

## ECHO :

Displays a line of text

Syntax: echo [OPTION] [STRING]

```
lab1003@lab1003-HP-280-G2-MT:~$ echo "Pankuj"  
Pankuj  
lab1003@lab1003-HP-280-G2-MT:~$ echo "Aditya"  
Aditya  
lab1003@lab1003-HP-280-G2-MT:~$ echo "Harsh"  
Harsh  
lab1003@lab1003-HP-280-G2-MT:~$ echo *  
Desktop deva Documents Downloads examples.desktop Harsh Khalid l lab1 Music Pictures Public Templates try10.odt try17.odt Videos  
lab1003@lab1003-HP-280-G2-MT:~$ echo "My name is !@#$%^&*()123456789"  
bash: !@#: event not found  
lab1003@lab1003-HP-280-G2-MT:~$ echo "Pankuj"^C  
lab1003@lab1003-HP-280-G2-MT:~$ echo "My name is $%^&*()123456789"  
My name is $%^&*()123456789
```

## CLEAR :

clears the terminal screen

Syntax: clear

```
lab1003@lab1003-HP-280-G2-MT:~$
```

## EXIT :

terminates a script

Syntax: clear

```
lab1003@lab1003-HP-280-G2-MT:~$ date  
Fri Jan 19 16:15:19 IST 2024  
lab1003@lab1003-HP-280-G2-MT:~$
```

## DATE :

print or set the system date and time

Syntax: date [OPTION]... [+FORMAT]

```
lab1003@lab1003-HP-280-G2-MT:~$ date  
Fri Jan 19 16:15:19 IST 2024  
lab1003@lab1003-HP-280-G2-MT:~$
```

## TIME :

measure the time required to run a program

Syntax: time [option] [command]

```
lab1003@lab1003-HP-280-G2-MT:~$ time ls
Desktop  Documents  examples.desktop  Khalid  lab1  Pictures  Templates  try17.odt
deva     Downloads  Harsh            l       Music  Public    try10.odt  Videos

real    0m0.004s
user    0m0.004s
sys     0m0.000s
lab1003@lab1003-HP-280-G2-MT:~$
```

## UPTIME :

tell how long the system has been running

Syntax: uptime

```
lab1003@lab1003-HP-280-G2-MT:~$ uptime
16:07:14 up 1:07, 1 user, load average: 0.34, 0.26, 0.26
lab1003@lab1003-HP-280-G2-MT:~$
```

## CAL :

display a calendar

Syntax: cal [-m] [[month] year]

```
lab1003@lab1003-HP-280-G2-MT:~$ cal
      January 2024
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 31

lab1003@lab1003-HP-280-G2-MT:~$
```

## TTY :

print the file name of the terminal connected to standard input

Syntax: `tty [OPTION]`

```
lab1003@lab1003-HP-280-G2-MT:~$ tty
/dev/pts/0
lab1003@lab1003-HP-280-G2-MT:~$
```

## MAN :

an interface to the online reference manuals

Syntax: `man [OPTION] [KEYWORD(s)]`

```
lab1003@lab1003-HP-280-G2-MT:~$ man
What manual page do you want?
lab1003@lab1003-HP-280-G2-MT:~$
```

## WHICH :

shows full path of shell commands

Syntax: `which [OPTION] [filename]`

```
lab1003@lab1003-HP-280-G2-MT:~$ which
lab1003@lab1003-HP-280-G2-MT:~$ which cal
/usr/bin/cal
```

## HISTORY :

view the previously executed commands

Syntax: `history`

```
lab1003@lab1003-HP-280-G2-MT:~$ history
 1  cd desktop
 2  dir
 3  ls
 4  vi first
 5  vi demo
 6  whoami
 7  who
 8  pwd
 9  cal
10  user
11  w
12  mkdir deva
13  dir
```

```
14 rmdir deva
15 dir
16 pwd
17 tty
18 echo deva
19 man f ls
20 clear
21 date
22 time
23 uptime
24 cat
25 cat trial
26 vi deva
27 cat deva
28 mkdir deva
29 dir
30 cat deva
31 which
32 history
33 id
34 pwd
35 ping
```

## ID :

id: print real and effective user and group ids

Syntax: id [OPTION] user

```
lab1003@lab1003-HP-280-G2-MT:~$ id
uid=1000(lab1003) gid=1000(lab1003) groups=1000(lab1003),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),116(lpadmin),126(sambashare)
lab1003@lab1003-HP-280-G2-MT:~$
```

## PWD :

print name of working directory

Syntax: pwd [OPTION]

```
lab1003@lab1003-HP-280-G2-MT:~$ pwd
/home/lab1003
lab1003@lab1003-HP-280-G2-MT:~$
```

## WHOAMI

whoami: print effective userid

Syntax: whoami [OPTION]

```
lab1003@lab1003-HP-280-G2-MT:~$ whoami
lab1003
lab1003@lab1003-HP-280-G2-MT:~$
```

## PING :

send ICMP ECHO\_REQUEST to network host

Syntax: ping

```
lab1003@lab1003-HP-280-G2-MT:~$ ping
Usage: ping [-aAbBdDfhLnOqrRUvV64] [-c count] [-i interval] [-I interface]
          [-m mark] [-M pmtudisc_option] [-l preload] [-p pattern] [-Q tos]
          [-s packetsize] [-S sndbuf] [-t ttl] [-T timestamp_option]
          [-w deadline] [-W timeout] [hop1 ...] destination
Usage: ping -6 [-aAbBdDfhLnOqrRUvV] [-c count] [-i interval] [-I interface]
          [-l preload] [-m mark] [-M pmtudisc_option]
          [-N nodeinfo_option] [-p pattern] [-Q tclass] [-s packetsize]
          [-S sndbuf] [-t ttl] [-T timestamp_option] [-w deadline]
          [-W timeout] destination
lab1003@lab1003-HP-280-G2-MT:~$
```

## PR :

The pr command output. If you specify the - (minus sign) parameter instead of the File parameter, or if you specify neither, the pr command reads standard input.

Syntax: pr

```
lab1003@lab1003-HP-280-G2-MT:~$ pr
Creating a file

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Creating a file
File created
File created
^C
```

## LPR :

Each printer job consists of copies of each file you specify. The spool area is managed by the line printer spooler, lpsched.

Syntax: lpr 1

# MAN :

It provides a detailed view of the command which includes NAME, SYNOPSIS, DESCRIPTION, OPTIONS, EXIT STATUS, RETURN VALUES, ERRORS, FILES, VERSIONS, EXAMPLES, AUTHORS

Syntax: man

```
lab1003@lab1003-HP-280-G2-MT:~$ man  
What manual page do you want?  
lab1003@lab1003-HP-280-G2-MT:~$
```