mc-data all 3:4.8.27-1 [1,427
kB]
Get:3 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 mc amd64 3:4.8.27-1 [547 kB]
Fetched 2,084 kB in 4s (594 kB/s)
Selecting previously unselected package libssh2-1:amd64.
(Reading database ... 243847 files and directories currently installed.)
Preparing to unpack .../libssh2-1_1.10.0-3_amd64.deb ...
Unpacking libssh2-1:amd64 (1.10.0-3) ...
Selecting previously unselected package mc-data.
Preparing to unpack .../mc-data_3%3a4.8.27-1_all.deb ...
Unpacking mc-data (3:4.8.27-1) ...
Selecting previously unselected package mc.
Preparing to unpack .../mc_3%3a4.8.27-1_amd64.deb ...
Unpacking mc (3:4.8.27-1) ...
Setting up mc-data (3:4.8.27-1) ...
Setting up libssh2-1:amd64 (1.10.0-3) ...
Setting up mc (3:4.8.27-1) ...
update-alternatives: using /usr/bin/mcview to provide /usr/bin/view (view) in
auto mode
Processing triggers for libc-bin (2.35-0ubuntu3.5) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for mailcap (3.70+nmu1ubuntu1) ...
Processing triggers for desktop-file-utils (0.26-1ubuntu3) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1ubuntu3) ...
sunbeam@sunbeam-Lenovo-B590:~$ cat
sunbeam
sunbeam
^C
sunbeam@sunbeam-Lenovo-B590:~$ cat >> sunbeam
.txt
^C
sunbeam@sunbeam-Lenovo-B590:~$ cat >> sunbeam
^C
sunbeam@sunbeam-Lenovo-B590:~$ cat sunbeam.txt
cat: sunbeam.txt: No such file or directory
sunbeam@sunbeam-Lenovo-B590:~$ cat > sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
^C
sunbeam@sunbeam-Lenovo-B590:~$ cat sunbeam.txt
shraddha
sakshi
snehal
siddharth
```

shubham
siddhi
sunbeam@sunbeam-Lenovo-B590:~\$ cat >> sunbeam.txt
sushil^C
sunbeam@sunbeam-Lenovo-B590:~\$
sunbeam@sunbeam-Lenovo-B590:~\$ cat sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sunbeam@sunbeam-Lenovo-B590:~\$ cat >> sunbeam.txt
sk
sushil
^C
sunbeam@sunbeam-Lenovo-B590:~\$ cat sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sunbeam@sunbeam-Lenovo-B590:~\$ cat > dmc
sk
dk
pk
gk
^C
sunbeam@sunbeam-Lenovo-B590:~\$ mv sunbeam.txt
mv: missing destination file operand after 'sunbeam.txt'
Try 'mv --help' for more information.
sunbeam@sunbeam-Lenovo-B590:~\$ mv sunbeam.txt family.txt
sunbeam@sunbeam-Lenovo-B590:~\$ mv family.txt
mv: missing destination file operand after 'family.txt'
Try 'mv --help' for more information.
sunbeam@sunbeam-Lenovo-B590:~\$ cal family.txt
cal: not a valid year family.txt
sunbeam@sunbeam-Lenovo-B590:~\$ cal family.txt
cal: not a valid year family.txt
sunbeam@sunbeam-Lenovo-B590:~\$ mv sunbeam.txt family.txt
mv: cannot stat 'sunbeam.txt': No such file or directory
sunbeam@sunbeam-Lenovo-B590:~\$ cat family.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk

sushil
sunbeam@sunbeam-Lenovo-B590:~\$ cp family.txt sunbeam.txt
sunbeam@sunbeam-Lenovo-B590:~\$ cat sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sunbeam@sunbeam-Lenovo-B590:~\$ cat family.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sunbeam@sunbeam-Lenovo-B590:~\$ tac
sunbeam.txt
^C
sunbeam@sunbeam-Lenovo-B590:~\$ cat family.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sunbeam@sunbeam-Lenovo-B590:~\$ rev sunbeam.txt
ahddarhs
ihskas
lahens
htrahddis
mahbuhs
ihddis
ks
lihsus
sunbeam@sunbeam-Lenovo-B590:~\$ tac sunbeam.txt
sushil
sk
siddhi
shubham
siddharth
snehal
sakshi
shraddha
sunbeam@sunbeam-Lenovo-B590:~\$ tac sunbeam.txt
sushil

sk
siddhi
shubham
siddharth
snehal
sakshi
shraddha
sunbeam@sunbeam-Lenovo-B590:~\$ wc sunbeam.txt
8 8 59 sunbeam.txt
sunbeam@sunbeam-Lenovo-B590:~\$ mkdir DSA OD JAVA ANDROID IOS
sunbeam@sunbeam-Lenovo-B590:~\$ mkdir -p dir1/dir1
sunbeam@sunbeam-Lenovo-B590:~\$ ls
Android dir1 Downloads IOS OD snap
ANDROID dmc DSA JAVA Pictures sunbeam
Desktop Documents family.txt Music Public sunbeam.txt
sunbeam@sunbeam-Lenovo-B590:~\$ cd dmc
bash: cd: dmc: Not a directory
sunbeam@sunbeam-Lenovo-B590:~\$ cd JAVA
sunbeam@sunbeam-Lenovo-B590:~/JAVA\$ LS
LS: command not found
sunbeam@sunbeam-Lenovo-B590:~/JAVA\$ ls
sunbeam@sunbeam-Lenovo-B590:~/JAVA\$ cd -
/home/sunbeam
sunbeam@sunbeam-Lenovo-B590:~\$ rmdir OD
sunbeam@sunbeam-Lenovo-B590:~\$ touch DMC.txt
sunbeam@sunbeam-Lenovo-B590:~\$ cat DMC.txt
sunbeam@sunbeam-Lenovo-B590:~\$ touch > DMC.txt
touch: missing file operand
Try 'touch --help' for more information.
sunbeam@sunbeam-Lenovo-B590:~\$ cat > DMC.txt
^C
sunbeam@sunbeam-Lenovo-B590:~\$ cat DMC.txt
sunbeam@sunbeam-Lenovo-B590:~\$ sort sunbeam.txt
sakshi
shraddha
shubham
siddharth
siddhi
sk
snehal
sushil
sunbeam@sunbeam-Lenovo-B590:~\$ cat >> sunbeam.txt
sk
snehal
^C
sunbeam@sunbeam-Lenovo-B590:~\$ cat sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi

sk
sushil
sk
snehal
sunbeam@sunbeam-Lenovo-B590:~\$ uniq sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sk
snehal
sunbeam@sunbeam-Lenovo-B590:~\$ uniq sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sk
snehal
sunbeam@sunbeam-Lenovo-B590:~\$ cat sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sk
snehal
sunbeam@sunbeam-Lenovo-B590:~\$ cat >> sunbeam.txt
snehal
^C
sunbeam@sunbeam-Lenovo-B590:~\$ cat sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sk
snehal
snehal

```
sunbeam@sunbeam-Lenovo-B590:~$ uniq sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sk
snehal
sunbeam@sunbeam-Lenovo-B590:~$ sort sunbeam.txt
sakshi
shraddha
shubham
siddharth
siddhi
sk
sk
snehal
snehal
snehal
sushil
sunbeam@sunbeam-Lenovo-B590:~$ uniq sunbeam.txt
shraddha
sakshi
snehal
siddharth
shubham
siddhi
sk
sushil
sk
snehal
sunbeam@sunbeam-Lenovo-B590:~$ head -4 sunbeam.txt
shraddha
sakshi
snehal
siddharth
sunbeam@sunbeam-Lenovo-B590:~$ tail -3 sunbeam.txt
sk
snehal
snehal
sunbeam@sunbeam-Lenovo-B590:~$ factor numbers.txt
factor: 'numbers.txt' is not a valid positive integer
sunbeam@sunbeam-Lenovo-B590:~$ factor 100
100: 2 2 5 5
sunbeam@sunbeam-Lenovo-B590:~$ alias
alias alert='notify-send --urgency=low -i "$([ $? = 0 ] && echo terminal || echo error)" "$(history|tail -n1|sed -e '\''s/\s*[0-9]\+\s*//;s/[:&]\s*alert$/\s*\s*\'\'")'
alias egrep='egrep --color=auto'
alias fgrep='fgrep --color=auto'
```

```
alias grep='grep --color=auto'
alias l='ls -CF'
alias la='ls -A'
alias ll='ls -alF'
alias ls='ls --color=auto'
sunbeam@sunbeam-Lenovo-B590:~$ alias sunbeam.txt
bash: alias: sunbeam.txt: not found
sunbeam@sunbeam-Lenovo-B590:~$ unalias
unalias: command not found
sunbeam@sunbeam-Lenovo-B590:~$ unalias
unalias: usage: unalias [-a] name [name ...]
sunbeam@sunbeam-Lenovo-B590:~$ unalias[-sunbeam]
unalias[-sunbeam]: command not found
sunbeam@sunbeam-Lenovo-B590:~$ unalias[-sunbeam.txt]
unalias[-sunbeam.txt]: command not found
sunbeam@sunbeam-Lenovo-B590:~$ alias[-sunbeam.txt]
alias[-sunbeam.txt]: command not found
sunbeam@sunbeam-Lenovo-B590:~$ alias
alias alert='notify-send --urgency=low -i "${[ $? = 0 ]} && echo terminal || echo error)" "$(history|tail -n1|sed -e \"s/^\s*[0-9]\+\s*//;s/[:&|]\s*alert$/\"")'"
alias egrep='egrep --color=auto'
alias fgrep='fgrep --color=auto'
alias grep='grep --color=auto'
alias l='ls -CF'
alias la='ls -A'
alias ll='ls -alF'
alias ls='ls --color=auto'
sunbeam@sunbeam-Lenovo-B590:~$ echo "hello shraddha "
hello shraddha
sunbeam@sunbeam-Lenovo-B590:~$ ps
  PID TTY          TIME CMD
 5038 pts/0    00:00:00 bash
 6822 pts/0    00:00:00 ps
sunbeam@sunbeam-Lenovo-B590:~$ ps -e
  PID TTY          TIME CMD
   1 ?        00:00:03 systemd
   2 ?        00:00:00 kthreadd
   3 ?        00:00:00 rcu_gp
   4 ?        00:00:00 rcu_par_gp
   5 ?        00:00:00 slub_flushwq
   6 ?        00:00:00 netns
   8 ?        00:00:00 kworker/0:0H-events_highpri
  10 ?        00:00:00 mm_percpu_wq
  11 ?        00:00:00 rcu_tasks_kthread
  12 ?        00:00:00 rcu_tasks_rude_kthread
  13 ?        00:00:00 rcu_tasks_trace_kthread
  14 ?        00:00:00 ksoftirqd/0
  15 ?        00:00:04 rcu_preempt
  16 ?        00:00:00 migration/0
  17 ?        00:00:00 idle_inject/0
  19 ?        00:00:00 cpuhp/0
  20 ?        00:00:00 cpuhp/1
```


21 ? 00:00:00 idle_inject/1
22 ? 00:00:00 migration/1
23 ? 00:00:00 ksoftirqd/1
25 ? 00:00:00 kworker/1:0H-events_highpri
26 ? 00:00:00 cpuhp/2
27 ? 00:00:00 idle_inject/2
28 ? 00:00:00 migration/2
29 ? 00:00:00 ksoftirqd/2
31 ? 00:00:00 kworker/2:0H-events_highpri
32 ? 00:00:00 cpuhp/3
33 ? 00:00:00 idle_inject/3
34 ? 00:00:00 migration/3
35 ? 00:00:00 ksoftirqd/3
37 ? 00:00:00 kworker/3:0H-events_highpri
38 ? 00:00:00 kdevtmpfs
39 ? 00:00:00 inet_frag_wq
40 ? 00:00:00 kauditd
41 ? 00:00:00 khungtaskd
43 ? 00:00:00 oom_reaper
45 ? 00:00:00 writeback
46 ? 00:00:00 kcompactd0
47 ? 00:00:00 ksm
49 ? 00:00:00 khugepaged
50 ? 00:00:00 kintegrityd
51 ? 00:00:00 kblockd
52 ? 00:00:00 blkcg_punt_bio
54 ? 00:00:00 tpm_dev_wq
55 ? 00:00:00 ata_sff
56 ? 00:00:00 md
57 ? 00:00:00 edac-poller
58 ? 00:00:00 devfreq_wq
59 ? 00:00:00 watchdogd
60 ? 00:00:00 kworker/2:1H-events_highpri
61 ? 00:00:00 kswapd0
62 ? 00:00:00 ecryptfs-kthread
63 ? 00:00:00 kthrotld
65 ? 00:00:00 acpi_thermal_pm
69 ? 00:00:00 mld
70 ? 00:00:00 ipv6_addrconf
79 ? 00:00:00 kstrp
81 ? 00:00:00 zswap-shrink
82 ? 00:00:06 kworker/u17:0-i915_flip
86 ? 00:00:00 charger_manager
106 ? 00:00:00 kworker/1:1H-kblockd
111 ? 00:00:00 kworker/0:1H-events_highpri
122 ? 00:00:00 kworker/3:1H-events_highpri
141 ? 00:00:00 scsi_eh_0
142 ? 00:00:00 scsi_tmf_0
143 ? 00:00:00 scsi_eh_1
144 ? 00:00:00 scsi_tmf_1
145 ? 00:00:00 scsi_eh_2
146 ? 00:00:00 scsi_tmf_2

147 ?	00:00:00	scsi_eh_3
148 ?	00:00:00	scsi_tmf_3
149 ?	00:00:00	scsi_eh_4
150 ?	00:00:00	scsi_tmf_4
151 ?	00:00:00	scsi_eh_5
152 ?	00:00:00	scsi_tmf_5
161 ?	00:00:00	scsi_eh_6
162 ?	00:00:00	scsi_tmf_6
163 ?	00:00:00	usb-storage
166 ?	00:00:00	uas
196 ?	00:00:00	jbd2/sdb3-8
197 ?	00:00:00	ext4-rsv-conver
236 ?	00:00:01	systemd-journal
261 ?	00:00:00	systemd-udev
342 ?	00:00:00	cfg80211
343 ?	00:00:00	ktpacpid
381 ?	00:00:00	cryptd
391 ?	00:00:00	wl_event_handler
449 ?	00:00:00	card0-crtc0
450 ?	00:00:00	card0-crtc1
451 ?	00:00:00	card0-crtc2
501 ?	00:00:19	systemd-oomd
525 ?	00:00:01	systemd-resolve
526 ?	00:00:00	systemd-timesyn
621 ?	00:00:00	accounts-daemon
622 ?	00:00:00	acpid
625 ?	00:00:00	avahi-daemon
626 ?	00:00:00	bluetoothd
628 ?	00:00:00	cron
629 ?	00:00:02	dbus-daemon
630 ?	00:00:02	NetworkManager
637 ?	00:00:00	irqbalance
639 ?	00:00:00	networkd-dispat
641 ?	00:00:02	polkitd
642 ?	00:00:00	power-profiles-
645 ?	00:00:00	rsyslogd
649 ?	00:00:03	snapd
652 ?	00:00:00	switcheroo-cont
657 ?	00:00:00	systemd-logind
658 ?	00:00:00	thermald
659 ?	00:00:03	udisksd
660 ?	00:00:00	wpa_supplicant
663 ?	00:00:00	avahi-daemon
747 ?	00:00:00	ModemManager
758 ?	00:00:00	unattended-upgr
764 ?	00:00:00	cupsd
785 ?	00:00:00	gdm3
820 ?	00:02:11	mysqld
849 ?	00:00:00	rtkit-daemon
1094 ?	00:00:00	upowerd
1115 ?	00:00:00	packagekitd
1302 ?	00:00:00	colord

1366 ?	00:00:00	cups-browsed
1369 ?	00:00:00	kerneloops
1371 ?	00:00:00	kerneloops
1376 ?	00:00:00	gdm-session-wor
1383 ?	00:00:01	systemd
1384 ?	00:00:00	(sd-pam)
1390 ?	00:00:00	pipewire
1391 ?	00:00:00	pipewire-media-
1392 ?	00:00:00	pulseaudio
1393 ?	00:00:00	snapd-desktop-i
1395 ?	00:00:00	ubuntu-report
1410 ?	00:00:00	gnome-keyring-d
1417 ?	00:00:01	dbus-daemon
1433 ?	00:00:00	gvfsd
1435 ?	00:00:00	xdg-document-po
1441 ?	00:00:00	gvfsd-fuse
1444 ?	00:00:00	xdg-permission-
1457 ?	00:00:00	fusermount3
1471 ?	00:00:20	tracker-miner-f
1473 tty2	00:00:00	gdm-wayland-ses
1478 tty2	00:00:00	gnome-session-b
1523 ?	00:00:00	gnome-session-c
1535 ?	00:00:00	gnome-session-b
1550 ?	00:00:00	at-spi-bus-laun
1557 ?	00:04:02	gnome-shell
1561 ?	00:00:00	dbus-daemon
1590 ?	00:00:01	gvfs-udisks2-vo
1595 ?	00:00:00	gvfs-afc-volume
1600 ?	00:00:00	gvfs-mtp-volume
1610 ?	00:00:00	gvfs-gphoto2-vo
1620 ?	00:00:00	gvfs-goa-volume
1625 ?	00:00:00	goa-daemon
1652 ?	00:00:00	goa-identity-se
1662 ?	00:00:00	snapd-desktop-i
1666 ?	00:00:00	xdg-desktop-por
1670 ?	00:00:00	xdg-desktop-por
1676 ?	00:00:00	gnome-shell-cal
1682 ?	00:00:00	evolution-sourc
1690 ?	00:00:00	evolution-calen
1699 ?	00:00:00	dconf-service
1702 ?	00:00:00	evolution-addre
1717 ?	00:00:15	nautilus
1718 ?	00:00:00	gvfsd-trash
1729 ?	00:00:00	gjs
1731 ?	00:00:00	at-spi2-registr
1742 ?	00:00:00	sh
1743 ?	00:00:00	gsd-a11y-settin
1745 ?	00:00:13	ibus-daemon
1746 ?	00:00:00	gsd-color
1751 ?	00:00:00	gsd-datetime
1754 ?	00:00:00	gsd-housekeepin
1755 ?	00:00:00	gsd-keyboard

```

1756 ?    00:00:00 gsd-media-keys
1757 ?    00:00:00 gsd-power
1760 ?    00:00:00 gsd-print-notif
1764 ?    00:00:00 gsd-rfkill
1766 ?    00:00:00 gsd-screensaver
1777 ?    00:00:00 gsd-sharing
1782 ?    00:00:00 gsd-smartcard
1785 ?    00:00:00 gsd-sound
1789 ?    00:00:00 gsd-wacom
1818 ?    00:00:00 gsd-disk-utilit
1822 ?    00:00:00 gsd-printer
1834 ?    00:00:00 ibus-dconf
1835 ?    00:00:03 ibus-extension-
1842 ?    00:00:00 ibus-portal
1859 ?    00:00:00 evolution-alarm
1916 ?    00:00:04 ibus-engine-sim
1925 ?    00:00:00 xdg-desktop-por
1957 ?    00:00:00 gjs
2013 ?    00:00:00 gvfsd-metadata
2103 ?    00:00:00 update-notifier
2721 ?    00:00:05 Xwayland
2728 ?    00:00:00 gsd-xsettings
2756 ?    00:00:00 ibus-x11
3534 ?    00:00:00 kworker/2:0-events
3842 ?    00:01:03 firefox
4023 ?    00:00:03 Privileged Cont
4051 ?    00:00:00 snap
4252 ?    00:00:00 WebExtensions
4342 ?    00:00:12 Isolated Web Co
4346 ?    00:00:00 Web Content
4358 ?    00:00:00 Web Content
4486 ?    00:00:00 Web Content
4723 ?    00:00:00 kworker/0:0-cgroup_destroy
4731 ?    00:01:11 evince
4738 ?    00:00:00 evinced
5020 ?    00:00:20 gnome-terminal-
5038 pts/0 00:00:00 bash
5684 ?    00:00:00 kworker/0:2-events
5686 ?    00:00:00 kworker/1:3-events
5687 ?    00:00:01 kworker/2:3-events
5688 ?    00:00:00 kworker/3:0-events
5689 ?    00:00:00 irq/27-mei_me
5749 ?    00:00:00 kworker/u17:2-i915_flip
5887 ?    00:00:01 gjs
6572 ?    00:00:00 kworker/u16:0-events_power_efficient
6587 ?    00:00:00 kworker/u16:1-events_power_efficient
6626 ?    00:00:00 kworker/3:2-events
6645 ?    00:00:00 kworker/1:0-cgroup_destroy
6749 ?    00:00:00 kworker/u16:2-events_unbound
6751 ?    00:00:00 kworker/u16:3-events_power_efficient
6823 pts/0 00:00:00 ps
sunbeam@sunbeam-Lenovo-B590:~$ kill

```

```
kill: usage: kill [-s sigspec | -n signum | -sigspec] pid | jobspec ... or kill -l [sigspec]
sunbeam@sunbeam-Lenovo-B590:~$ env
SHELL=/bin/bash
SESSION_MANAGER=local/sunbeam-Lenovo-B590:@/tmp/.ICE-unix/1535,unix/sunbeam-
Lenovo-B590:/tmp/.ICE-unix/1535
QT_ACCESSIBILITY=1
COLORTERM=truecolor
XDG_CONFIG_DIRS=/etc/xdg/xdg-ubuntu:/etc/xdg
SSH_AGENT_LAUNCHER=gnome-keyring
XDG_MENU_PREFIX=gnome-
GNOME_DESKTOP_SESSION_ID=this-is-deprecated
LANGUAGE=en_IN:en
GNOME_SHELL_SESSION_MODE=ubuntu
SSH_AUTH_SOCK=/run/user/1000/keyring/ssh
XMODIFIERS=@im=ibus
DESKTOP_SESSION=ubuntu
GTK_MODULES=gail:atk-bridge
DBUS_STARTER_BUS_TYPE=session
PWD=/home/sunbeam
LOGNAME=sunbeam
XDG_SESSION_DESKTOP=ubuntu
XDG_SESSION_TYPE=wayland
SYSTEMD_EXEC_PID=1535
XAUTHORITY=/run/user/1000/.mutter-Xwaylandauth.SMZ8F2
HOME=/home/sunbeam
USERNAME=sunbeam
IM_CONFIG_PHASE=1
LANG=en_IN
LS_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;3
3;01:or=40;31;01:mi=00:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:*.ta
r=01;31:*.tgz=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.l
zma=01;31:*.tlz=01;31:*.txz=01;31:*.tzo=01;31:*.t7z=01;31:*.zip=01;31:*.z=01;31:*.dz=01;31:*.
gz=01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01;31:*.tzst=01;31:*.bz2=01;31:*.
bz=01;31:*.tbz=01;31:*.tbz2=01;31:*.tz=01;31:*.deb=01;31:*.rpm=01;31:*.jar=01;31:*.war=01;31
:*.ear=01;31:*.sar=01;31:*.rar=01;31:*.alz=01;31:*.ace=01;31:*.zoo=01;31:*.cpio=01;31:*.7z=01;
31:*.rz=01;31:*.cab=01;31:*.wim=01;31:*.swm=01;31:*.dwm=01;31:*.esd=01;31:*.jpg=01;35:*.j
peg=01;35:*.mjpg=01;35:*.mjpeg=01;35:*.gif=01;35:*.bmp=01;35:*.pbm=01;35:*.pgm=01;35:*.p
pm=01;35:*.tga=01;35:*.xbm=01;35:*.xpm=01;35:*.tif=01;35:*.tiff=01;35:*.png=01;35:*.svg=01;
35:*.svgz=01;35:*.mng=01;35:*.pcx=01;35:*.mov=01;35:*.mpg=01;35:*.mpeg=01;35:*.m2v=01;
35:*.mkv=01;35:*.webm=01;35:*.webp=01;35:*.ogm=01;35:*.mp4=01;35:*.m4v=01;35:*.mp4v=
01;35:*.vob=01;35:*.qt=01;35:*.nuv=01;35:*.wmv=01;35:*.asf=01;35:*.rm=01;35:*.rmvb=01;35:
*.flc=01;35:*.avi=01;35:*.fli=01;35:*.flv=01;35:*.gl=01;35:*.dl=01;35:*.xcf=01;35:*.xwd=01;35:
*.yuv=01;35:*.cgm=01;35:*.emf=01;35:*.ogv=01;35:*.ogx=01;35:*.aac=00;36:*.au=00;36:*.flac=
00;36:*.m4a=00;36:*.mid=00;36:*.midi=00;36:*.mka=00;36:*.mp3=00;36:*.mpc=00;36:*.ogg=00
;36:*.ra=00;36:*.wav=00;36:*.oga=00;36:*.opus=00;36:*.spx=00;36:*.xspf=00;36:
XDG_CURRENT_DESKTOP=ubuntu:GNOME
VTE_VERSION=6800
WAYLAND_DISPLAY=wayland-0
GNOME_TERMINAL_SCREEN=/org/gnome/Terminal/screen/
b14ac59b_150c_49d6_828d_50177997d6c7
GNOME_SETUP_DISPLAY=:1
LESSCLOSE=/usr/bin/lesspipe %s %s
```

XDG_SESSION_CLASS=user
TERM=xterm-256color
LESSOPEN=| /usr/bin/lesspipe %s
USER=sunbeam
GNOME_TERMINAL_SERVICE=:1.148
DISPLAY=:0
SHLVL=1
QT_IM_MODULE=ibus
DBUS_STARTER_ADDRESS=unix:path=/run/user/1000/
bus,guid=e47747b1d20f6da3d24a89c2658a8ff9
XDG_RUNTIME_DIR=/run/user/1000
XDG_DATA_DIRS=/usr/share/ubuntu:/usr/local/share:/usr/share:/var/lib/snapd/desktop
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/
bin:/snap/bin
GDMSESSION=ubuntu
DBUS_SESSION_BUS_ADDRESS=unix:path=/run/user/1000/
bus,guid=e47747b1d20f6da3d24a89c2658a8ff9
_=/usr/bin/env
OLDPWD=/home/sunbeam/JAVA
sunbeam@sunbeam-Lenovo-B590:~\$ ps -e