

Assignment 01

01. adduser command

```
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ sudo adduser mohan
[sudo] password for gcl-19:
Adding user `mohan' ...
Adding new group `mohan' (1004) ...
Adding new user `mohan' (1002) with group `mohan' ...
Creating home directory `/home/mohan' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for mohan
Enter the new value, or press ENTER for the default
    Full Name []: Mohan Manjhi
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
```

02. at command

```
mohan@Mohan:~/Downloads/os assignment 1$ ls
'command screeshot'      'Mohan Manjhi'
'command screeshot.zip'  'Mohan Manjhi.zip'
mohan@Mohan:~/Downloads/os assignment 1$ at 22:01
warning: commands will be executed using /bin/sh
at Thu Jan 11 22:01:00 2024
at> touch atfile.txt
at> <EOT>
job 3 at Thu Jan 11 22:01:00 2024
mohan@Mohan:~/Downloads/os assignment 1$ at -l
mohan@Mohan:~/Downloads/os assignment 1$ ls
atfile.txt      'command screeshot.zip'  'Mohan Manjhi.zip'
'command screeshot'  'Mohan Manjhi'
mohan@Mohan:~/Downloads/os assignment 1$
```

03. batch command

```
mohan@Mohan:~/Downloads/os assignment 1$ batch
warning: commands will be executed using /bin/sh
at Thu Jan 11 22:03:00 2024
at> echo "Hello,mohan" >> batch.txt
at> <EOT>
at> <EOT>
job 4 at Thu Jan 11 22:03:00 2024
mohan@Mohan:~/Downloads/os assignment 1$ cat batch.txt
Hello,mohan
mohan@Mohan:~/Downloads/os assignment 1$
```

04. touch, nano command

```

gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ touch mohan.txt
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ ls
boi      Documents  examples.desktop  Music  Pictures  Templates
Desktop  Downloads  mohan.txt         OS1    Public    Videos
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ nano mohan.txt
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ cat mohan.txt
Hello Mohan Manjhi
using the cat command to read the file.
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ █

```

05. cd, pwd, commands

```

gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ cd ..
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ ls
boi      Documents  examples.desktop  Music  Pictures  Templates
Desktop  Downloads  mohan.txt         OS1    Public    Videos
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ cd Downloads
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ pwd
/home/gcl-19/Downloads
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ cd ..
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ pwd
/home/gcl-19
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ █

```

06. chgrp and ls command

```

mohan@Mohan:~/Downloads/os assignment 1$ ls -l
total 1248
-rw-rw-r-- 1 mohan mohan      0 Jan 11 22:01 atfile.txt
-rw-rw-r-- 1 mohan mohan     12 Jan 11 22:05 batch.txt
drwxrwxr-x 2 mohan mohan   4096 Jan 11 22:06 'command screenshot'
-rw-rw-r-- 1 mohan mohan 387238 Jan 11 21:46 'command screenshot.zip'
drwxrwxr-x 2 mohan mohan   4096 Jan 11 21:47 'Mohan Manjhi'
-rw-rw-r-- 1 mohan mohan 875183 Jan 11 21:46 'Mohan Manjhi.zip'
mohan@Mohan:~/Downloads/os assignment 1$ sudo chgrp mygrp atfile.txt
mohan@Mohan:~/Downloads/os assignment 1$ ls -l
total 1248
-rw-rw-r-- 1 mohan mygrp      0 Jan 11 22:01 atfile.txt
-rw-rw-r-- 1 mohan mohan     12 Jan 11 22:05 batch.txt
drwxrwxr-x 2 mohan mohan   4096 Jan 11 22:06 'command screenshot'
-rw-rw-r-- 1 mohan mohan 387238 Jan 11 21:46 'command screenshot.zip'
drwxrwxr-x 2 mohan mohan   4096 Jan 11 21:47 'Mohan Manjhi'
-rw-rw-r-- 1 mohan mohan 875183 Jan 11 21:46 'Mohan Manjhi.zip'
mohan@Mohan:~/Downloads/os assignment 1$ █

```

07. chmod command

```

mohan@mohan:~/Downloads/os assignment 1$ ls -l
total 1248
-rw-rw-r-- 1 mohan mygrp      0 Jan 11 22:01  atfile.txt
-rw-rw-r-- 1 mohan mohan     12 Jan 11 22:05  batch.txt
drwxrwxr-x 2 mohan mohan    4096 Jan 11 22:18  'command screenshot'
-rw-rw-r-- 1 mohan mohan 387238 Jan 11 21:46  'command screenshot.zip'
drwxrwxr-x 2 mohan mohan    4096 Jan 11 21:47  'Mohan Manjhi'
-rw-rw-r-- 1 mohan mohan 875183 Jan 11 21:46  'Mohan Manjhi.zip'
mohan@mohan:~/Downloads/os assignment 1$ chmod u+rwx atfile.txt
mohan@mohan:~/Downloads/os assignment 1$ ls -l
total 1248
-rwxrw-r-- 1 mohan mygrp      0 Jan 11 22:01  atfile.txt
-rw-rw-r-- 1 mohan mohan     12 Jan 11 22:05  batch.txt
drwxrwxr-x 2 mohan mohan    4096 Jan 11 22:18  'command screenshot'
-rw-rw-r-- 1 mohan mohan 387238 Jan 11 21:46  'command screenshot.zip'
drwxrwxr-x 2 mohan mohan    4096 Jan 11 21:47  'Mohan Manjhi'
-rw-rw-r-- 1 mohan mohan 875183 Jan 11 21:46  'Mohan Manjhi.zip'
mohan@mohan:~/Downloads/os assignment 1$ █

```

08. chown command

```

mohan@mohan:~/Downloads/os assignment 1$ ls -l
total 1248
-rwxrw-r-- 1 mohan mygrp      0 Jan 11 22:01  atfile.txt
-rw-rw-r-- 1 mohan mohan     12 Jan 11 22:05  batch.txt
drwxrwxr-x 2 mohan mohan    4096 Jan 11 23:16  'command screenshot'
-rw-rw-r-- 1 mohan mohan 387238 Jan 11 21:46  'command screenshot.zip'
drwxrwxr-x 2 mohan mohan    4096 Jan 11 21:47  'Mohan Manjhi'
-rw-rw-r-- 1 mohan mohan 875183 Jan 11 21:46  'Mohan Manjhi.zip'
mohan@mohan:~/Downloads/os assignment 1$ sudo chown ruhaan batch.txt
mohan@mohan:~/Downloads/os assignment 1$ ls -l
total 1248
-rwxrw-r-- 1 mohan mygrp      0 Jan 11 22:01  atfile.txt
-rw-rw-r-- 1 ruhaan mohan     12 Jan 11 22:05  batch.txt
drwxrwxr-x 2 mohan mohan    4096 Jan 11 23:16  'command screenshot'
-rw-rw-r-- 1 mohan mohan 387238 Jan 11 21:46  'command screenshot.zip'
drwxrwxr-x 2 mohan mohan    4096 Jan 11 21:47  'Mohan Manjhi'
-rw-rw-r-- 1 mohan mohan 875183 Jan 11 21:46  'Mohan Manjhi.zip'
mohan@mohan:~/Downloads/os assignment 1$ █

```

09. cd and clear command

```

gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ cd ..
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ ls
boi      Documents  examples.desktop  Music  Pictures  Templates
Desktop  Downloads  mohan.txt         OS1    Public    Videos
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ cd Downloads
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ pwd
/home/gcl-19/Downloads
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ cd ..
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ pwd
/home/gcl-19
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ clear █

```

10. cp command

```

mohan@Mohan:~/Downloads/os assignment 1$ ls
atfile.txt 'command screeshot' 'Mohan Manjhi'
batch.txt 'command screeshot.zip' 'Mohan Manjhi.zip'
mohan@Mohan:~/Downloads/os assignment 1$ cp 'command screeshot.zip'
'Mohan Manjhi.zip' 'Mohan Manjhi'
mohan@Mohan:~/Downloads/os assignment 1$ cd 'Mohan Manjhi'
mohan@Mohan:~/Downloads/os assignment 1/Mohan Manjhi$ ls
atfile.txt 'command screeshot.zip' 'Mohan Manjhi.zip'
mohan@Mohan:~/Downloads/os assignment 1/Mohan Manjhi$ 

```

11. cat and cut command

```

mohan@Mohan:~/Downloads/os assignment 1$ cat employees.txt
199 Douglas, Grant DGRANT,650.507.9844 13-JAN-08 SH_CLERK
200 Jennifer, Whalen JWHALEN,515.123.4444 17-SEP-03 AD_ASS
201 Michael, Harts MHARTSTE,515.123.5555 17-FEB-04 MK_MAN
202 Pat,Fay, PFAY 603.123.6666, 17-AUG-05 MK_REP

mohan@Mohan:~/Downloads/os assignment 1$ cut -f 1 employees.txt
199
200
201
202

mohan@Mohan:~/Downloads/os assignment 1$ cut -f 2,3,4 employees.txt
Douglas, Grant DGRANT,650.507.9844
Jennifer, Whalen JWHALEN,515.123.4444
Michael, Harts MHARTSTE,515.123.5555
Pat,Fay, PFAY 603.123.6666,

```

12. dc command

```

mohan@Mohan:~/Downloads/os assignment 1$ dc --expression "50 10 * 9+ p"
509
mohan@Mohan:~/Downloads/os assignment 1$ dc --expression "50 10 * 9 + 4 5 f"
5
4
509
mohan@Mohan:~/Downloads/os assignment 1$ 

```

13. df command

```

mohan@Mohan:~/Downloads$ df
Filesystem      1K-blocks    Used Available Use% Mounted on
tmpfs           400104      1572   398532    1% /run
/dev/sda3       27134084 15054296  10676092  59% /
tmpfs           2000508     52752  1947756    3% /dev/shm
tmpfs           5120         4     5116    1% /run/lock
/dev/sda2       524252     6220   518032    2% /boot/efi
tmpfs           400100      112   399988    1% /run/user/1000
mohan@Mohan:~/Downloads$ df 'os assignment 1'
Filesystem      1K-blocks    Used Available Use% Mounted on
/dev/sda3       27134084 15054296  10676092  59% /
mohan@Mohan:~/Downloads$ 

```


14. dir command

```
mohan@mohan:~/Downloads/os assignment 1$ dir
atfile.txt  command\ screenshot      employees.txt  Mohan\ Manjhi
batch.txt   command\ screenshot.zip   employee.txt   Mohan\ Manjhi.zip
mohan@mohan:~/Downloads/os assignment 1$ dir -a
.   atfile.txt  command\ screenshot      employees.txt  Mohan\ Manjhi
..  batch.txt   command\ screenshot.zip   employee.txt   Mohan\ Manjhi.zip
```

15. du command

```
mohan@mohan:~/Downloads/os assignment 1$ ls
atfile.txt  'command screenshot'      employees.txt  'Mohan Manjhi'
batch.txt   'command screenshot.zip'  employee.txt   'Mohan Manjhi.zip'
mohan@mohan:~/Downloads/os assignment 1$ du 'command screenshot'
1732      command screenshot
mohan@mohan:~/Downloads/os assignment 1$ du employees.txt
4         employees.txt
mohan@mohan:~/Downloads/os assignment 1$
```

16. echo command

```
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ echo "mohan manjhi"
mohan manjhi
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ x=10
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ echo The value of x is $x
The value of x is 10
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ echo "Here I am using echo command"
Here I am using echo command
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$
```

17. fdisk command

```
mohan@mohan:~/Downloads/os assignment 1$ sudo fdisk -l
Disk /dev/loop0: 4 KiB, 4096 bytes, 8 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/loop1: 63.45 MiB, 66531328 bytes, 129944 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/loop2: 73.88 MiB, 77463552 bytes, 151296 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
```

18. file command

```

mohan@mohan:~/Downloads/os assignment 1$ ls
atfile.txt 'command screenshot' employees.txt 'Mohan Manjhi'
batch.txt 'command screenshot.zip' employee.txt 'Mohan Manjhi.zip'
mohan@mohan:~/Downloads/os assignment 1$ file employees.txt
employees.txt: ASCII text
mohan@mohan:~/Downloads/os assignment 1$ file 'Mohan Manjhi.zip'
Mohan Manjhi.zip: Zip archive data, at least v2.0 to extract, compression method=store
mohan@mohan:~/Downloads/os assignment 1$

```

19. find command

```

mohan@mohan:~/Downloads/os assignment 1$ ls
atfile.txt 'command screenshot' employees.txt fmtcmd.txt 'Mohan Manjhi.zip'
batch.txt 'command screenshot.zip' employee.txt 'Mohan Manjhi'
mohan@mohan:~/Downloads/os assignment 1$ find -name fmtcmd.txt
./fmtcmd.txt
mohan@mohan:~/Downloads/os assignment 1$ find -iname Fmtcmd.txt
./fmtcmd.txt
mohan@mohan:~/Downloads/os assignment 1$ find -empty
./Mohan Manjhi/atfile.txt
./atfile.txt
mohan@mohan:~/Downloads/os assignment 1$

```

20. fmt command

```

mohan@mohan:~/Downloads/os assignment 1$ ls
atfile.txt 'command screenshot' employees.txt fmtcmd.txt 'Mohan Manjhi.zip'
batch.txt 'command screenshot.zip' employee.txt 'Mohan Manjhi'
mohan@mohan:~/Downloads/os assignment 1$ cat fmtcmd.txt
hello
mohan
manjhi
i am
fmt command
to format a text file.
mohan@mohan:~/Downloads/os assignment 1$ fmt fmtcmd.txt
hello mohan manjhi i am fmt command to format a text file.
mohan@mohan:~/Downloads/os assignment 1$

```

21. free command

```

mohan@mohan:~/Downloads/os assignment 1$ free
              total        used        free      shared  buff/cache   available
Mem:           4001016       1553520        213596        133972        2233900        2063960
Swap:          2959356           12        2959344
mohan@mohan:~/Downloads/os assignment 1$ free -b
              total        used        free      shared  buff/cache   available
Mem:          4097040384      1591300096        219754496      135614464      2285985792      2114572288
Swap:          3030380544         12288      3030368256
mohan@mohan:~/Downloads/os assignment 1$ free -m
              total        used        free      shared  buff/cache   available
Mem:              3907          1517           209          129           2180           2016
Swap:             2889              0          2889
mohan@mohan:~/Downloads/os assignment 1$ free -k
              total        used        free      shared  buff/cache   available
Mem:           4001016       1553136        215108        132436        2232772        2065876
Swap:          2959356           12        2959344
mohan@mohan:~/Downloads/os assignment 1$

```

22. fsck command

```

mohan@mohan:~/Downloads/os assignment 1$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs            391M  1.6M  390M   1% /run
/dev/sda3        26G   15G   11G  59% /
tmpfs            2.0G   38M   1.9G   2% /dev/shm
tmpfs            5.0M   4.0K   5.0M   1% /run/lock
/dev/sda2        512M   6.1M  506M   2% /boot/efi
tmpfs            391M  120K   391M   1% /run/user/1000
mohan@mohan:~/Downloads/os assignment 1$ sudo fsck /dev/sda3
fsck from util-linux 2.37.2
e2fsck 1.46.5 (30-Dec-2021)
/dev/sda3 is mounted.
e2fsck: Cannot continue, aborting.

mohan@mohan:~/Downloads/os assignment 1$ sudo fsck /dev/sda2
fsck from util-linux 2.37.2
fsck.fat 4.2 (2021-01-31)
There are differences between boot sector and its backup.
This is mostly harmless. Differences: (offset:original/backup)
 65:01/00
1) Copy original to backup
2) Copy backup to original
3) No action

```

23. grep command

```

mohan@mohan:~/Downloads/os assignment 1$ ls
atfile.txt 'command screenshot' employees.txt fmtcmd.txt 'Mohan Manjhi.zip'
batch.txt 'command screenshot.zip' employee.txt 'Mohan Manjhi'
mohan@mohan:~/Downloads/os assignment 1$ grep mohan fmtcmd.txt employee.txt
fmtcmd.txt:mohan
employee.txt:mohan manjhi
mohan@mohan:~/Downloads/os assignment 1$ grep hello fmtcmd.txt
hello
mohan@mohan:~/Downloads/os assignment 1$ █

```

24. gunzip command

```

$ ls
dir.zip.gz file1.txt file2.txt.gz folder1 folder2 myfile.zip.gz
$ gunzip file2.txt.gz
$ ls
dir.zip.gz file1.txt file2.txt folder1 folder2 myfile.zip.gz
$ gunzip -k myfile.zip.gz
$ ls
dir.zip.gz file1.txt file2.txt folder1 folder2 myfile.zip myfile.zip.gz
$ gunzip dir.zip.gz myfile.zip.gz
gzip: myfile.zip already exists; do you wish to overwrite (y or n)? y
$ ls
dir.zip file1.txt file2.txt folder1 folder2 myfile.zip
$ █

```

25. gzip command

```
$ cd gzipCmd
$ ls
dir.zip file1.txt file2.txt folder1 folder2 myfile.zip
$ gzip -f file1.txt
$ ls
dir.zip file1.txt.gz file2.txt folder1 folder2 myfile.zip
$ gzip -f dir.zip myfile.zip
$ ls
dir.zip.gz file1.txt.gz file2.txt folder1 folder2 myfile.zip.gz
$ gzip -k file2.txt
$ ls
dir.zip.gz file1.txt.gz file2.txt file2.txt.gz folder1 folder2 myfile.zip.gz
$ gzip -d file1.txt.gz
$ ks
-sh: 62: ks: not found
$ ls
dir.zip.gz file1.txt file2.txt file2.txt.gz folder1 folder2 myfile.zip.gz
```

26. kill command

```
mohan@mohan:~/Downloads/os assignment 1$ kill -l
 1) SIGHUP      2) SIGINT      3) SIGQUIT     4) SIGILL      5) SIGTRAP
 6) SIGABRT     7) SIGBUS     8) SIGFPE     9) SIGKILL     10) SIGUSR1
11) SIGSEGV    12) SIGUSR2   13) SIGPIPE   14) SIGALRM    15) SIGTERM
16) SIGSTKFLT  17) SIGCHLD  18) SIGCONT   19) SIGSTOP    20) SIGTSTP
21) SIGTTIN    22) SIGTTOU   23) SIGURG    24) SIGXCPU    25) SIGXFSZ
26) SIGVTALRM  27) SIGPROF  28) SIGWINCH  29) SIGIO      30) SIGPWR
31) SIGSYS     34) SIGRTMIN  35) SIGRTMIN+1 36) SIGRTMIN+2 37) SIGRTMIN+3
38) SIGRTMIN+4 39) SIGRTMIN+5 40) SIGRTMIN+6 41) SIGRTMIN+7 42) SIGRTMIN+8
43) SIGRTMIN+9 44) SIGRTMIN+10 45) SIGRTMIN+11 46) SIGRTMIN+12 47) SIGRTMIN+13
48) SIGRTMIN+14 49) SIGRTMIN+15 50) SIGRTMAX-14 51) SIGRTMAX-13 52) SIGRTMAX-12
53) SIGRTMAX-11 54) SIGRTMAX-10 55) SIGRTMAX-9 56) SIGRTMAX-8 57) SIGRTMAX-7
58) SIGRTMAX-6 59) SIGRTMAX-5 60) SIGRTMAX-4 61) SIGRTMAX-3 62) SIGRTMAX-2
63) SIGRTMAX-1 64) SIGRTMAX

mohan@mohan:~/Downloads/os assignment 1$ top -n3 | grep firefox
 14123 mohan      20    0 3265060 330372 142592 R  16.3   8.3   0:20.72 firefox
 14123 mohan      20    0 3260996 328776 142592 S  46.7   8.2   0:22.13 firefox

mohan@mohan:~/Downloads/os assignment 1$ kill -9 14123
mohan@mohan:~/Downloads/os assignment 1$ top -n3 | grep firefox
mohan@mohan:~/Downloads/os assignment 1$
```

27. locate command

```
mohan@mohan:~/Downloads/os assignment 1$ locate mysql
/etc/apparmor.d/abstractions/mysql
/snap/core20/1974/etc/apparmor.d/abstractions/mysql
/snap/core20/1974/usr/share/bash-completion/completions/mysql
/snap/core20/1974/usr/share/bash-completion/completions/mysqladmin
/snap/core20/2105/etc/apparmor.d/abstractions/mysql
/snap/core20/2105/usr/share/bash-completion/completions/mysql
/snap/core20/2105/usr/share/bash-completion/completions/mysqladmin
/snap/core22/1033/etc/apparmor.d/abstractions/mysql
/snap/core22/1033/usr/share/bash-completion/completions/mysql
/snap/core22/1033/usr/share/bash-completion/completions/mysqladmin
/snap/core22/858/etc/apparmor.d/abstractions/mysql
/snap/core22/858/usr/share/bash-completion/completions/mysql
/snap/core22/858/usr/share/bash-completion/completions/mysqladmin
/snap/snapd/19457/usr/lib/snapd/apparmor.d/abstractions/mysql
/snap/snapd/20671/usr/lib/snapd/apparmor.d/abstractions/mysql
/usr/share/bash-completion/completions/mysql
/usr/share/bash-completion/completions/mysqladmin
/usr/share/libreoffice/help/en-US/text/sdatabase/dabawiz02mysql.html
mohan@mohan:~/Downloads/os assignment 1$ locate atfile.txt
/home/mohan/Downloads/os assignment 1/atfile.txt
/home/mohan/Downloads/os assignment 1/Mohan Manjhi/atfile.txt
mohan@mohan:~/Downloads/os assignment 1$
```


28. make command

```

mohan@mohan:~/Downloads/os assignment 1$ nano Makefile
mohan@mohan:~/Downloads/os assignment 1$ make
gcc -c main.c
gcc -c text.c
gcc main.o text.o -o my_app
mohan@mohan:~/Downloads/os assignment 1$ ./my_app
Hello Mohan Manjhi I am Here!
mohan@mohan:~/Downloads/os assignment 1$ █

```

29. man command

```

$ man ls
$ █

```

```

LS(1)                                User Commands                                LS(1)

NAME
    ls - list directory contents

SYNOPSIS
    ls [OPTION]... [FILE]...

DESCRIPTION
    List information about the FILES (the current directory by default). Sort
    entries alphabetically if none of -cftuvSUX nor --sort is specified.

    Mandatory arguments to long options are mandatory for short options too.

    -a, --all
        do not ignore entries starting with .

    -A, --almost-all
        do not list implied . and ..

    --author
        with -l, print the author of each file

    -b, --escape
        print C-style escapes for nongraphic characters

    --block-size=SIZE
        with -l, scale sizes by SIZE when printing them; e.g.,
        '--block-size=M'; see SIZE format below

    -B, --ignore-backups
        do not list implied entries ending with ~

    -c
        with -lt: sort by, and show, ctime (time of last modification of file
        status information); with -l: show ctime and sort by name; otherwise:
        sort by ctime, newest first

    -C
        list entries by columns

```

30. mkdir, rmdir and rm commands

```

gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ ls
boi      Documents  examples.desktop  Music  Pictures  Templates
Desktop  Downloads  mohan.txt         OS1    Public    Videos
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ mkdir mohan
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ ls
boi      Downloads      mohan.txt  Pictures  Videos
Desktop  examples.desktop  Music      Public
Documents mohan          OS1        Templates
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ cd mohan
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/mohan$ ls
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/mohan$ touch mohan.txt
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/mohan$ ls
mohan.txt
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/mohan$ rm mohan.txt
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/mohan$ ls
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/mohan$ cd ..
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ ls
boi      Downloads      mohan.txt  Pictures  Videos
Desktop  examples.desktop  Music      Public
Documents mohan          OS1        Templates
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ rmdir mohan
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ ls
boi      Documents  examples.desktop  Music  Pictures  Templates
Desktop  Downloads  mohan.txt         OS1    Public    Videos
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ rm mohan.txt
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ ls
boi      Downloads      OS1        Templates
Desktop  examples.desktop  Pictures    Videos
Documents Music           Public
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~$ █

```

31. mke2fs command

```

mohan@Mohan:~/Downloads/os assignment 1$ mke2fs ~/backup.img
mke2fs 1.46.5 (30-Dec-2021)
/home/mohan/backup.img contains a ext2 file system
created on Sat Jan 13 22:01:57 2024
Proceed anyway? (y,N) y
Discarding device blocks: done
Creating filesystem with 25600 4k blocks and 25600 inodes

Allocating group tables: done
Writing inode tables: done
Writing superblocks and filesystem accounting information: done

```

32. mkfs command

```
mohan@Mohan:~/Downloads/os assignment 1$ mkfs ~/backup.img
mke2fs 1.46.5 (30-Dec-2021)
Discarding device blocks: done
Creating filesystem with 25600 4k blocks and 25600 inodes

Allocating group tables: done
Writing inode tables: done
Writing superblocks and filesystem accounting information: done

mohan@Mohan:~/Downloads/os assignment 1$
```

33. more command

```
mohan@Mohan:~/Downloads/os assignment 1$ more file.txt

The format of a 500-word scholarship essay is similar to a shorter essay. Each paragraph is about 75-125 words, and it consists of 3-5 well-written sentences. If you are writing a story or personal anecdote, the formatting can be more like a novel than a news article. It is ok to use 10% less or more words.

The main components of a 500-word essay include:
The introductory paragraph is to get your reader's attention and lay a foundation for your essay.
This first step is to write a topic sentence. This could be a question or statement that you will answer or explain in the balance of the essay. The other sentences in the first paragraph open up the topic and can be 3-4 sentences. (60-90 words)
The body paragraphs are what you use to back up your essay. Each paragraph should have its own intro and conclusion.
Some people use the PEE principle (point, evidence, explanation). At the most use 1 point per paragraph.

--More--(33%)
```

34. mount command

```
mohan@Mohan:~/Downloads/os assignment 1$ mount -V
mount from util-linux 2.37.2 (libmount 2.37.2: selinux, smack, btrfs,
verity, namespaces, assert, debug)
mohan@Mohan:~/Downloads/os assignment 1$ mount -t ext4
/dev/sda3 on / type ext4 (rw,relatime,errors=remount-ro)
/dev/sda3 on /var/snap/firefox/common/host-hunspell type ext4 (ro,noexec,noatime,errors=remount-ro)
mohan@Mohan:~/Downloads/os assignment 1$
```

35. nohup command

```
mohan@Mohan:~/Downloads/os assignment 1$ nohup bash -c 'cal && ls'
nohup: ignoring input and appending output to 'nohup.out'
mohan@Mohan:~/Downloads/os assignment 1$ cat nohup.out
bash: line 1: cal: command not found
    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

atfile.txt
batch.txt
command screenshot
command screenshot.zip
employees.txt
```

36. passwd command

```
mohan@Mohan:~/Downloads/os assignment 1$ passwd mohan
Changing password for mohan.
Current password:
New password:
Retype new password:
passwd: password updated successfully
mohan@Mohan:~/Downloads/os assignment 1$
```

37. pr command

```
mohan@Mohan:~/Downloads/os assignment 1$ pr --version
pr (GNU coreutils) 8.32
Copyright (C) 2020 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

Written by Pete TerMaat and Roland Huebner.
mohan@Mohan:~/Downloads/os assignment 1$ pr main.c

2024-01-13 21:59                                main.c                                Page 1

#include "text.h"

int main(){
    myText();
    return(0);
}
```


38. ps command

```
mohan@mohan:~/Downloads/os assignment 1$ ps
  PID TTY          TIME CMD
 17021 pts/1    00:00:00 bash
 17314 pts/1    00:00:00 ps
mohan@mohan:~/Downloads/os assignment 1$ ps x
  PID TTY          STAT TIME COMMAND
  7018 ?        Ss     0:07 /lib/systemd/systemd --user
  7019 ?        S       0:00 (sd-pam)
  7025 ?        S<sl   0:00 /usr/bin/pipewire
  7026 ?        Ssl    0:00 /usr/bin/pipewire-media-session
```

39. pwd command

```
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ ls
C024508_OS_LA_I-1.pdf  C024508_OS_LA_I-4.pdf
C024508_OS_LA_I-2.pdf  C024508_OS_LA_I.pdf
C024508_OS_LA_I-3.pdf
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ pwd
/home/gcl-19/Downloads
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ █
```

40. shutdown command

```
mohan@mohan:~/Downloads/os assignment 1$ shutdown
Shutdown scheduled for Sat 2024-01-13 22:57:30 IST, use 'shutdown -c' to cancel.
mohan@mohan:~/Downloads/os assignment 1$ █
```

41. sort command

```
mohan@mohan:~/Downloads/os assignment 1$ cat letter
x
d
g
a
j
m
b
c
mohan@mohan:~/Downloads/os assignment 1$ sort letter
a
b
c
d
g
j
m
x
mohan@mohan:~/Downloads/os assignment 1$ █
```

42. stat command

```

mohan@mohan:~/Downloads/os assignment 1$ stat letter
  File: letter
  Size: 16          Blocks: 8          IO Block: 4096   regular file
Device: 803h/2051d Inode: 1198268    Links: 1
Access: (0664/-rw-rw-r--)  Uid: ( 1000/   mohan)   Gid: ( 1000/   mohan)
Access: 2024-01-13 22:59:33.728049181 +0530
Modify: 2024-01-13 22:59:26.811506678 +0530
Change: 2024-01-13 22:59:26.811506678 +0530
 Birth: 2024-01-13 22:59:26.811506678 +0530
mohan@mohan:~/Downloads/os assignment 1$ stat file.txt
  File: file.txt
  Size: 2844        Blocks: 8          IO Block: 4096   regular file
Device: 803h/2051d Inode: 1195508    Links: 1
Access: (0664/-rw-rw-r--)  Uid: ( 1000/   mohan)   Gid: ( 1000/   mohan)
Access: 2024-01-13 22:26:09.630346918 +0530
Modify: 2024-01-13 22:26:01.074251218 +0530
Change: 2024-01-13 22:26:01.082251309 +0530
 Birth: 2024-01-13 22:26:01.066251129 +0530

```

43. stty command

```

mohan@mohan:~/Downloads/os assignment 1$ stty
speed 38400 baud; line = 0;
-brkint -imaxbel iutf8
mohan@mohan:~/Downloads/os assignment 1$ stty --all
speed 38400 baud; rows 29; columns 93; line = 0;
intr = ^C; quit = ^\; erase = ^?; kill = ^U; eof = ^D; eol = <undef>; eol2 = <undef>;
swtch = <undef>; start = ^Q; stop = ^S; susp = ^Z; rpnt = ^R; werase = ^W; lnext = ^V;
discard = ^O; min = 1; time = 0;
-parenb -parodd -cmspar cs8 -hupcl -cstopb cread -clocal -crtscts
-ignbrk -brkint -ignpar -parmrk -inpck -istrip -inlcr -igncr icrnl ixon -ixoff -iuc lc -ixany
-imaxbel iutf8
opost -olcuc -ocrnl onlcr -onocr -onlret -ofill -ofdel nl0 cr0 tab0 bs0 vt0 ff0
isig icanon iexten echo echoe echok -echonl -noflsh -xcase -tostop -echoprt echoctl echoke
-flusho -extproc
mohan@mohan:~/Downloads/os assignment 1$ stty --version
stty (GNU coreutils) 8.32
Copyright (C) 2020 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

Written by David MacKenzie.

```

44. su command

```

gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ whoami
gcl-19
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ su mohan
Password:
mohan@gcl19-HP-Compaq-Elite-8300-MT:/home/gcl-19/Downloads$ whoami
mohan
mohan@gcl19-HP-Compaq-Elite-8300-MT:/home/gcl-19/Downloads$ su gcl-19
Password:
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ whoami
gcl-19
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ █

```

45. tail command

```

mohan@Mohan:~/Downloads/os assignment 1$ tail employees.txt
199 Douglas, Grant DGRANT,650.507.9844 13-JAN-08 SH_CLERK
200 Jennifer, Whalen JWHALEN,515.123.4444 17-SEP-03 AD_ASS
201 Michael, Harts MHARTSTE,515.123.5555 17-FEB-04 MK_MAN
202 Pat,Fay, PFAY 603.123.6666, 17-AUG-05 MK_REP

mohan@Mohan:~/Downloads/os assignment 1$ tail -3 employees.txt
201 Michael, Harts MHARTSTE,515.123.5555 17-FEB-04 MK_MAN
202 Pat,Fay, PFAY 603.123.6666, 17-AUG-05 MK_REP

mohan@Mohan:~/Downloads/os assignment 1$ tail -2 employees.txt
202 Pat,Fay, PFAY 603.123.6666, 17-AUG-05 MK_REP

```

46. tar command

```

mohan@Mohan:~/Downloads/os assignment 1$ ls 'Mohan Manjhi/'
atfile.txt 'command screeshot.zip' 'Mohan Manjhi.zip'
mohan@Mohan:~/Downloads/os assignment 1$ tar -cvf tarFile.tar 'Mohan Manjhi/'
Mohan Manjhi/
Mohan Manjhi/Mohan Manjhi.zip
Mohan Manjhi/command screeshot.zip
Mohan Manjhi/atfile.txt
mohan@Mohan:~/Downloads/os assignment 1$ ls
atfile.txt      employees.txt  letter      'Mohan Manjhi'      tarFile.tar
batch.txt       employee.txt  main.c      'Mohan Manjhi.zip'  text.c
'command screeshot' file.txt      main.o      my_app              text.h
'command screeshot.zip' fmtcmd.txt    Makefile    nohup.out           text.o
mohan@Mohan:~/Downloads/os assignment 1$ tar -cvf textFile.tar *.txt
atfile.txt
batch.txt
employees.txt
employee.txt
file.txt
fmtcmd.txt
mohan@Mohan:~/Downloads/os assignment 1$ ls
atfile.txt      employee.txt  main.o      nohup.out      text.o
batch.txt       file.txt     Makefile    tarFile.tar
'command screeshot' fmtcmd.txt   'Mohan Manjhi' text.c
'command screeshot.zip' letter      'Mohan Manjhi.zip' textFile.tar
employees.txt   main.c      my_app      text.h
mohan@Mohan:~/Downloads/os assignment 1$

```

47. tee command

```

mohan@Mohan:~/Downloads/os assignment 1/Mohan Manjhi$ ls |tee list1.txt list2.txt
atfile.txt
command screeshot.zip
list1.txt
list2.txt
Mohan Manjhi.zip
mohan@Mohan:~/Downloads/os assignment 1/Mohan Manjhi$ cat list1.txt
atfile.txt
command screeshot.zip
list1.txt
list2.txt
Mohan Manjhi.zip
mohan@Mohan:~/Downloads/os assignment 1/Mohan Manjhi$ cat list2.txt
atfile.txt
command screeshot.zip
list1.txt
list2.txt
Mohan Manjhi.zip
mohan@Mohan:~/Downloads/os assignment 1/Mohan Manjhi$

```

48. tput command

```

mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ tput
Usage: tput [options] [command]

Options:
  -S <<      read commands from standard input
  -T TERM     use this instead of $TERM
  -V         print curses-version
  -x         do not try to clear scrollbar

Commands:
  clear      clear the screen
  init       initialize the terminal
  reset      reinitialize the terminal
  capname    unlike clear/init/reset, print value for capability "capname"
mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ tput init
mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ tput -V
ncurses 6.3.20211021
mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ 

```

49. umount command

```

mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ umount -a -v
umount: /run/snapd/ns/firefox.mnt: must be superuser to unmount.
umount: /run/user/1000/doc: must be superuser to unmount.
umount: /run/user/1000/gvfs: must be superuser to unmount.
umount: /run/user/1000: must be superuser to unmount.
umount: /run/snapd/ns/snapd-desktop-integration.mnt: must be superuser to unmount.
umount: /snap/core22/1033: must be superuser to unmount.
umount: /snap/core20/2105: must be superuser to unmount.
umount: /run/snapd/ns: must be superuser to unmount.
umount: /proc/sys/fs/binfmt_misc: must be superuser to unmount.
umount: /boot/efi: must be superuser to unmount.

```

50. uname command

```

mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ uname -a
Linux Mohan 6.5.0-14-generic #14~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Mon Nov 20 18:15:30 UT
C 2 x86_64 x86_64 x86_64 GNU/Linux
mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ uname --kernel-name
Linux
mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ uname --kernel-release
6.5.0-14-generic
mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ 

```


51. unzip command

```

gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan/zipfiles$ ls
dir.zip  myfile.zip  pswd.zip
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan/zipfiles$ unzip myfile.zip
Archive:  myfile.zip
  extracting: file1.txt
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan/zipfiles$ ls
dir.zip  file1.txt  myfile.zip  pswd.zip
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan/zipfiles$ unzip -l dir.zip
Archive:  dir.zip
  Length      Date    Time    Name
  -----
         0  2024-01-11 11:30  folder1/
         0
      1 file
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan/zipfiles$ unzip -v dir.zip
Archive:  dir.zip
  Length  Method      Size  Cmpr   Date    Time    CRC-32   Name
  -----
         0  Stored        0   0%  2024-01-11 11:30  00000000  folder1/
         0
      1 file
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan/zipfiles$ unzip "*.zip"
Archive:  pswd.zip
[pswd.zip] file1.txt password:
replace file1.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: y
  extracting: file1.txt
  extracting: file2.txt

Archive:  dir.zip
  creating: folder1/

Archive:  myfile.zip
replace file1.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: y
  extracting: file1.txt

3 archives were successfully processed.
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan/zipfiles$ ls
dir.zip  file1.txt  file2.txt  folder1  myfile.zip  pswd.zip
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan/zipfiles$ █

```

52. vdir command

```

mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ vdir
total 1244
-rwxrw-r-- 1 mohan mohan      0 Jan 11 23:25 atfile.txt
-rw-rw-r-- 1 mohan mohan 387238 Jan 11 23:28 command\ screenshot.zip
-rw-rw-r-- 1 mohan mohan   70 Jan 13 23:19 list1.txt
-rw-rw-r-- 1 mohan mohan   70 Jan 13 23:19 list2.txt
-rw-rw-r-- 1 mohan mohan 875183 Jan 11 23:28 Mohan\ Manjhi.zip
mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ █

```

53. view command

```

mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ man view
mohan@mohan:~/Downloads/os assignment 1/Mohan Manjhi$ view fileview.txt
E1187: Failed to source defaults.vim
Press ENTER or type command to continue █

```

```

view command is ex command of vim it is use to read file and write file. █
~
~
~
~
~
~
~
-- INSERT -- W10: Warning: Changing a readonly file

```

54. wall command

```
$ wall "hello sarthak"
Broadcast message from be22-148@veerendra (pts/9) (Thu Jan 11 18:01:35 2024):
hello sarthak
```

55. wc command

```
mohan@Mohan:~/Downloads/os assignment 1$ wc file.txt
 41  510 2844 file.txt
mohan@Mohan:~/Downloads/os assignment 1$ wc -w file.txt
510 file.txt
mohan@Mohan:~/Downloads/os assignment 1$ wc -l file.txt
41 file.txt
mohan@Mohan:~/Downloads/os assignment 1$ wc -m file.txt
2842 file.txt
mohan@Mohan:~/Downloads/os assignment 1$
```

56. whatis command

```
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ whatis pwd touch mkdir rm cat
pwd (1)          - print name of current/working directory
touch (1)         - change file timestamps
mkdir (1)         - make directories
mkdir (2)        - create a directory
rm (1)           - remove files or directories
cat (1)          - concatenate files and print on the standard output
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ whatis whatis
whatis (1)       - display one-line manual page descriptions
```

57. whereis command

```
mohan@Mohan:~/Downloads/os assignment 1$ whereis -l
bin: /usr/bin
bin: /usr/sbin
bin: /usr/lib/x86_64-linux-gnu
bin: /usr/lib
bin: /usr/lib32
bin: /usr/lib64
bin: /etc
bin: /usr/games
bin: /usr/local/bin
```

58. which command

```
mohan@Mohan:~/Downloads/os assignment 1$ which touch
/usr/bin/touch
mohan@Mohan:~/Downloads/os assignment 1$ which -a touch
/usr/bin/touch
/bin/touch
mohan@Mohan:~/Downloads/os assignment 1$ which file
/usr/bin/file
mohan@Mohan:~/Downloads/os assignment 1$ which bin
mohan@Mohan:~/Downloads/os assignment 1$
```

59. who command

```
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ who
gcl-19    :0                2024-01-09 16:11 (:0)
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ who -m -H
NAME      LINE      TIME      COMMENT
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ who -a
          system boot    2024-01-09 16:09
          run-level 5     2024-01-09 16:10
gcl-19    ? :0                2024-01-09 16:11    ?                1243 (:0)
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ who -T -H
NAME      LINE      TIME      COMMENT
gcl-19    ? :0                2024-01-09 16:11 (:0)
```

60. whoami command

```
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ whoami
gcl-19
gcl-19@gcl19-HP-Compaq-Elite-8300-MT:~/Downloads$ sudo whoami
[sudo] password for gcl-19:
root
```

61. zip command

```
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan$ ls
file1.txt file2.txt folder1 folder2
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan$ zip myfile.zip file1.txt
adding: file1.txt (stored 0%)
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan$ ls
file1.txt file2.txt folder1 folder2 myfile.zip
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan$ zip -r dir.zip folder1
adding: folder1/ (stored 0%)
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan$ ls
dir.zip file1.txt file2.txt folder1 folder2 myfile.zip
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan$ zip -u myfile.zip myfile.zip file2.txt
adding: file2.txt (stored 0%)
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan$ zip -d myfile.zip file2.txt
deleting: file2.txt
gcl-68@gcl68-HP-Compaq-Elite-8300-MT:~/mohan$ zip -e pswd.zip file1.txt file2.txt
Enter password:
Verify password:
adding: file1.txt (stored 0%)
adding: file2.txt (stored 0%)
```