

**Ex No: 1**  
**Date: 23.01.2025**

## **BASIC LINUX COMMANDS**

1.1.1

Syntax: \$date + %.m

Example: 02

1. Syntax: \$date + %.h

Eg: Feb

2. Syntax: \$date + %.d

Eg: 03

Syntax: \$date + %Y

Eg: 25

Syntax: \$date + %H

Eg: 19

Syntax: \$date + %M

Eg: 59

Syntax: \$date + %S

Eg: 24

2) \$echo "hello"

Eg: hello

3) \$cal dec 2005

December 2005

So	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	31

\$bc

Eg: 16+6  
82

command  
\$who

output

KK007 Seado 2025-02-03  
15:15  
(begin screen)

KK007 tty2 2025-02-03 15:15  
(tty2)

\$whoami  
\$id

KK007

uid=1000(KK007)  
gid=1000(KK007)  
groups=1000(KK007),10(wheel)  
context=unconfined-u

\$tty  
\$clear

/dev/pts/1  
all previously done operation  
gone

\$man-f ls

ls(1) - list directory contents

\$ps

PID	TTY	TIME	CMD
5093	pts/1	00:00:00	ls
5207	pts/1	00:00:00	ls

command	output
mkdir -n	mkdir
mkdir	/home/ksm07
mkdir's Kamal	empty directory created
ls	Remove created directory
ls -l	xx xx to vlx: ~777
ls	with .sh
	ls .sh

command	output
cat > doc	new file created
cat doc	command will be display
cp doc op	commands will be display
cp op	here
\$ mv op doc	Remove the existing file
\$ file doc.sh	content moved here
	ASCII text

command	output
\$chmod u+rwx rec	Allows user to do read write & execute
\$chmod u-rwx rec	Removes read, write & execute operation for user to perform file in 'rec'

command	output
\$wc arith.sh	8 38 177 arith.sh
\$ls -l	It will display output
\$who /ucl	2
\$who /uc-2	2
\$ls	rec

command  
\$head rec

\$tail rec

\$cat > tee  
\$wc rec

output

add.sh

CSE

Desktop/

calculator

Downloads/

Kamal

Pictures/

Public/

A junk code

add.sh

CSE

Public/

Pictures/

Kamal

Command  
\$who, date

output

1K007 tty2 2025-02-03 15:15  
(tty2)

.....

\$who & date  
\$who | date

1K007 tty2 2025-02-03 15:15  
(tty2)  
1K007 tty2 2025-02-03 15:15  
(tty2)

.....

Command  
\$free

output

total used

mem 7827180 768252  
swap 0 0

\$top

PID	USER	PR	NI	UPT
3121	1K007	20	0	...
3077	1K007	20	0	...

command  
\$nl sec

output

102

add. sh

calculator

Desktop/

\$cut -c char

cut: invalid byte

command  
\$ifconfig

output

to link encap: not up



Command  
\$vmstat

Output

Procs	memory	swap	...
8	6	swap	pro...
1	0	0	67...

\$ping

Ping[-LRB balaqarx ulqad]

:

**Result:**

The Unix/Linux commands successfully displayed system information, managed files, and performed navigation tasks, confirming the proper setup and functionality of the environment.