To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo\_root" for details.

bvm@bvm-virtual-machine:~$ man ls

bvm@bvm-virtual-machine:~$ man date

bvm@bvm-virtual-machine:~$ pwd

/home/bvm

bvm@bvm-virtual-machine:~$ cal

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

sudo apt install ncal

bvm@bvm-virtual-machine:~$ ls

1.text Desktop Documents Downloads it0977 Music Pictures pranay Public snap Templates Videos

bvm@bvm-virtual-machine:~$ cd D

Desktop/ Documents/ Downloads/

bvm@bvm-virtual-machine:~$ cd Desktop

bvm@bvm-virtual-machine:~/Desktop$ mkdir 22IT447

bvm@bvm-virtual-machine:~/Desktop$ ls

22it435 22IT441 22IT447 22it484 ar test3

bvm@bvm-virtual-machine:~/Desktop$ cd 22IT447

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cat > fil1.txt

This is my first file

^C

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cat file1.txt

cat: file1.txt: No such file or directory

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cat fil1.txt

This is my first file

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cat >> fil1.txt

I am Rishi Patodiya

^C

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cat fil1.txt

This is my first file

I am Rishi Patodiya

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cp fil1.txt

cp: missing destination file operand after 'fil1.txt'

Try 'cp --help' for more information.

bvm@bvm-virtual-machine:~/Desktop/22IT447$ man cp

bvm@bvm-virtual-machine:~/Desktop/22IT447$ pwd

/home/bvm/Desktop/22IT447

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ^C

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cp fil1.txt /home/bvm/Desktop/22IT447

cp: 'fil1.txt' and '/home/bvm/Desktop/22IT447/fil1.txt' are the same file

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cp fil1.txt /home/bvm/Desktop/22IT447/file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ rm file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ mv fil1.txt /home/bvm/Desktop/22IT447/file1.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ mv file1.txt 1.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ mv 1.txt file1.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ mkdir rishi

bvm@bvm-virtual-machine:~/Desktop/22IT447$ rmdir rishi

bvm@bvm-virtual-machine:~/Desktop/22IT447$ wc file1.txt

2 9 42 file1.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ man wc

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cp file1.txt file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cat >> file2.txt

Hello

^C

bvm@bvm-virtual-machine:~/Desktop/22IT447$ wc -c file2.txt

48 file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ wc -m file2.txt

48 file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ wc -l file2.txt

3 file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ wc -L file2.txt

21 file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ wc -w file2.txt

10 file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cmp file1.txt file2.txt

cmp: EOF on file1.txt after byte 42, line 2

bvm@bvm-virtual-machine:~/Desktop/22IT447$ diff file1.txt file2.txt

2a3

> Hello

bvm@bvm-virtual-machine:~/Desktop/22IT447$ find \*.txt

file1.txt

file2.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ find \*1.txt

file1.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ find -size+2

find: unknown predicate `-size+2'

bvm@bvm-virtual-machine:~/Desktop/22IT447$ find -size +2

.

bvm@bvm-virtual-machine:~/Desktop/22IT447$ man find

bvm@bvm-virtual-machine:~/Desktop/22IT447$ who

bvm tty2 2024-01-12 10:42 (tty2)

bvm@bvm-virtual-machine:~/Desktop/22IT447$ man date

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cd /home/bvm

bvm@bvm-virtual-machine:~$ date

Friday 12 January 2024 11:22:11 AM IST

bvm@bvm-virtual-machine:~$ date +%a

Fri

bvm@bvm-virtual-machine:~$ date +%A

Friday

bvm@bvm-virtual-machine:~$ date +%b

Jan

bvm@bvm-virtual-machine:~$ date +%B

January

bvm@bvm-virtual-machine:~$ date +%c

Friday 12 January 2024 11:22:35 AM

bvm@bvm-virtual-machine:~$ date +%C

20

bvm@bvm-virtual-machine:~$ date +%d

12

bvm@bvm-virtual-machine:~$ date +%D

01/12/24

bvm@bvm-virtual-machine:~$ date +%e

12

bvm@bvm-virtual-machine:~$ date +%E

%E

bvm@bvm-virtual-machine:~$ date +%f

%f

bvm@bvm-virtual-machine:~$ date +%y

24

bvm@bvm-virtual-machine:~$ date +%Y

2024

bvm@bvm-virtual-machine:~$ date +%r

11:23:09 AM IST

bvm@bvm-virtual-machine:~$ cal

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

sudo apt install ncal

bvm@bvm-virtual-machine:~$ man cal

No manual entry for cal

bvm@bvm-virtual-machine:~$ eco rishi

Command 'eco' not found, did you mean:

command 'peco' from snap peco (v0.5.3)

command 'ego' from snap ego-dev (1.4.1)

command 'exo' from snap exoscale-cli (v1.22.2)

command 'ico' from deb x11-apps (7.7+8build2)

command 'echo' from deb coreutils (8.32-4.1ubuntu1)

command 'mco' from deb mcollective-client (2.12.5+dfsg-1)

command 'peco' from deb peco (0.5.10-1)

command 'ecj' from deb ecj (3.16.0-1)

command 'ecl' from deb ecl (21.2.1+ds-4)

command 'co' from deb rcs (5.10.1-1)

command 'ecm' from deb gmp-ecm (7.0.4+ds-6)

See 'snap info <snapname>' for additional versions.

bvm@bvm-virtual-machine:~$ ls -l

total 48

-rw-rw-r-- 1 bvm bvm 13 Jan 8 14:33 1.text

drwxr-xr-x 6 bvm bvm 4096 Jan 12 11:08 Desktop

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Documents

drwxr-xr-x 3 bvm bvm 4096 Jan 10 14:17 Downloads

drwxrwxr-x 2 bvm bvm 4096 Jan 8 14:32 it0977

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Music

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Pictures

drwxrwxr-x 2 bvm bvm 4096 Jan 8 15:02 pranay

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Public

drwx------ 4 bvm bvm 4096 Jan 10 14:17 snap

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Templates

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Videos

bvm@bvm-virtual-machine:~$ ls -lr

total 48

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Videos

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Templates

drwx------ 4 bvm bvm 4096 Jan 10 14:17 snap

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Public

drwxrwxr-x 2 bvm bvm 4096 Jan 8 15:02 pranay

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Pictures

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Music

drwxrwxr-x 2 bvm bvm 4096 Jan 8 14:32 it0977

drwxr-xr-x 3 bvm bvm 4096 Jan 10 14:17 Downloads

drwxr-xr-x 2 bvm bvm 4096 Dec 26 12:32 Documents

drwxr-xr-x 6 bvm bvm 4096 Jan 12 11:08 Desktop

-rw-rw-r-- 1 bvm bvm 13 Jan 8 14:33 1.text

bvm@bvm-virtual-machine:~$ ls -r

Videos Templates snap Public pranay Pictures Music it0977 Downloads Documents Desktop 1.text

bvm@bvm-virtual-machine:~$ echo rishi

rishi

bvm@bvm-virtual-machine:~$ man echo

bvm@bvm-virtual-machine:~$ echo \a Rishi

a Rishi

bvm@bvm-virtual-machine:~$ man echo

bvm@bvm-virtual-machine:~$ echo -e Rishi

Rishi

bvm@bvm-virtual-machine:~$ echo -E Rishi

Rishi

bvm@bvm-virtual-machine:~$ echo -E \a Rishi

a Rishi

bvm@bvm-virtual-machine:~$ man echo

bvm@bvm-virtual-machine:~$ echo -e Rishi \\ Hello

Rishi \ Hello

bvm@bvm-virtual-machine:~$ echo -e Rishi \b Hello

Rishi b Hello

bvm@bvm-virtual-machine:~$ man echo

bvm@bvm-virtual-machine:~$ cal

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

sudo apt install ncal

bvm@bvm-virtual-machine:~$ bc

bc 1.07.1

Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Software Foundation, Inc.

This is free software with ABSOLUTELY NO WARRANTY.

For details type `warranty'.

4+5

9

6-7

-1

6\*7\*8\*9

3024

a+b

0

9>5

1

9<5

0

9/5

1

scale = 2

/

(standard\_in) 9: syntax error

9/5

1.80

obase = 2

1+1

10

4+5

1001

5

101

obase = 16

10+5

F

20+25

2D

obase = 2

ibase = 2

1011+1011

10110

10

10

10+10

100

obase = 10

ibase = 10

^Z

[1]+ Stopped bc

bvm@bvm-virtual-machine:~$ cal

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

sudo apt install ncal

bvm@bvm-virtual-machine:~$ ^C

bvm@bvm-virtual-machine:~$ find home/bvm/Dekstop/22IT447/file1.txt -size +2

find: ‘home/bvm/Dekstop/22IT447/file1.txt’: No such file or directory

bvm@bvm-virtual-machine:~$ cd home/bvm/Dekstop/22IT447

bash: cd: home/bvm/Dekstop/22IT447: No such file or directory

bvm@bvm-virtual-machine:~$ cd D

Desktop/ Documents/ Downloads/

bvm@bvm-virtual-machine:~$ cd Desktop

bvm@bvm-virtual-machine:~/Desktop$ cd 22

22it435/ 22IT441/ 22IT447/ 22it484/

bvm@bvm-virtual-machine:~/Desktop$ cd 22IT447

bvm@bvm-virtual-machine:~/Desktop/22IT447$ sort file1.txt cat > file3.txt

sort: cannot read: cat: No such file or directory

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -m

file1.txt, file2.txt, file3.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 8

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rw-rw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ mkdir rishi

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 12

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rw-rw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

bvm@bvm-virtual-machine:~/Desktop/22IT447$ cp file1.txt temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ chmod +x temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 16

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rw-rw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

-rwxrwxr-x 1 bvm bvm 42 Jan 12 12:21 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ chmod +r temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 16

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rw-rw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

-rwxrwxr-x 1 bvm bvm 42 Jan 12 12:21 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ chmod u+rwx temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 16

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rw-rw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

-rwxrwxr-x 1 bvm bvm 42 Jan 12 12:21 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ chmod u+rwx file3.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 16

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rwxrw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

-rwxrwxr-x 1 bvm bvm 42 Jan 12 12:21 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ chmod go+rwx temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 16

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rwxrw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

-rwxrwxrwx 1 bvm bvm 42 Jan 12 12:21 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ chmod go-x temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 16

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rwxrw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

-rwxrw-rw- 1 bvm bvm 42 Jan 12 12:21 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ chmod 222 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 16

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rwxrw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

--w--w--w- 1 bvm bvm 42 Jan 12 12:21 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ chmod 621 temp.txt

bvm@bvm-virtual-machine:~/Desktop/22IT447$ ls -l

total 16

-rw-rw-r-- 1 bvm bvm 42 Jan 12 11:11 file1.txt

-rw-rw-r-- 1 bvm bvm 48 Jan 12 11:17 file2.txt

-rwxrw-r-- 1 bvm bvm 0 Jan 12 12:17 file3.txt

drwxrwxr-x 2 bvm bvm 4096 Jan 12 12:18 rishi

-rw--w---x 1 bvm bvm 42 Jan 12 12:21 temp.txt