

```
Activities Terminal Sep 13 16:41
ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~$ pwd
/home/ubuntu
ubuntu@ubuntu:~$ mkdir rahul
ubuntu@ubuntu:~$ ls
4b.html Desktop Downloads pg3.html pg4.html pg5.html pgm2.html Public rahulgn Templates
8p.php Documents Music pg4a.html pg5.css pg8.php Pictures rahul snap Videos
ubuntu@ubuntu:~$ ls -a
. .config pg3.html .profile .thunderbird
.. Desktop pg4a.html Public .vboxclient-clipboard.pid
4b.html Documents pg4.html rahul .vboxclient-display-svga-x11.pid
8p.php Downloads pg5.css rahulgn .vboxclient-draganddrop.pid
.bash_history .gnupg pg5.html snap .vboxclient-seamless.pid
.bash_logout .local pg8.php .ssh Videos
.bashrc .mozilla pgm2.html .sudo_as_admin_successful
.cache Music Pictures Templates
ubuntu@ubuntu:~$ ls -l
total 76
-rw-rw-r-- 1 ubuntu ubuntu 336 Jan 27 2021 4b.html
-rw-rw-r-- 1 ubuntu ubuntu 909 Jan 26 2021 8p.php
drwxr-xr-x 3 ubuntu ubuntu 4096 Jan 26 2021 Desktop
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Documents
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Downloads
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Music
-rw-rw-r-- 1 ubuntu ubuntu 741 Jan 26 2021 pg3.html
-rw-rw-r-- 1 ubuntu ubuntu 348 Jan 26 2021 pg4a.html
-rw-rw-r-- 1 ubuntu ubuntu 395 Jan 26 2021 pg4.html
-rw-rw-r-- 1 ubuntu ubuntu 187 Jan 26 2021 pg5.css
-rw-rw-r-- 1 ubuntu ubuntu 214 Jan 26 2021 pg5.html
-rw-rw-r-- 1 ubuntu ubuntu 0 Jan 26 2021 pg8.php
-rw-rw-r-- 1 ubuntu ubuntu 399 Jan 26 2021 pgm2.html
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Pictures
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Public
drwxrwxr-x 2 ubuntu ubuntu 4096 Sep 13 12:29 rahul
drwxrwxr-x 2 ubuntu ubuntu 4096 Sep 13 12:19 rahulgn
drwxr-xr-x 3 ubuntu ubuntu 4096 Jan 26 2021 snap
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Templates
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Videos
ubuntu@ubuntu:~$ rmdir rahulgn
rmdir: failed to remove 'rahulgn': No such file or directory

Activities Terminal Sep 13 16:42
ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~/rahul$ rmdir -P rahul
rmdir: invalid option -- 'P'
Try 'rmdir --help' for more information.
ubuntu@ubuntu:~/rahul$ rm -r
rm: missing operand
Try 'rm --help' for more information.
ubuntu@ubuntu:~/rahul$ rm -r rahul
rm: cannot remove 'rahul': No such file or directory
ubuntu@ubuntu:~/rahul$ rm -r rahulgn
rm: cannot remove 'rahulgn': No such file or directory
ubuntu@ubuntu:~/rahul$ rm -r rahul.java
ubuntu@ubuntu:~/rahul$ ls
ubuntu@ubuntu:~/rahul$ gedit rahul.txt
ubuntu@ubuntu:~/rahul$ ls
rahul.txt
ubuntu@ubuntu:~/rahul$ rmdir -p rahul.txt
rmdir: failed to remove 'rahul.txt': Not a directory
ubuntu@ubuntu:~/rahul$ rmdir -p rahul
rmdir: failed to remove 'rahul': No such file or directory
ubuntu@ubuntu:~/rahul$ df
Filesystem 1K-blocks Used Available Use% Mounted on
udev 1588420 0 1588420 0% /dev
tmpfs 323520 1404 322116 1% /run
/dev/sda5 50354712 10653432 37113632 23% /
tmpfs 1617588 0 1617588 0% /dev/shm
tmpfs 5120 4 5116 1% /run/lock
tmpfs 1617588 0 1617588 0% /sys/fs/cgroup
/dev/loop3 224256 224256 0 100% /snap/gnome-3-34-1804/66
/dev/loop1 56832 56832 0 100% /snap/core18/1944
/dev/loop6 66432 66432 0 100% /snap/gtk-common-themes/1514
/dev/loop7 52352 52352 0 100% /snap/snap-store/518
/dev/loop9 31872 31872 0 100% /snap/snapd/10707
/dev/sda1 523248 4 523244 1% /boot/efi
/dev/loop10 33152 33152 0 100% /snap/snapd/12883
/dev/loop8 56832 56832 0 100% /snap/core18/2128
/dev/loop0 52224 52224 0 100% /snap/snap-store/547
/dev/loop11 66688 66688 0 100% /snap/gtk-common-themes/1515
tmpfs 323516 44 323472 1% /run/user/1000
/dev/loop4 56832 56832 0 100% /snap/snap-store/547
```

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Activities Terminal ▾ Sep 13 16:43 ubuntu@ubuntu: ~/rahul

/dev/loop3 224256 224256 0 100% /snap/gnome-3-34-1804/66
/dev/loop1 56832 56832 0 100% /snap/core18/1944
/dev/loop6 66432 66432 0 100% /snap/gtk-common-themes/1514
/dev/loop7 52352 52352 0 100% /snap/snap-store/518
/dev/loop9 31872 31872 0 100% /snap/snapd/10707
/dev/sda1 523248 4 523244 1% /boot/efi
/dev/loop10 33152 33152 0 100% /snap/snapd/12883
/dev/loop8 56832 56832 0 100% /snap/core18/2128
/dev/loop0 52224 52224 0 100% /snap/snap-store/547
/dev/loop11 66688 66688 0 100% /snap/gtk-common-themes/1515
tmpfs 323516 44 323472 1% /run/user/1000
/dev/sr0 59032 59032 0 100% /media/ubuntu/VBox_GAs_6.1.10
/dev/loop4 224256 224256 0 100% /snap/gnome-3-34-1804/72

ubuntu@ubuntu:~/rahul$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            1.6G   0    1.6G   0% /dev
tmpfs           316M  1.4M  315M   1% /run
/dev/sda5       49G   11G   36G  23% /
tmpfs           1.6G   0    1.6G   0% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
tmpfs           1.6G   0    1.6G   0% /sys/fs/cgroup
/dev/loop3     219M  219M   0 100% /snap/gnome-3-34-1804/66
/dev/loop1     56M   56M   0 100% /snap/core18/1944
/dev/loop6     65M   65M   0 100% /snap/gtk-common-themes/1514
/dev/loop7     52M   52M   0 100% /snap/snap-store/518
/dev/loop9     32M   32M   0 100% /snap/snapd/10707
/dev/sda1     511M  4.0K  511M   1% /boot/efi
/dev/loop10    33M   33M   0 100% /snap/snapd/12883
/dev/loop8     56M   56M   0 100% /snap/core18/2128
/dev/loop0     51M   51M   0 100% /snap/snap-store/547
/dev/loop11    66M   66M   0 100% /snap/gtk-common-themes/1515
tmpfs          316M  44K   316M   1% /run/user/1000
/dev/sr0       58M   58M   0 100% /media/ubuntu/VBox_GAs_6.1.10
/dev/loop4    219M  219M   0 100% /snap/gnome-3-34-1804/72

ubuntu@ubuntu:~/rahul$ ps
  PID TTY          TIME CMD
  4068 pts/0    00:00:00 bash
  5254 pts/0    00:00:00 vi

Activities Terminal ▾ Sep 13 16:43 ubuntu@ubuntu: ~/rahul

 11 root      20  0  0  0  0 R  0.0  0.0  0:02.88 rcu_sched
 12 root      rt  0  0  0  0  S  0.0  0.0  0:00.42 migration/0
 13 root     -51  0  0  0  0  S  0.0  0.0  0:00.00 idle_inject/0
 14 root     20  0  0  0  0  S  0.0  0.0  0:00.00 cpuhp/0
 15 root     20  0  0  0  0  S  0.0  0.0  0:00.00 kdevtmpfs
 16 root      0 -20  0  0  0  I  0.0  0.0  0:00.00 netns
 17 root     20  0  0  0  0  S  0.0  0.0  0:00.00 rcu_tasks_kthre
 18 root     20  0  0  0  0  S  0.0  0.0  0:00.00 rcu_tasks_rude_
 19 root     20  0  0  0  0  S  0.0  0.0  0:00.00 rcu_tasks_trace
 20 root     20  0  0  0  0  S  0.0  0.0  0:00.00 kauditd
 21 root     20  0  0  0  0  S  0.0  0.0  0:00.03 khungtaskd
 22 root     20  0  0  0  0  S  0.0  0.0  0:00.00 oom_reaper
 23 root      0 -20  0  0  0  I  0.0  0.0  0:00.00 writeback
 24 root     20  0  0  0  0  S  0.0  0.0  0:00.00 kcompactd0
 25 root     25  5  0  0  0  S  0.0  0.0  0:00.00 ksmd
 26 root     39 19  0  0  0  S  0.0  0.0  0:00.00 khugepaged
 72 root      0 -20  0  0  0  I  0.0  0.0  0:00.00 kintegrityd

[4]+  Stopped                  top
ubuntu@ubuntu:~/rahul$ man cat
ubuntu@ubuntu:~/rahul$ cat
^Z
[5]+  Stopped                  cat
ubuntu@ubuntu:~/rahul$ cat rahul.txt
Hi rahul.
ubuntu@ubuntu:~/rahul$ cat >
bash: syntax error near unexpected token `newline'
ubuntu@ubuntu:~/rahul$ cat >rahul.txt
How are you
i'm fine
^Z
[6]+  Stopped                  cat > rahul.txt
ubuntu@ubuntu:~/rahul$ cat rahul.txt
How are you
i'm fine
ubuntu@ubuntu:~/rahul$ gedit rahul.txt
ubuntu@ubuntu:~/rahul$ echo rahul
rahul
ubuntu@ubuntu:~/rahul$
```



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Activities Terminal Sep 13 16:43 ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~/rahul$ top

top - 16:24:53 up 5:46, 1 user, load average: 0.09, 0.05, 0.01
Tasks: 190 total, 2 running, 185 sleeping, 3 stopped, 0 zombie
%Cpu(s): 1.4 us, 0.3 sy, 0.0 ni, 98.3 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 3159.4 total, 561.9 free, 1157.0 used, 1440.5 buff/cache
MiB Swap: 2048.0 total, 2014.1 free, 33.9 used, 1807.2 avail Mem

  PID USER      PR  NI  VIRT  RES  SHR S %CPU  %MEM    TIME+  COMMAND
 2315 ubuntu    20   0 578948 95816 54556 S  0.7   3.0   1:05.49 Xorg
   941 mysql     20   0 1295344 362740 31324 S  0.3  11.2   1:01.47 mysqld
 2457 ubuntu    20   0 155332   2768  2396 S  0.3   0.1   1:13.34 VBoxClient
 2622 ubuntu    20   0 3766320 393020 129212 S  0.3  12.1   3:38.12 gnome-shell
 4002 ubuntu    20   0 820840 53056 39420 S  0.3   1.6   0:21.39 gnome-terminal-
 7034 root       20   0      0      0      0 I  0.3   0.0   0:00.36 kworker/0:3-events
 7057 ubuntu    20   0 11860   3840  3188 R  0.3   0.1   0:00.16 top
    1 root      20   0 103848 13232 8348 S  0.0   0.4   0:12.20 systemd
    2 root      20   0      0      0      0 S  0.0   0.0   0:00.01 kthreadd
    3 root      0 -20      0      0      0 I  0.0   0.0   0:00.00 rcu_gp
    4 root      0 -20      0      0      0 I  0.0   0.0   0:00.00 rcu_par_gp
    6 root      0 -20      0      0      0 I  0.0   0.0   0:00.00 kworker/0:0H-kblockd
    9 root      0 -20      0      0      0 I  0.0   0.0   0:00.00 mm_percpu_wq
   10 root      20   0      0      0      0 S  0.0   0.0   0:03.00 ksoftirqd/0
   11 root      20   0      0      0      0 R  0.0   0.0   0:02.88 rcu_sched
   12 root      rt   0      0      0      0 S  0.0   0.0   0:00.42 migration/0
   13 root     -51   0      0      0      0 S  0.0   0.0   0:00.00 idle_inject/0
   14 root      20   0      0      0      0 S  0.0   0.0   0:00.00 cpuhp/0
   15 root      20   0      0      0      0 S  0.0   0.0   0:00.00 kdevtmpfs
   16 root      0 -20      0      0      0 I  0.0   0.0   0:00.00 netns
   17 root      20   0      0      0      0 S  0.0   0.0   0:00.00 rcu_tasks_kthre
   18 root      20   0      0      0      0 S  0.0   0.0   0:00.00 rcu_tasks_rude_
   19 root      20   0      0      0      0 S  0.0   0.0   0:00.00 rcu_tasks_trace
   20 root      20   0      0      0      0 S  0.0   0.0   0:00.00 kauditd
   21 root      20   0      0      0      0 S  0.0   0.0   0:00.03 khungtaskd
   22 root      20   0      0      0      0 S  0.0   0.0   0:00.00 oom_reaper
   23 root      0 -20      0      0      0 I  0.0   0.0   0:00.00 writeback
   24 root      20   0      0      0      0 S  0.0   0.0   0:00.00 kcompactd0
   25 root      20   0      0      0      0 S  0.0   0.0   0:00.00 kswapd0

ubuntu@ubuntu:~/rahul$ lsusb
Bus 001 Device 002: ID 80ee:0021 VirtualBox USB Tablet
Bus 001 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
ubuntu@ubuntu:~/rahul$ typo
Command 'typo' not found, did you mean:
  command 'typop' from deb terminology (1.6.0-2)
Try: sudo apt install <deb name>

ubuntu@ubuntu:~/rahul$ top

top - 16:24:53 up 5:46, 1 user, load average: 0.09, 0.05, 0.01
Tasks: 190 total, 2 running, 185 sleeping, 3 stopped, 0 zombie
%Cpu(s): 1.4 us, 0.3 sy, 0.0 ni, 98.3 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 3159.4 total, 561.9 free, 1157.0 used, 1440.5 buff/cache
MiB Swap: 2048.0 total, 2014.1 free, 33.9 used, 1807.2 avail Mem
```

```
Activities Terminal Sep 13 16:43 ubuntu@ubuntu: ~/rahul

clock: 33MHz
capabilities: sata ahci_1.0 bus_master cap_list
configuration: driver=ahci latency=64
resources: irq:21 ioport:d240(size=8) ioport:d248(size=4) ioport:d250(size=8) ioport:d258(s
ize=4) ioport:d260(size=16) memory:f1806000-f1807fff
*-pnp00:00
  product: PnP device PNP0303
  physical id: 2
  capabilities: pnp
  configuration: driver=i8042 kbd
*-pnp00:01
  product: PnP device PNP0f03
  physical id: 3
  capabilities: pnp
  configuration: driver=i8042 aux
WARNING: output may be incomplete or inaccurate, you should run this program as super-user.
ubuntu@ubuntu:~/rahul$ ls hw
ls: cannot access 'hw': No such file or directory
ubuntu@ubuntu:~/rahul$ lscpu
Architecture:                x86_64
CPU op-mode(s):              32-bit, 64-bit
Byte Order:                  Little Endian
Address sizes:                39 bits physical, 48 bits virtual
CPU(s):                      1
On-line CPU(s) list:         0
Thread(s) per core:          1
Core(s) per socket:          1
Socket(s):                   1
NUMA node(s):                1
Vendor ID:                   GenuineIntel
CPU family:                   6
Model:                       142
Model name:                   Intel(R) Core(TM) i5-7200U CPU @ 2.50GHz
Stepping:                     9
CPU MHz:                      2711.996
BogoMIPS:                     5423.99
Hypervisor vendor:           KVM
Virtualization type:         full

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Activities Terminal Sep 13 16:43 ubuntu@ubuntu: ~/rahul

clock: 33MHz
capabilities: ohci bus_master cap_list
configuration: driver=ohci-pci latency=64
resources: irq:22 memory:f1804000-f1804fff
*-bridge
  description: Bridge
  product: 82371AB/EB/MB PIIX4 ACPI
  vendor: Intel Corporation
  physical id: 7
  bus info: pci@0000:00:07.0
  version: 08
  width: 32 bits
  clock: 33MHz
  capabilities: bridge
  configuration: driver=piix4_smbus latency=0
  resources: irq:9
*-sata
  description: SATA controller
  product: 82801HM/HEM (ICH8M/ICH8M-E) SATA Controller [AHCI mode]
  vendor: Intel Corporation
  physical id: d
  bus info: pci@0000:00:0d.0
  version: 02
  width: 32 bits
  clock: 33MHz
  capabilities: sata ahci_1.0 bus_master cap_list
  configuration: driver=ahci latency=64
  resources: irq:21 ioport:d240(size=8) ioport:d248(size=4) ioport:d250(size=8) ioport:d258(s
ize=4) ioport:d260(size=16) memory:f1806000-f1807fff
*-pnp00:00
  product: PnP device PNP0303
  physical id: 2
  capabilities: pnp
  configuration: driver=i8042 kbd
*-pnp00:01
  product: PnP device PNP0f03
  physical id: 3
  capabilities: pnp

```



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Activities Terminal Sep 13 16:43 ubuntu@ubuntu: ~/rahul

vendor: InnoTek Systemberatung GmbH
physical id: 4
bus info: pci@0000:00:04.0
version: 00
width: 32 bits
clock: 33MHz
configuration: driver=vboxguest latency=0
resources: irq:20 ioport:d040(size=32) memory:f1400000-f17fffff memory:f1800000-f1803fff

*-multimedia
description: Multimedia audio controller
product: 82801AA AC'97 Audio Controller
vendor: Intel Corporation
physical id: 5
bus info: pci@0000:00:05.0
version: 01
width: 32 bits
clock: 33MHz
capabilities: bus_master
configuration: driver=snd_intel8x0 latency=64
resources: irq:21 ioport:d100(size=256) ioport:d200(size=64)

*-usb
description: USB controller
product: KeyLargo/Intrepid USB
vendor: Apple Inc.
physical id: 6
bus info: pci@0000:00:06.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: ohci bus_master cap_list
configuration: driver=ohci-pci latency=64
resources: irq:22 memory:f1804000-f1804fff

*-bridge
description: Bridge
product: 82371AB/EB/MB PIIX4 ACPI
vendor: Intel Corporation
physical id: 7
bus info: pci@0000:00:07.0
version: 00
```

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Activities Terminal Sep 13 16:43 ubuntu@ubuntu: ~/rahul

version: 00
width: 32 bits
clock: 33MHz
capabilities: vga_controller bus_master rom
configuration: driver=vmwgfx latency=64
resources: irq:18 ioport:d010(size=16) memory:f0000000-f0ffffff memory:f1000000-f11ffffff me
mory:c0000-dffff
*-network
description: Ethernet interface
product: 82540EM Gigabit Ethernet Controller
vendor: Intel Corporation
physical id: 3
bus info: pci@0000:00:03.0
logical name: enp0s3
version: 02
serial: 08:00:27:a4:7d:49
size: 1Gbit/s
capacity: 1Gbit/s
width: 32 bits
clock: 66MHz
capabilities: bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-f
d autonegotiation
configuration: autonegotiation=on broadcast=yes driver=e1000 driverversion=7.3.21-k8-NAPI d
uplex=full ip=10.0.2.15 latency=64 link=yes mingnt=255 multicast=yes port=twisted pair speed=1Gbit/s
resources: irq:19 memory:f1200000-f121ffff ioport:d020(size=8)

*-generic
description: System peripheral
product: VirtualBox Guest Service
vendor: InnoTek Systemberatung GmbH
physical id: 4
bus info: pci@0000:00:04.0
version: 00
width: 32 bits
clock: 33MHz
configuration: driver=vboxguest latency=0
resources: irq:20 ioport:d040(size=32) memory:f1400000-f17fffff memory:f1800000-f1803fff

*-multimedia
description: Multimedia audio controller
product: 82801AA AC'97 Audio Controller
```



```
Activities Terminal Sep 13 16:43 ubuntu@ubuntu: ~/rahul

/dev/sr0      58M   58M   0 100% /media/ubuntu/VBox_GAs_6.1.10
/dev/loop4    219M  219M   0 100% /snap/gnome-3-34-1804/72
ubuntu@ubuntu:~/rahul$ ps
  PID TTY          TIME CMD
 4068 pts/0    00:00:00 bash
 5254 pts/0    00:00:00 vi
 6045 pts/0    00:00:00 vim
 6612 pts/0    00:00:00 vi
 6763 pts/0    00:00:00 ps
ubuntu@ubuntu:~/rahul$ ps -a
  PID TTY          TIME CMD
 2315 tty2      00:00:57 Xorg
 2339 tty2      00:00:00 gnome-session-b
 5254 pts/0    00:00:00 vi
 6045 pts/0    00:00:00 vim
 6612 pts/0    00:00:00 vi
 6768 pts/0    00:00:00 ps
ubuntu@ubuntu:~/rahul$ gedit rahul.txt
ubuntu@ubuntu:~/rahul$ gedit rahul.txt&
[4] 6789
ubuntu@ubuntu:~/rahul$ ps -a
  PID TTY          TIME CMD
 2315 tty2      00:00:58 Xorg
 2339 tty2      00:00:00 gnome-session-b
 5254 pts/0    00:00:00 vi
 6045 pts/0    00:00:00 vim
 6612 pts/0    00:00:00 vi
 6789 pts/0    00:00:00 gedit
 6796 pts/0    00:00:00 ps
ubuntu@ubuntu:~/rahul$ ps
  PID TTY          TIME CMD
 4068 pts/0    00:00:00 bash
 5254 pts/0    00:00:00 vi
 6045 pts/0    00:00:00 vim
 6612 pts/0    00:00:00 vi
 6789 pts/0    00:00:00 gedit
 6798 pts/0    00:00:00 ps
ubuntu@ubuntu:~/rahul$ man kill
```

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Activities Terminal Sep 13 16:42 ubuntu@ubuntu: ~/rahul

/dev/loop11    66688  66688   0 100% /snap/gtk-common-themes/1515
tmpfs          323516 44    323472 1% /run/user/1000
/dev/sr0       59032  59032   0 100% /media/ubuntu/VBox_GAs_6.1.10
/dev/loop4     224256 224256   0 100% /snap/gnome-3-34-1804/72
ubuntu@ubuntu:~/rahul$ rm -r rahul
rm: cannot remove 'rahul': No such file or directory
ubuntu@ubuntu:~/rahul$ cd ..
ubuntu@ubuntu:~$ rm -r rahul
ubuntu@ubuntu:~$ ls
4b.html Desktop Downloads pg3.html pg4.html pg5.html pgm2.html Public Templates
8p.php Documents Music pg4a.html pg5.css pg8.php Pictures snap Videos
ubuntu@ubuntu:~$ mkdir rahul
ubuntu@ubuntu:~$ cd rahul
ubuntu@ubuntu:~/rahul$ cd ..
ubuntu@ubuntu:~$ rmdir -p rahul
ubuntu@ubuntu:~$ ls
4b.html Desktop Downloads pg3.html pg4.html pg5.html pgm2.html Public Templates
8p.php Documents Music pg4a.html pg5.css pg8.php Pictures snap Videos
ubuntu@ubuntu:~$ mkdir rahul
ubuntu@ubuntu:~$ cd rahul
ubuntu@ubuntu:~/rahul$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
udev            1588420         0   1588420   0% /dev
tmpfs           323520        1404    322116   1% /run
/dev/sda5       50354712 10653472  37113592  23% /
tmpfs           1617588         0    1617588   0% /dev/shm
tmpfs           5120           4        5116   1% /run/lock
tmpfs           1617588         0    1617588   0% /sys/fs/cgroup
/dev/loop3      224256        224256   0 100% /snap/gnome-3-34-1804/66
/dev/loop1      56832         56832   0 100% /snap/core18/1944
/dev/loop6      66432         66432   0 100% /snap/gtk-common-themes/1514
/dev/loop7      52352         52352   0 100% /snap/snap-store/518
/dev/loop9      31872         31872   0 100% /snap/snapd/10707
/dev/sda1       523248         4    523244   1% /boot/efi
/dev/loop10     33152         33152   0 100% /snap/snapd/12883
/dev/loop8      56832         56832   0 100% /snap/core18/2128
/dev/loop0      52224         52224   0 100% /snap/snap-store/547
/dev/loop11     66688         66688   0 100% /snap/gtk-common-themes/1515
```



```
Activities Terminal Sep 13 16:42
ubuntu@ubuntu: ~/rahul

Suggested packages:
  ctags vim-doc vim-scripts
The following NEW packages will be installed:
  vim vim-runtime
0 upgraded, 2 newly installed, 0 to remove and 8 not upgraded.
Need to get 7,111 kB of archives.
After this operation, 34.6 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu focal/main amd64 vim-runtime all 2:8.1.2269-1ubuntu5 [5,873 kB]
Get:2 http://in.archive.ubuntu.com/ubuntu focal/main amd64 vim amd64 2:8.1.2269-1ubuntu5 [1,238 kB]
Fetched 7,111 kB in 12s (598 kB/s)
Selecting previously unselected package vim-runtime.
(Reading database ... 183226 files and directories currently installed.)
Preparing to unpack .../vim-runtime_2%3a8.1.2269-1ubuntu5_all.deb ...
Adding 'diversion of /usr/share/vim/vim81/doc/help.txt to /usr/share/vim/vim81/doc/help.txt.vim-tiny by vim-runtime'
Adding 'diversion of /usr/share/vim/vim81/doc/tags to /usr/share/vim/vim81/doc/tags.vim-tiny by vim-runtime'
Unpacking vim-runtime (2:8.1.2269-1ubuntu5) ...
Selecting previously unselected package vim.
Preparing to unpack .../vim_2%3a8.1.2269-1ubuntu5_amd64.deb ...
Unpacking vim (2:8.1.2269-1ubuntu5) ...
Setting up vim-runtime (2:8.1.2269-1ubuntu5) ...
Setting up vim (2:8.1.2269-1ubuntu5) ...
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vim (vim) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vimdiff (vimdiff) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/rvim (rvim) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/rview (rview) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vi (vi) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/view (view) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/ex (ex) in auto mode
Processing triggers for man-db (2.9.1-1) ...
ubuntu@ubuntu:~/rahul$ vim rahul.java
ubuntu@ubuntu:~/rahul$ vim rahulgn.java

[2]+  Stopped                  vim rahulgn.java
ubuntu@ubuntu:~/rahul$ ls

Activities Terminal Sep 13 16:41
ubuntu@ubuntu: ~/rahul

Command 'cc' not found, but can be installed with:

sudo apt install gcc          # version 4:9.3.0-1ubuntu2, or
sudo apt install clang        # version 1:10.0-50-exp1
sudo apt install pentium-builder # version 0.21ubuntu1
sudo apt install tcc          # version 0.9.27-8

ubuntu@ubuntu:~/rahul$ vim rahul.java

Command 'vim' not found, but can be installed with:

sudo apt install vim          # version 2:8.1.2269-1ubuntu5, or
sudo apt install vim-tiny     # version 2:8.1.2269-1ubuntu5
sudo apt install neovim       # version 0.4.3-3
sudo apt install vim-athena   # version 2:8.1.2269-1ubuntu5
sudo apt install vim-gtk3     # version 2:8.1.2269-1ubuntu5
sudo apt install vim-nox      # version 2:8.1.2269-1ubuntu5

ubuntu@ubuntu:~/rahul$ sudo apt instal vim
[sudo] password for ubuntu:
Sorry, try again.
[sudo] password for ubuntu:
E: Invalid operation instal
ubuntu@ubuntu:~/rahul$ sudo apt install vim
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libfprint-2-tod1 libllvm9
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  vim-runtime
Suggested packages:
  ctags vim-doc vim-scripts
The following NEW packages will be installed:
  vim vim-runtime
0 upgraded, 2 newly installed, 0 to remove and 8 not upgraded.
Need to get 7,111 kB of archives.
```

```
Activities Terminal Sep 13 16:41
ubuntu@ubuntu: ~/rahul

drwxrwxr-x 2 ubuntu ubuntu 4096 Sep 13 12:29 rahul
drwxrwxr-x 2 ubuntu ubuntu 4096 Sep 13 12:19 rahulgn
drwxr-xr-x 3 ubuntu ubuntu 4096 Jan 26 2021 snap
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Templates
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Videos
ubuntu@ubuntu:~$ rmdir rahulgn
ubuntu@ubuntu:~$ cd rahul
ubuntu@ubuntu:~/rahul$ pwd
/home/ubuntu/rahul
ubuntu@ubuntu:~/rahul$ cd..
cd..: command not found
ubuntu@ubuntu:~/rahul$ cd ..
ubuntu@ubuntu:~$ cd /
ubuntu@ubuntu:/$ pwd
/
ubuntu@ubuntu:/$ cd/home/ubuntu/
bash: cd/home/ubuntu/: No such file or directory
ubuntu@ubuntu:/$ cd/home/ubuntu
bash: cd/home/ubuntu: No such file or directory
ubuntu@ubuntu:/$ cd ..
ubuntu@ubuntu:/$ /cd/home/ubuntu
bash: /cd/home/ubuntu: No such file or directory
ubuntu@ubuntu:/$ cd /home/ubuntu
ubuntu@ubuntu:~$ pwd
/home/ubuntu
ubuntu@ubuntu:~$ cd rahul
ubuntu@ubuntu:~/rahul$ vi rahul.java

[1]+ Stopped vi rahul.java
ubuntu@ubuntu:~/rahul$ gedit rahul.java
ubuntu@ubuntu:~/rahul$ cc rahul.java

Command 'cc' not found, but can be installed with:

sudo apt install gcc # version 4:9.3.0-1ubuntu2, or
sudo apt install clang # version 1:10.0-50-exp1
sudo apt install pentium-builder # version 0.21ubuntu1
sudo apt install tcc # version 0.9.27-8

Activities Terminal Sep 13 16:42
ubuntu@ubuntu: ~/rahul

[2]+ Stopped vim rahulgn.java
ubuntu@ubuntu:~/rahul$ ls
rahul.java
ubuntu@ubuntu:~/rahul$ vi rahul.java
ubuntu@ubuntu:~/rahul$ vim rahul.java
ubuntu@ubuntu:~/rahul$ vim rahulgn.java
ubuntu@ubuntu:~/rahul$ gedit rahul.java
ubuntu@ubuntu:~/rahul$ rmdir -r rahul
rmdir: invalid option -- 'r'
Try 'rmdir --help' for more information.
ubuntu@ubuntu:~/rahul$ rmdir -r rahul.java
rmdir: invalid option -- 'r'
Try 'rmdir --help' for more information.
ubuntu@ubuntu:~/rahul$ ls
rahul.java
ubuntu@ubuntu:~/rahul$ rm -r rahul
rm: cannot remove 'rahul': No such file or directory
ubuntu@ubuntu:~/rahul$ man
What manual page do you want?
For example, try 'man man'.
ubuntu@ubuntu:~/rahul$ man rmdir
ubuntu@ubuntu:~/rahul$ man cd
No manual entry for cd
ubuntu@ubuntu:~/rahul$ man cd
No manual entry for cd
ubuntu@ubuntu:~/rahul$ man rmdir
ubuntu@ubuntu:~/rahul$ man ls
ubuntu@ubuntu:~/rahul$ rmdir -p rahul
rmdir: failed to remove 'rahul': No such file or directory
ubuntu@ubuntu:~/rahul$ vi rahul.txt

[3]+ Stopped vi rahul.txt
ubuntu@ubuntu:~/rahul$ rmdir -P rahul
rmdir: invalid option -- 'P'
Try 'rmdir --help' for more information.
ubuntu@ubuntu:~/rahul$ rm -r
rm: missing operand
Try 'rm --help' for more information.
```