

All command and their output:

```
piyu@piyu-ThinkPad-T14-Gen-1: ~  
piyu@piyu-ThinkPad-T14-Gen-1:~$ pwd  
/home/piyu  
piyu@piyu-ThinkPad-T14-Gen-1:~$ S
```

```
piyu@piyu-ThinkPad-T14-Gen-1: ~/linux_for_devops  
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls  
cd      demo_file.txt  devops_file.txt  Downloads  hello.txt  Music  newfile.txt  Pictures  snap  
cloud  Desktop  Documents  hardlink_file  linux_for_devops  myfile.txt  nohup.out  Public  softli  
piyu@piyu-ThinkPad-T14-Gen-1:~$ pwd  
/home/piyu  
piyu@piyu-ThinkPad-T14-Gen-1:~$ cd linux_for_devops  
piyu@piyu-ThinkPad-T14-Gen-1:~/linux_for_devops$ pwd  
/home/piyu/linux_for_devops  
piyu@piyu-ThinkPad-T14-Gen-1:~/linux_for_devops$
```

```
piyu@piyu-ThinkPad-T14-Gen-1: ~/linux_for_devops  
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls  
cd      demo_file.txt  devops_file.txt  Downloads  hello.txt  Music  newfile.txt  Pictures  snap  
cloud  Desktop  Documents  hardlink_file  linux_for_devops  myfile.txt  nohup.out  Public  softli  
piyu@piyu-ThinkPad-T14-Gen-1:~$ pwd  
/home/piyu  
piyu@piyu-ThinkPad-T14-Gen-1:~$ cd linux_for_devops  
piyu@piyu-ThinkPad-T14-Gen-1:~/linux_for_devops$ pwd  
/home/piyu/linux_for_devops  
piyu@piyu-ThinkPad-T14-Gen-1:~/linux_for_devops$
```

```
piyu@piyu-ThinkPad-T14-Gen-1: /home

piyu@piyu-ThinkPad-T14-Gen-1:/$ pwd
/
piyu@piyu-ThinkPad-T14-Gen-1:/$ cd /etc
piyu@piyu-ThinkPad-T14-Gen-1:/etc$ pwd
/etc
piyu@piyu-ThinkPad-T14-Gen-1:/etc$ cd ..
piyu@piyu-ThinkPad-T14-Gen-1:/$ pwd
/
piyu@piyu-ThinkPad-T14-Gen-1:/$ cd home
piyu@piyu-ThinkPad-T14-Gen-1:/home$ pwd
/home
piyu@piyu-ThinkPad-T14-Gen-1:/home$
```

```
piyu@piyu-ThinkPad-T14-Gen-1: ~/elevate_lab

piyu@piyu-ThinkPad-T14-Gen-1:~$ mkdir elevate_lab
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls
cd      demo_file.txt  devops_file.txt  Downloads      hardlink_file  linux_for_devops  myfile.txt      nohup.out      Publ
cloud   Desktop            Documents        elevate_lab    hello.txt       Music            newfile.txt     Pictures       snap
piyu@piyu-ThinkPad-T14-Gen-1:~$ cd elevate_lab
piyu@piyu-ThinkPad-T14-Gen-1:~/elevate_lab$ ls
piyu@piyu-ThinkPad-T14-Gen-1:~/elevate_lab$ touch file1
piyu@piyu-ThinkPad-T14-Gen-1:~/elevate_lab$ ls
file1
piyu@piyu-ThinkPad-T14-Gen-1:~/elevate_lab$ touch file2
piyu@piyu-ThinkPad-T14-Gen-1:~/elevate_lab$ touch file3
piyu@piyu-ThinkPad-T14-Gen-1:~/elevate_lab$ ls
file1 file2 file3
piyu@piyu-ThinkPad-T14-Gen-1:~/elevate_lab$
```

```
piyu@piyu-ThinkPad-T14-Gen-1: ~

piyu@piyu-ThinkPad-T14-Gen-1:~$ vi file1
piyu@piyu-ThinkPad-T14-Gen-1:~$ cat file1
Hi!
My name is Payal
I am currntly pursuing degree in computer engineering from JSCOE hadapsar
i interested in devops and cloud

piyu@piyu-ThinkPad-T14-Gen-1:~$ nano file1
piyu@piyu-ThinkPad-T14-Gen-1:~$ less file1
piyu@piyu-ThinkPad-T14-Gen-1:~$
```

```

piyu@piyu-ThinkPad-T14-Gen-1:~$ ls-l
ls-l: command not found
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls -l
total 88
-rw-rw-r-- 1 piyu piyu  0 Jan  5 10:33 cd
drwxrwxr-x 2 piyu piyu 4096 Jan  6 12:59 cloud
-rw-rw-r-- 1 piyu piyu  53 Jan  6 20:52 demo_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Desktop
lrwxrwxrwx 1 piyu piyu  49 Jan  6 17:42 devops_file.txt -> /home/piyu/linux_for_devops/cloud/devops_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Documents
drwxr-xr-x 2 piyu piyu 4096 Jan 15 13:58 Downloads
-rw-rw-r-- 1 piyu piyu  1 Jan 15 14:57 file
-rw-rw-r-- 1 piyu piyu 133 Jan 15 15:00 file1
-rw-rw-r-- 1 piyu piyu  13 Jan  6 18:09 hardlink_file
-rw-rw-r-- 1 piyu piyu  7 Jan 15 14:44 hello.txt
-rw-rw-r-- 1 piyu piyu  56 Jan 15 14:55 hell.txt
drwxrwxr-x 3 piyu piyu 4096 Jan  6 12:59 linux_for_devops
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Music
-rw-rw-r-- 1 piyu piyu  17 Jan  6 12:39 myfile.txt
-rw-rw-r-- 1 piyu piyu  0 Jan  6 12:28 newfile.txt
-rw-r--r-- 1 piyu piyu 599 Jan  6 21:19 nohup.out
drwxr-xr-x 3 piyu piyu 4096 Jan  7 17:39 Pictures
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Public
drwx----- 5 piyu piyu 4096 Jan  4 03:13 snap
lrwxrwxrwx 1 piyu piyu  49 Jan  6 17:59 softlink_file -> /home/piyu/linux_for_devops/cloud/devops_file.txt
drwxrwxr-x 2 piyu piyu 4096 Jan  3 22:03 sort
drwxrwxr-x 2 piyu piyu 4096 Jan  3 22:08 stack
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Templates
-rw-rw-r-- 1 piyu piyu  38 Jan  3 21:57 text
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Videos
piyu@piyu-ThinkPad-T14-Gen-1:~$

```

```

total 88
-rw-rw-r-- 1 piyu piyu  0 Jan  5 10:33 cd
drwxrwxr-x 2 piyu piyu 4096 Jan  6 12:59 cloud
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drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Desktop
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drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Documents
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-rw-rw-r-- 1 piyu piyu  1 Jan 15 14:57 file
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drwxr-xr-x 3 piyu piyu 4096 Jan  7 17:39 Pictures
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Public
drwx----- 5 piyu piyu 4096 Jan  4 03:13 snap
lrwxrwxrwx 1 piyu piyu  49 Jan  6 17:59 softlink_file -> /home/piyu/linux_for_devops/cloud/devops_file.txt
drwxrwxr-x 2 piyu piyu 4096 Jan  3 22:03 sort
drwxrwxr-x 2 piyu piyu 4096 Jan  3 22:08 stack
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Templates
-rw-rw-r-- 1 piyu piyu  38 Jan  3 21:57 text
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Videos
piyu@piyu-ThinkPad-T14-Gen-1:~$ chmod u+x file.txt
chmod: cannot access 'file.txt': No such file or directory
piyu@piyu-ThinkPad-T14-Gen-1:~$ chmod u+x file1
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls -l
total 88
-rw-rw-r-- 1 piyu piyu  0 Jan  5 10:33 cd
drwxrwxr-x 2 piyu piyu 4096 Jan  6 12:59 cloud
-rw-rw-r-- 1 piyu piyu  53 Jan  6 20:52 demo_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Desktop
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drwxr-xr-x 2 piyu piyu 4096 Jan 15 13:58 Downloads
-rw-rw-r-- 1 piyu piyu  1 Jan 15 14:57 file
-rwxrwxr-- 1 piyu piyu 133 Jan 15 15:00 file1
-rw-rw-r-- 1 piyu piyu  13 Jan  6 18:09 hardlink_file
-rw-rw-r-- 1 piyu piyu  7 Jan 15 14:44 hello.txt
-rw-rw-r-- 1 piyu piyu  56 Jan 15 14:55 hell.txt
drwxrwxr-x 3 piyu piyu 4096 Jan  6 12:59 linux_for_devops

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```

piyu@piyu-ThinkPad-T14-Gen-1:~$ ls -l
total 88
-rw-rw-r-- 1 piyu piyu  0 Jan  5 10:33 cd
drwxrwxr-x 2 piyu piyu 4096 Jan  6 12:59 cloud
-rw-rw-r-- 1 piyu piyu  53 Jan  6 20:52 demo_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Desktop
lrwxrwxrwx 1 piyu piyu  49 Jan  6 17:42 devops_file.txt -> /home/piyu/linux_for_devops/cloud/devops_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Documents
drwxr-xr-x 2 piyu piyu 4096 Jan 15 13:58 Downloads
-rw-rw-r-- 1 piyu piyu  1 Jan 15 14:57 file
-rwxr--r-- 1 piyu piyu 133 Jan 15 15:00 file1
-rw-rw-r-- 1 piyu piyu  13 Jan  6 18:09 hardlink_file
-rw-rw-r-- 1 piyu piyu  7 Jan 15 14:44 hello.txt
-rw-rw-r-- 1 piyu piyu  56 Jan 15 14:55 hell.txt
drwxrwxr-x 3 piyu piyu 4096 Jan  6 12:59 linux_for_devops
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Music
-rw-rw-r-- 1 piyu piyu  17 Jan  6 12:39 myfile.txt
-rw-rw-r-- 1 piyu piyu  0 Jan  6 12:28 newfile.txt
-rw-r--r-- 1 piyu piyu 599 Jan  6 21:19 nohup.out
drwxr-xr-x 3 piyu piyu 4096 Jan  7 17:39 Pictures
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Public
drwx----- 5 piyu piyu 4096 Jan  4 03:13 snap
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drwxrwxr-x 2 piyu piyu 4096 Jan  3 22:03 sort
drwxrwxr-x 2 piyu piyu 4096 Jan  3 22:08 stack
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Templates
-rw-rw-r-- 1 piyu piyu  38 Jan  3 21:57 text
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Videos
piyu@piyu-ThinkPad-T14-Gen-1:~$

```

```

piyu@piyu-ThinkPad-T14-Gen-1:~$ chmod o-w file1
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls -l
total 88
-rw-rw-r-- 1 piyu piyu  0 Jan  5 10:33 cd
drwxrwxr-x 2 piyu piyu 4096 Jan  6 12:59 cloud
-rw-rw-r-- 1 piyu piyu  53 Jan  6 20:52 demo_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Desktop
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-rwxr--r-- 1 piyu piyu 133 Jan 15 15:00 file1
-rw-rw-r-- 1 piyu piyu  13 Jan  6 18:09 hardlink_file
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drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Videos
piyu@piyu-ThinkPad-T14-Gen-1:~$ chmod u=rwx,g=r,o=r file1
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls -l
total 88
-rwxrwxr-x 1 piyu piyu  0 Jan  5 10:33 cd
drwxrwxr-x 2 piyu piyu 4096 Jan  6 12:59 cloud
-rw-rw-r-- 1 piyu piyu  53 Jan  6 20:52 demo_file.txt
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-rwxrwxr-x 1 piyu piyu 133 Jan 15 15:00 file1
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-rw-rw-r-- 1 piyu piyu  38 Jan  3 21:57 text
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Videos
piyu@piyu-ThinkPad-T14-Gen-1:~$

```



```

piyu@piyu-ThinkPad-T14-Gen-1:~$ chmod 755 file1
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls
cd          file          myfile.txt    sort
cloud       file1          newfile.txt  stack
demo_file.txt  hardlink_file  nohup.out    Templates
Desktop      hello.txt       Pictures      text
devops_file.txt  hell.txt       Public        Videos
Documents    linux_for_devops  snap
Downloads    Music           softlink_file
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls -l
ls-l: command not found
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls -l
total 88
-rw-rw-r-- 1 piyu piyu   0 Jan  5 10:33 cd
drwxrwxr-x 2 piyu piyu 4096 Jan  6 12:59 cloud
-rw-rw-r-- 1 piyu piyu  53 Jan  6 20:52 demo_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Desktop
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drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Documents
drwxr-xr-x 2 piyu piyu 4096 Jan 15 13:58 Downloads
-rw-rw-r-- 1 piyu piyu   1 Jan 15 14:57 file
-rwxr-xr-x 1 piyu piyu 133 Jan 15 15:00 file1
-rw-rw-r-- 1 piyu piyu  13 Jan  6 18:09 hardlink_file
-rw-rw-r-- 1 piyu piyu   7 Jan 15 14:44 hello.txt
-rw-rw-r-- 1 piyu piyu  56 Jan 15 14:55 hell.txt
drwxrwxr-x 3 piyu piyu 4096 Jan  6 12:59 linux_for_devops
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Music
-rw-rw-r-- 1 piyu piyu  17 Jan  6 12:39 myfile.txt
-rw-rw-r-- 1 piyu piyu   0 Jan  6 12:28 newfile.txt
-rw-r----- 1 piyu piyu 599 Jan  6 21:19 nohup.out
drwxr-xr-x 3 piyu piyu 4096 Jan  7 17:39 Pictures
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Public
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drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Videos

```

```

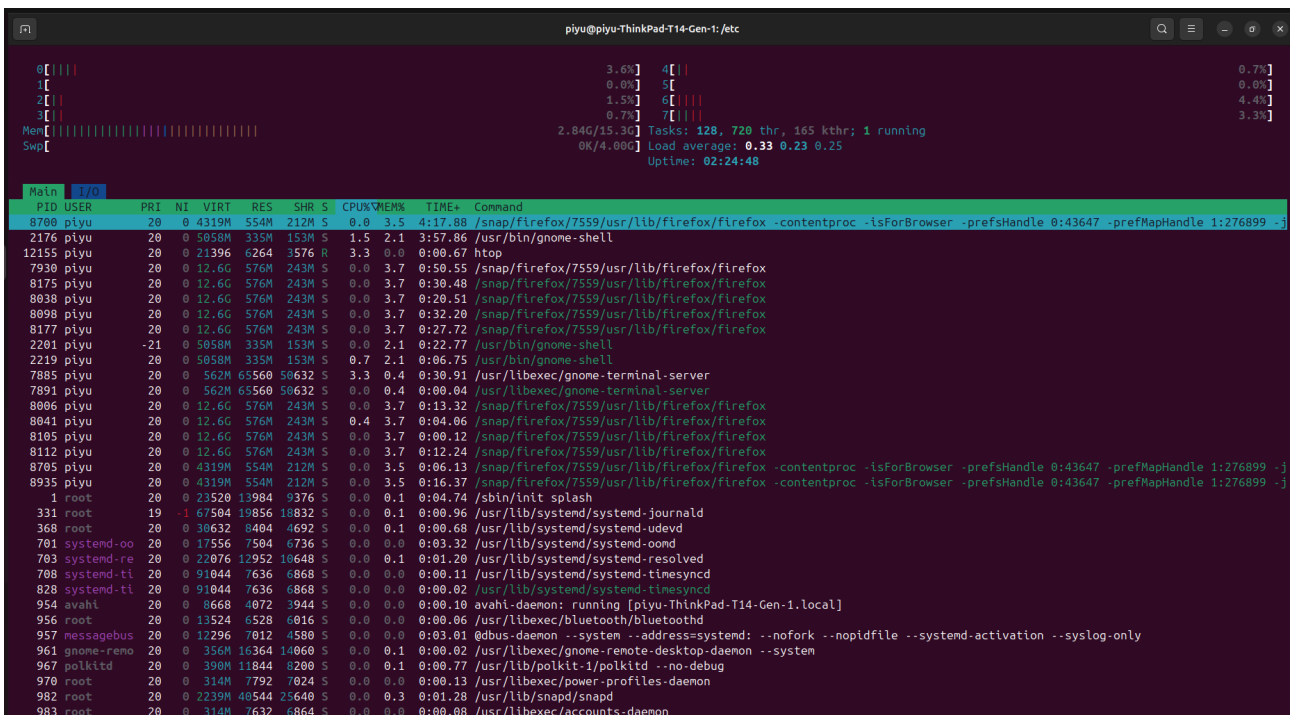
piyu@piyu-ThinkPad-T14-Gen-1:~$ sudo chown root file
[sudo] password for piyu:
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls -l
total 88
-rw-rw-r-- 1 piyu piyu   0 Jan  5 10:33 cd
drwxrwxr-x 2 piyu piyu 4096 Jan  6 12:59 cloud
-rw-rw-r-- 1 piyu piyu  53 Jan  6 20:52 demo_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Desktop
lrwxrwxrwx 1 piyu piyu  49 Jan  6 17:42 devops_file.txt -> /home/piyu/linux_for_devops/cloud/devops_file.txt
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Documents
drwxr-xr-x 2 piyu piyu 4096 Jan 15 13:58 Downloads
-rw-rw-r-- 1 root piyu   1 Jan 15 14:57 file
-rwxr-xr-x 1 piyu piyu 133 Jan 15 15:00 file1
-rw-rw-r-- 1 piyu piyu  13 Jan  6 18:09 hardlink_file
-rw-rw-r-- 1 piyu piyu   7 Jan 15 14:44 hello.txt
-rw-rw-r-- 1 piyu piyu  56 Jan 15 14:55 hell.txt
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drwxrwxr-x 2 piyu piyu 4096 Jan  3 22:08 stack
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Templates
-rw-rw-r-- 1 piyu piyu  38 Jan  3 21:57 text
drwxr-xr-x 2 piyu piyu 4096 Jan  4 02:52 Videos

```

```

piyu@piyu-ThinkPad-T14-Gen-1:~$ touch /etc/test.txt
touch: cannot touch '/etc/test.txt': Permission denied
piyu@piyu-ThinkPad-T14-Gen-1:~$ sudo touch /etc/test.txt
piyu@piyu-ThinkPad-T14-Gen-1:~$ cd /etc
bash: cd: /etc: No such file or directory
piyu@piyu-ThinkPad-T14-Gen-1:~$ cd /etc
piyu@piyu-ThinkPad-T14-Gen-1:~$ ls
adduser.conf      credstore.encrypted  firebird           hosts              libnl-3            network            pulse              skel
alsa              cron.d               fonts              hosts.allow        libpaper.d          networkd-dispatcher python3            snmp
alternatives     cron.daily           fstab              hosts.deny          libreoffice         NetworkManager    python3.12         speech-dispatcher
anacrontab       cron.hourly          fuse.conf          hp                 locale.alias        Networks          rc0.d              ssh
apg.conf         cron.monthly         fwupd              ifplugd            locale.conf         newt              rc1.d              ssl
apn              cron.monthly         gai.conf           init               locale.gen          nftables.conf     rc2.d              sssd
apparmor         cron.weekly          gdb                initramfs-tools    localtime           nsswitch.conf     rc3.d              subgid
apparmor.d       cron.yearly          gdm3              inputrc            login.defs          openvpn           rc4.d              subuid
apport           cups                 geoclue            inserv.conf.d      logrotate.conf     os-release        rc5.d              sudo.conf
apt              dbus-1               ghostscript        lpp-usb            logrotate.d         PackageKit        rc6.d              sudoers
avahi            dconf                glvnd              lproute2           ls-lan              pam.conf          resolv.conf        sudoers.d
bash.bashrc      debconf.conf         gnome              issue              machine-id          papersize         rpm                sudo_logsrvd.conf
bash_completion  debconf.conf         gnome-remote-desktop  kernel             magic               passwd            rsyslog.conf      supercat
bindresvport.blacklist  debuginfo          gnutls             java-21-openjdk    magic.mime          passwd            rsyslog.d          sysctl.conf
binfmt.d         debuginfo          groff              kernel             manpath.config     perl              sane.d             sysstat
bluetooth        depmod.d            group              krb5.conf.d        mdadm               psmisc            security           systemd
brlapi.key       dhcpcd.conf         grub.d            ld.so.cache        modprobe.d          psmisc            selinux            terminfo
brltty           dhcpcd.conf         grub.d            ld.so.conf          modprobe.d          pm                sensors3.conf      test.txt
ca-certificates  dictionaries-common  gss                ld.so.conf.d        modules             pnm2ppa.conf     sensors.d          thermald
cloud            e2scrub.conf        gtk-2.0            legal              modules-load.d      polkit-1          services           timezone
colord           emacs               gtk-3.0            libao.conf          ntp                  ppp               sgml               tnpfiles.d
console-setup    environment          hdparm.conf        libaudit.conf       nanorc              profile           shadow             ubuntu-advantage
cracklib         environment.d        host.conf           libblockdev          netconfig           profile.d          shadow-shells      ucf.conf
credstore        ethtypes            hostname           libibverbs.d        netplan             protocols         shells              udev
piyu@piyu-ThinkPad-T14-Gen-1:~$ cat test.txt

```



```

piyu@piyu-ThinkPad-T14-Gen-1:/etc$ top
top - 15:49:58 up 2:22, 1 user, load average: 0.23, 0.20, 0.24
Tasks: 287 total, 1 running, 286 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.4 us, 0.3 sy, 0.0 ni, 99.3 id, 0.0 wa, 0.0 hi, 0.0
MiB Mem : 15618.7 total, 10435.1 free, 2917.9 used, 2782.6 buf
MiB Swap: 4096.0 total, 4096.0 free, 0.0 used, 12700.8 ava

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM
 9314 piyu       20   0 4134808 610584 117960 S   2.4   3.8
2176 piyu       20   0 5155564 336488 151584 S   0.8   2.1
2352 piyu       20   0 397508   11792  6792 S   0.8   0.1
7930 piyu       20   0 12.7g 590032 249164 S   0.8   3.7
11064 root        20   0      0      0      0 I   0.8   0.0
  1 root        20   0 23520 13984  9376 S   0.0   0.1
  2 root        20   0      0      0      0 S   0.0   0.0
  3 root        20   0      0      0      0 S   0.0   0.0
  4 root         0 -20      0      0      0 I   0.0   0.0
  5 root         0 -20      0      0      0 I   0.0   0.0
  6 root         0 -20      0      0      0 I   0.0   0.0
  7 root         0 -20      0      0      0 I   0.0   0.0
  9 root         0 -20      0      0      0 I   0.0   0.0
12 root         0 -20      0      0      0 I   0.0   0.0
piyu@piyu-ThinkPad-T14-Gen-1:/etc$ htop
Command 'htop' not found, but can be installed with:
sudo snap install htop # version 3.4.1, or
sudo apt install htop # version 3.2.2-2
See 'snap info htop' for additional versions.
piyu@piyu-ThinkPad-T14-Gen-1:/etc$ sudo apt install htop
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  lm-sensors
The following NEW packages will be installed:
  htop
0 upgraded, 1 newly installed, 0 to remove and 416 not upgraded.
Need to get 171 kB of archives.
After this operation, 434 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble/main amd64 htop amd64 3.3.0-4build1 [171 kB]
Fetched 171 kB in 1s (118 kB/s)
Selecting previously unselected package htop.
(Reading database ... 16640 files and directories currently install

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12 root         0 -20      0      0      0 I   0.0   0.0
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Get:1 http://archive.ubuntu.com/ubuntu noble/main amd64 htop amd64 3.3.0-4build1 [171 kB]
Fetched 171 kB in 1s (118 kB/s)
Selecting previously unselected package htop.
(Reading database ... 161049 files and directories currently install
ed.)
Preparing to unpack .../htop_3.3.0-4build1_amd64.deb ...
Unpacking htop (3.3.0-4build1) ...
Setting up htop (3.3.0-4build1) ...
Processing triggers for desktop-file-utils (0.27-2build1) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1ubuntu3) ...
Processing triggers for man-db (2.12.0-4build2) ...
piyu@piyu-ThinkPad-T14-Gen-1:/etc$ htop
piyu@piyu-ThinkPad-T14-Gen-1:/etc$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs           1.6G  2.3M  1.6G   1% /run
/dev/nvme0n1p5 323G  13G  294G   5% /
tmpfs           7.7G   0  7.7G   0% /dev/shm
tmpfs           5.0M  8.0K  5.0M   1% /run/lock
efivarfs        246K  62K  180K  26% /sys/firmware/efi/efivars
/dev/nvme0n1p1  96M  38M   59M  39% /boot/efi
tmpfs           1.6G 144K  1.6G   1% /run/user/1000
piyu@piyu-ThinkPad-T14-Gen-1:/etc$ free -m
              total        used        free      shared  buff/cache   available
Mem:         15618         2880        10284         492        2928        12738
Swap:         4095           0         4095

```