

1) \$man cal
for more commands on cal

2) \$ cal

Output:

November 2022

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			

3) ncal -h → Turns off highlighting of today

Output:

November 2022

Su
Mo
Tu
We
Th
Fr
Sa

4) ncal -J → Display Julian calendar

5) ncal -e → Display date of Easter Output: 17/04/22

6) ncal -j → Display Julian days

7) ncal -m

8) ncal -O Output: 24/04/22

→ Display date of Orthodox Easter

9) ncal -p
→ Prints country code

10) cal 2006

b) i) date

Output: Tuesday 08 November 2022 05:16:47 PM IST

ii) date +%a

Output: Tue

iii) date +%A

Output: Tuesday

iv) date +%b

Output: Nov

d) `echo -n "Hello"` (do not output the trailing newline)

Output: `Hello$...`

command of next line begins in the same line

ii) `echo -e "Hi"` (enable interpretation of backslash escapes)

Output: `Hi`

iii) `echo -e "Hi \c Hello"`

Output: `Hi`

`\` → backslash

`\a` → alert

`\b` → backspace

`\c` → produce no further output

`\e` → escape

d) `bc` → Calculator

Output:

`15+10`

`25`

`5*10`

`50`

After `bc`:

`Ctrl C`

`quit`

e) `man man`

f) `ls` → lists all the files and directories

ii) `ls -l`

g) `mkdir name` → make directories

`mkdir Hi`

Output: `Hi`

h) `cd Hi`

It goes to that directory

Output: `Hi`

i) `cd ..` → Comes out of the directory to Home

Output: `/home/bmsce`

j) `pwd` → print name of current/working directory

Output: `/home/bmsce`

f) cat filename → concatenate files and print on the standard output
Output: Everything inside the file/directory

l) cat > filename

ctrl c

m) tty
Output: /dev/pts/0

n) uname
Output: Linux

o) who
Output: bmsce :0 2022-11-08 16:50 (:0)

p) echo \$PATH
Output: /usr/local/sbin:/usr/local/bin:

q) echo \$SHELL
Output: /bin/bash

r) stty -a

s) stty intr ^a

t) Script
Output: Script started, file is typescript

1st Program:

mkdir Keerthana

nano file1.sh

#!/bin/bash

X=5

echo \$X

echo "Enter the value"

read n

echo "\$n"

ctrl x

Output: 5 (type sh file1.sh)
Enter the value

10
10

2nd program: nano file2.sh

```
# !/bin/sh
```

```
var1 = 10
```

```
var2 = 20
```

```
sum = $((var1 + var2))
```

```
echo $sum
```

```
ctrl x
```

```
sh file2.sh
```

Output : 30

- u) wc
- v) rmdir directoryname
- w) rm filename
- x) ps
- y) type

Lee 8/11/22