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MIS:112103003

```
vedant_2720@vedant-IdeaPad-5:~$ sudo passwd vedang
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
```

```
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/head/ping$ sudo useradd vedang
[sudo] password for vedant_2720:
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/head/ping$
```

```
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/head/ping$ top

top - 00:48:49 up  1:59,  1 user,  load average: 0.02, 0.15, 0.20
Tasks: 288 total,   1 running, 287 sleeping,   0 stopped,   0 zombie
%Cpu(s):  0.5 us,  0.4 sy,  0.0 ni, 99.2 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st
MiB Mem :  15785.3 total,   8132.4 free,   2637.7 used,   5015.1 buff/cache
MiB Swap:      0.0 total,      0.0 free,      0.0 used.  11911.5 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
   1770 vedant_+  20   0 6945032 312112 147604 S   3.3   1.9   2:57.29 gnome-shell
    231 root     -51   0       0      0      0 S   1.3   0.0   0:30.03 irq/146-MSFT000
  40806 vedant_+  20   0  563820  54284  41428 S   1.3   0.3   0:05.30 gnome-terminal-
    508 systemd+  20   0   14824   6076   5280 S   0.3   0.0   0:07.51 systemd-oomd
  41859 vedant_+  20   0 2516220 155944  90364 S   0.3   1.0   0:05.16 Isolated Web Co
      1 root      20   0  168160  13484   8296 S   0.0   0.1   0:02.07 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
      5 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 netns
      7 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
      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   0:00.00 rcu_tasks_rude_
     11 root      20   0       0      0      0 S   0.0   0.0   0:00.00 rcu_tasks_trace
```

vedant_2720@vedant-IdeaPad-5: ~/Desktop/40 commands/head

```
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/head$ tar cvf archive.tar file1.txt file2.txt
file1.txt
file2.txt
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/head$
```

```
vedant_2720@vedant-IdeaPad-5:~/Desktop$ ps
    PID TTY          TIME CMD
  44173 pts/0    00:00:00 bash
  44179 pts/0    00:00:00 ps
vedant_2720@vedant-IdeaPad-5:~/Desktop$
```

```
MAN(1)                                           Manual pager utils                                          MAN(1)

NAME
       man - an interface to the system reference manuals

SYNOPSIS
       man [man options] [[section] page ...] ...
       man -k [apropos options] regexp ...
       man -K [man options] [section] term ...
       man -f [whatis options] page ...
       man -l [man options] file ...
       man -w|-W [man options] page ...

DESCRIPTION
       man is the system's manual pager.  Each page argument given to man is normally the name of a program, utility or function.  The manual page
       associated with each of these arguments is then found and displayed.  A section, if provided, will direct man to look only in that  section
       of  the manual.  The default action is to search in all of the available sections following a pre-defined order (see DEFAULTS), and to show
       only the first page found, even if page exists in several sections.

       The table below shows the section numbers of the manual followed by the types of pages they contain.

       1    Executable programs or shell commands
       2    System calls (functions provided by the kernel)
Manual page man(1) line 1/507 4% (press h for help or q to quit)
```

```
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       associated with each of these arguments is then found and displayed.  A section, if provided, will direct man to look only in that  section
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       only the first page found, even if page exists in several sections.

       The table below shows the section numbers of the manual followed by the types of pages they contain.

       1    Executable programs or shell commands
       2    System calls (functions provided by the kernel)
       3    Library calls (functions within program libraries)
       4    Special files (usually found in /dev)
       5    File formats and conventions, e.g. /etc/passwd
       6    Games
       7    Miscellaneous (including macro packages and conventions), e.g. man(7), groff(7), man-pages(7)
       8    System administration commands (usually only for root)
       9    Kernel routines [Non standard]

       A manual page consists of several sections.

       Conventional section names include NAME, SYNOPSIS, CONFIGURATION, DESCRIPTION, OPTIONS,  EXIT STATUS,  RETURN VALUE,  ERRORS,  ENVIRONMENT,
       FILES, VERSIONS, CONFORMING TO, NOTES, BUGS, EXAMPLE, AUTHORS, and SEE ALSO.
Manual page man(1) line 14/507 7% (press h for help or q to quit)
```

```
EXAMPLES
       man ls
              Display the manual page for the item (program) ls.

       man man.7
              Display the manual page for macro package man from section 7.  (This is an alternative spelling of "man 7 man".)

       man 'man(7)'
              Display  the  manual  page for macro package man from section 7.  (This is another alternative spelling of "man 7 man".  It may be more
              convenient when copying and pasting cross-references to manual pages.  Note that the parentheses must normally  be  quoted  to  protect
              them from the shell.)

       man -a intro
              Display, in succession, all of the available intro manual pages contained within the manual.  It is possible to quit between successive
              displays or skip any of them.

       man -t bash | lpr -Pps
              Format the manual page for bash into the default troff or groff format and pipe it to the printer named ps.   The  default  output  for
              groff is usually PostScript.  man --help should advise as to which processor is bound to the -t option.

       man -l -Tdvi ./foo.1x.gz > ./foo.1x.dvi
              This command will decompress and format the nroff source manual page ./foo.1x.gz into a device independent (dvi) file.  The redirection
              is necessary as the -T flag causes output to be directed to stdout with no pager.  The output could be viewed with a  program  such  as
Manual page man(1) line 52/507 14% (press h for help or q to quit)
```

```
23 g++ hello.cpp
24 vim hello.cpp
25 g++ hello.cpp
26 vim hello.cpp
27 g++ hello.cpp
28 vim hello.cpp
29 g++ hello.cpp
30 ./hello
31 ls
32 ./a.out
33 g++ hello.cpp
34 vim hello.cpp
35 g++ hello.cpp
36 ./a.out
37 g++ hello.cpp
38 vim hello.cpp
39 g++ hello.cpp
40 ./a.out
41 sudo apt update
42 sudo apt install codeblocks
43 clear
44 codeblocks
45 sudo apt remove XTerm
46 sudo apt-get remove XTerm
```

```
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/head/ping$ history
    1  gcc hello.c
    2  sudo apt install gcc~
    3  gcc hello.c
    4  ./a.out
    5  gcc hello.c
    6  ./a.out
    7  sudo apt update
    8  sudo apt install gcc g++ clang gdb
    9  hello.c
   10  ./a.out
   11  gcc hello.c
   12  ./a.out
   13  cd "/home/vedant_2720/Desktop/C tutorials/" && gcc hello.c -o hello && "/home/vedant_2720/Desktop/C tutorials/"hello
   14  sudo apt install gnome-tewak-tool
   15  sudo apt install gnome-tweak-tool
   16  vi first.c
   17  vi hello.c
   18  sudo apt update
   19  vi ksu.c
   20  vi hello.cpp
   21  sudo apt-get install vim
   22  vim hello.cpp
   23  g++ hello.cpp
```

```
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands$ mkdir df
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands$ df -h file1.txt
df: file1.txt: No such file or directory
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands$ cd df
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/df$ df -h file1.txt
Filesystem      Size  Used Avail Use% Mounted on
/dev/nvme0n1p5  144G   13G  124G  10% /
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/df$ df -m file1.txt
Filesystem     1M-blocks   Used Available Use% Mounted on
/dev/nvme0n1p5    146655  12951    126184  10% /
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/df$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs           1.6G  2.4M  1.6G   1% /run
/dev/nvme0n1p5  144G   13G  124G  10% /
tmpfs           7.8G     0  7.8G   0% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
/dev/nvme0n1p1  256M   36M  221M  15% /boot/efi
tmpfs           1.6G  4.7M  1.6G   1% /run/user/1000
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/df$ du -m file1.txt
1       file1.txt
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/df$ du -k file1.txt
4       file1.txt
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/df$
```

```
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/head/ping$ sudo apt-get update
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Hit:2 http://in.archive.ubuntu.com/ubuntu jammy InRelease
Get:3 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease [114 kB]
Get:4 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease [107 kB]
Get:5 http://in.archive.ubuntu.com/ubuntu jammy-updates/main i386 Packages [429 kB]
Get:6 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [852 kB]
Get:7 http://in.archive.ubuntu.com/ubuntu jammy-updates/universe i386 Packages [567 kB]
Get:8 http://in.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [797 kB]
Fetched 2,976 kB in 5s (625 kB/s)
Reading package lists... Done
vedant_2720@vedant-IdeaPad-5:~/Desktop/40 commands/head/ping$
```



V

**Vedant**
Your account

V

vedang

V **Vedant** ✎

## Account Settings

**Administrator**
Administrators can add and remove other users, and can change settings for all users. ⬤

## Authentication & Login

Password ••••• ›

Automatic Login ⬤

Account Activity Logged in ›