

```
nandita@DESKTOP-2LH63U6: ~  
nandita@DESKTOP-2LH63U6:~$ ls  
CO_Practice  Gym-Project-Management  OSLab1  
nandita@DESKTOP-2LH63U6:~$ ls -l  
total 12  
drwxr-xr-x 13 nandita nandita 4096 Apr 22 17:20 CO_Practice  
drwxr-xr-x  4 nandita nandita 4096 Apr  9 10:41 Gym-Project-Management  
drwxr-xr-x  2 nandita nandita 4096 Aug  7 16:11 OSLab1  
nandita@DESKTOP-2LH63U6:~$ ll  
total 68  
drwxr-xr-x 10 nandita nandita  4096 Aug  7 16:15 ./  
drwxr-xr-x  3 root    root    4096 Mar 16 13:10 ../  
-rw-r--r--  1 nandita nandita 13007 Aug  7 16:09 .bash_history  
-rw-r--r--  1 nandita nandita   220 Mar 16 13:10 .bash_logout  
-rw-r--r--  1 nandita nandita  3771 Mar 16 13:10 .bashrc  
drwxr-xr-x  8 nandita nandita  4096 Apr  9 10:50 .git/  
drwxr-xr-x  2 nandita nandita  4096 Mar 16 13:10 .landscape/  
-rw-r--r--  1 nandita nandita   807 Mar 16 13:10 .profile  
drwx----- 2 nandita nandita  4096 Mar 20 22:29 .ssh/  
-rw-r--r--  1 nandita nandita     0 Mar 16 13:13 .sudo_as_admin_successful  
drwxr-xr-x  2 nandita nandita  4096 Aug  7 15:09 .vscode/  
drwxr-xr-x  5 nandita nandita  4096 Mar 16 13:24 .vscode-server/  
drwxr-xr-x 13 nandita nandita  4096 Apr 22 17:20 CO_Practice/  
drwxr-xr-x  4 nandita nandita  4096 Apr  9 10:41 Gym-Project-Management/  
drwxr-xr-x  2 nandita nandita  4096 Aug  7 16:11 OSLab1/
```

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nandita@DESKTOP-2LH63U6: ~  
nandita@DESKTOP-2LH63U6:~$ ls  
CO_Practice  Gym-Project-Management  OSLab1  sample.txt  
nandita@DESKTOP-2LH63U6:~$ cat sample.txt  
LOREM IPSUM DOLOR SIT AMET,  
consectetur adipiscing elit.  
Vestibulum convallis, magna vel  
congue bibendum, lacus augue fermentum  
urna, nec fermentum purus justo quis sem.  
In interdum in arcu sed porta. Fusce ultrices  
egestas lorem ac mattis. Sed efficitur ante in  
velit varius, at suscipit erat ullamcorper. Donec  
modo molestie nunc ac molestie. Mauris vulputate  
pellentesque. Nulla eu ex in neque aliquam varius  
uam gravida, mi vitae sagittis porta, magna ex  
rutrum orci, vitae feugiat velit velit vitae  
tellus. Cras sit amet sapien eu magna condimentum  
ada. Sed ante dolor, porttitor sit amet metus sed,  
pharetra hendrerit lorem.  
nandita@DESKTOP-2LH63U6:~$ more sample.txt  
LOREM IPSUM DOLOR SIT AMET,  
consectetur adipiscing elit.  
Vestibulum convallis, magna vel  
congue bibendum, lacus augue fermentum  
urna, nec fermentum purus justo quis sem.  
In interdum in arcu sed porta. Fusce ultrices  
egestas lorem ac mattis. Sed efficitur ante in  
velit varius, at suscipit erat ullamcorper. Donec  
modo molestie nunc ac molestie. Mauris vulputate  
pellentesque. Nulla eu ex in neque aliquam varius  
uam gravida, mi vitae sagittis porta, magna ex  
rutrum orci, vitae feugiat velit velit vitae  
tellus. Cras sit amet sapien eu magna condimentum  
ada. Sed ante dolor, porttitor sit amet metus sed,  
pharetra hendrerit lorem.
```

```
nandita@DESKTOP-2LH63U6: ~  
LOREM IPSUM DOLOR SIT AMET,  
consectetur adipiscing elit.  
Vestibulum convallis, magna vel  
congue bibendum, lacus augue fermentum  
urna, nec fermentum purus justo quis sem.  
In interdum in arcu sed porta. Fusce ultrices  
egestas lorem ac mattis. Sed efficitur ante in  
velit varius, at suscipit erat ullamcorper. Donec  
modo molestie nunc ac molestie. Mauris vulputate  
pellentesque. Nulla eu ex in neque aliquam varius  
uam gravida, mi vitae sagittis porta, magna ex  
rutrum orci, vitae feugiat velit velit vitae  
tellus. Cras sit amet sapien eu magna condimentum  
ada. Sed ante dolor, porttitor sit amet metus sed,  
pharetra hendrerit lorem.  
sample.txt (END)
```

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nandita@DESKTOP-2LH63U6: ~  
nandita@DESKTOP-2LH63U6:~$ less sample.txt  
nandita@DESKTOP-2LH63U6:~$ cp sample.txt copied.txt  
nandita@DESKTOP-2LH63U6:~$ ls  
CO_Practice  Gym-Project-Management  OSLab1  copied.txt  sample.txt  
nandita@DESKTOP-2LH63U6:~$ cat copied.txt  
LOREM IPSUM DOLOR SIT AMET,  
consectetur adipiscing elit.  
Vestibulum convallis, magna vel  
congue bibendum, lacus augue fermentum  
urna, nec fermentum purus justo quis sem.  
In interdum in arcu sed porta. Fusce ultrices  
egestas lorem ac mattis. Sed efficitur ante in  
velit varius, at suscipit erat ullamcorper. Donec  
modo molestie nunc ac molestie. Mauris vulputate  
pellentesque. Nulla eu ex in neque aliquam varius  
uam gravida, mi vitae sagittis porta, magna ex  
rutrum orci, vitae feugiat velit velit vitae  
tellus. Cras sit amet sapien eu magna condimentum  
ada. Sed ante dolor, porttitor sit amet metus sed,  
pharetra hendrerit lorem.nandita@DESKTOP-2LH63U6:~$ cat sample.txt  
LOREM IPSUM DOLOR SIT AMET,  
consectetur adipiscing elit.  
Vestibulum convallis, magna vel  
congue bibendum, lacus augue fermentum  
urna, nec fermentum purus justo quis sem.  
In interdum in arcu sed porta. Fusce ultrices  
egestas lorem ac mattis. Sed efficitur ante in  
velit varius, at suscipit erat ullamcorper. Donec  
modo molestie nunc ac molestie. Mauris vulputate  
pellentesque. Nulla eu ex in neque aliquam varius  
uam gravida, mi vitae sagittis porta, magna ex  
rutrum orci, vitae feugiat velit velit vitae  
tellus. Cras sit amet sapien eu magna condimentum  
ada. Sed ante dolor, porttitor sit amet metus sed,  
pharetra hendrerit lorem.nandita@DESKTOP-2LH63U6:~$
```

```
nandita@DESKTOP-2LH63U6: ~/OSlabCopied
velit varius, at suscipit erat ullamcorper. Donec
modo molestie nunc ac molestie. Mauris vulputate
pellentesque. Nulla eu ex in neque aliquam varius
uam gravida, mi vitae sagittis porta, magna ex
rutrum orci, vitae feugiat velit velit vitae
tellus. Cras sit amet sapien eu magna condimentum
ada. Sed ante dolor, porttitor sit amet metus sed,
pharetra hendrerit lorem.nandita@DESKTOP-2LH63U6:~$
nandita@DESKTOP-2LH63U6:~$ cp -R OSLab1
cp: missing destination file operand after 'OSLab1'
Try 'cp --help' for more information.
nandita@DESKTOP-2LH63U6:~$ cp -R OSLab1 OSLabCopied
nandita@DESKTOP-2LH63U6:~$ ls
CO_Practice          OSLab1              copied.txt
Gym-Project-Management OSLabCopied         sample.txt
nandita@DESKTOP-2LH63U6:~$ cd OSLab1/
nandita@DESKTOP-2LH63U6:~/OSLab1$ ls
CED19I056_Lab1_Q6.c      CED19I056_Lab1_Q7.2.c.c  a.out          sample.txt
CED19I056_Lab1_Q7.1.c.c  CED19I056_Lab1_Q8.c.c   copied.txt
nandita@DESKTOP-2LH63U6:~/OSLab1$ cd..
cd..: command not found
nandita@DESKTOP-2LH63U6:~/OSLab1$ cd .
nandita@DESKTOP-2LH63U6:~/OSLab1$ cd .
nandita@DESKTOP-2LH63U6:~/OSLab1$ cd ..
nandita@DESKTOP-2LH63U6:~$ cd OSLabCopied/
nandita@DESKTOP-2LH63U6:~/OSLabCopied$ ls
CED19I056_Lab1_Q6.c      CED19I056_Lab1_Q7.2.c.c  a.out          sample.txt
CED19I056_Lab1_Q7.1.c.c  CED19I056_Lab1_Q8.c.c   copied.txt
```

```
nandita@DESKTOP-2LH63U6: ~/newfolder
nandita@DESKTOP-2LH63U6:~/OSLab1$ ls
CED19I056_Lab1_Q6.c      CED19I056_Lab1_Q7.2.c.c  a.out          sample.txt
CED19I056_Lab1_Q7.1.c.c  CED19I056_Lab1_Q8.c.c   copied.txt
nandita@DESKTOP-2LH63U6:~/OSLab1$ cd..
cd..: command not found
nandita@DESKTOP-2LH63U6:~/OSLab1$ cd .
nandita@DESKTOP-2LH63U6:~/OSLab1$ cd .
nandita@DESKTOP-2LH63U6:~/OSLab1$ cd ..
nandita@DESKTOP-2LH63U6:~$ cd OSLabCopied/
nandita@DESKTOP-2LH63U6:~/OSLabCopied$ ls
CED19I056_Lab1_Q6.c      CED19I056_Lab1_Q7.2.c.c  a.out          sample.txt
CED19I056_Lab1_Q7.1.c.c  CED19I056_Lab1_Q8.c.c   copied.txt
nandita@DESKTOP-2LH63U6:~/OSLabCopied$ cd ..
nandita@DESKTOP-2LH63U6:~$ ls
CO_Practice          OSLab1              copied.txt
Gym-Project-Management OSLabCopied         sample.txt
nandita@DESKTOP-2LH63U6:~$ mkdir newfolder
nandita@DESKTOP-2LH63U6:~$ mv sample.txt newfolder
nandita@DESKTOP-2LH63U6:~$ cd newfolder
nandita@DESKTOP-2LH63U6:~/newfolder$ ls
sample.txt
nandita@DESKTOP-2LH63U6:~/newfolder$ rm sample.txt
nandita@DESKTOP-2LH63U6:~/newfolder$ ls
nandita@DESKTOP-2LH63U6:~/newfolder$
```

```
nandita@DESKTOP-2LH63U6:~$ grep "um" copied.txt
Vestibulum convallis, magna vel
congue bibendum, lacus augue fermentum
urna, nec fermentum purus justo quis sem.
In interdum in arcu sed porta. Fusce ultrices
rutrum orci, vitae feugiat velit velit vitae
tellus. Cras sit amet sapien eu magna condimentum
nandita@DESKTOP-2LH63U6:~$
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```
nandita@DESKTOP-2LH63U6: ~  
nandita@DESKTOP-2LH63U6:~$ tar cvf file.tar copied.txt  
copied.txt  
nandita@DESKTOP-2LH63U6:~$ ls  
CO_Practice          OSLab1          copied.txt  newfolder  
Gym-Project-Management OSLabCopied    file.tar  
nandita@DESKTOP-2LH63U6:~$
```

```
nandita@DESKTOP-2LH63U6: ~  
nandita@DESKTOP-2LH63U6:~$ tar cvf file.tar copied.txt  
copied.txt  
nandita@DESKTOP-2LH63U6:~$ ls  
CO_Practice          OSLab1          copied.txt  newfolder  
Gym-Project-Management OSLabCopied    file.tar  
nandita@DESKTOP-2LH63U6:~$ find copied.txt  
copied.txt  
nandita@DESKTOP-2LH63U6:~$ ssh  
usage: ssh [-46AaCfGgKkMNnqsTtVvXxYy] [-B bind_interface]  
          [-b bind_address] [-c cipher_spec] [-D [bind_address:]port]  
          [-E log_file] [-e escape_char] [-F configfile] [-I pkcs11]  
          [-i identity_file] [-J [user@]host[:port]] [-L address]  
          [-l login_name] [-m mac_spec] [-O ctl_cmd] [-o option] [-p port]  
          [-Q query_option] [-R address] [-S ctl_path] [-W host:port]  
          [-w local_tun[:remote_tun]] destination [command]  
nandita@DESKTOP-2LH63U6:~$ sort copied.txt  
pharetra hendrerit lorem.  
ada. Sed ante dolor, porttitor sit amet metus sed,  
pellentesque. Nulla eu ex in neque aliquam varius  
rutrum orci, vitae feugiat velit velit vitae  
tellus. Cras sit amet sapien eu magna condimentum  
uam gravida, mi vitae sagittis porta, magna ex  
In interdum in arcu sed porta. Fusce ultrices  
Vestibulum convallis, magna vel  
congue bibendum, lacus augue fermentum  
consectetur adipiscing elit.  
egestas lorem ac mattis. Sed efficitur ante in  
LOREM IPSUM DOLOR SIT AMET,  
modo molestie nunc ac molestie. Mauris vulputate  
urna, nec fermentum purus justo quis sem.  
velit varius, at suscipit erat ullamcorper. Donec  
nandita@DESKTOP-2LH63U6:~$ pwd  
/home/nandita  
nandita@DESKTOP-2LH63U6:~$
```

```
nandita@DESKTOP-2LH63U6:~$ diff copied.txt diff.txt
4c4
< congue bibendum, lacus augue fermentum
---
> congue imaginus ophilia augue fermentum
7c7
< egestas lorem ac mattis. Sed efficitur ante in
---
> egestas lorem ac sanficrid r ante in
10c10
< pellentesque. Nulla eu ex in neque aliquam varius
---
> pellentesque. kulla eu ex in neque aliquam varius
13,14c13
< tellus. Cras sit amet sapien eu magna condimentum
< ada. Sed ante dolor, porttitor sit amet metus sed,
---
> ada. enti ante meed i dolor, porttitor sit amet metus sed,
nandita@DESKTOP-2LH63U6:~$ █
```

```
nandita@DESKTOP-2LH63U6:~$ ls
CO_Practice          OSLab1          copied.txt      file.tar
Gym-Project-Management OSLabCopied    diff.txt       newfolder
nandita@DESKTOP-2LH63U6:~$ gzip OS
OSLab1/          OSLabCopied/
nandita@DESKTOP-2LH63U6:~$ gzip CO_Practice
gzip: CO_Practice is a directory -- ignored
nandita@DESKTOP-2LH63U6:~$ gzip diff.txt
nandita@DESKTOP-2LH63U6:~$ ls
CO_Practice          OSLab1          copied.txt      file.tar
Gym-Project-Management OSLabCopied    diff.txt.gz    newfolder
nandita@DESKTOP-2LH63U6:~$ ps
  PID TTY          TIME CMD
    9 pts/0        00:00:00 bash
   291 pts/0        00:00:00 ps
nandita@DESKTOP-2LH63U6:~$ free
              total        used        free      shared  buff/cache   availabl
e
Mem:           6308816          83968      6140860          68       83988      605767
6
Swap:          2097152           0       2097152
```

```
nandita@DESKTOP-2LH63U6:~$ ps
  PID TTY          TIME CMD
    9 pts/0        00:00:00 bash
   305 pts/0        00:00:00 ps
nandita@DESKTOP-2LH63U6:~$ kill 305
-bash: kill: (305) - No such process
nandita@DESKTOP-2LH63U6:~$
```

```
nandita@DESKTOP-2LH63U6:~$ ls -l
total 40
drwxr-xr-x 13 nandita nandita 4096 Apr 22 17:20 CO_Practice
drwxr-xr-x  4 nandita nandita 4096 Apr  9 10:41 Gym-Project-Management
drwxr-xr-x  2 nandita nandita 4096 Aug  7 16:11 OSLab1
drwxr-xr-x  2 nandita nandita 4096 Aug  7 16:20 OSlabCopied
-rw-r--r--  1 nandita nandita  663 Aug  7 16:19 copied.txt
-rw-r--r--  1 nandita nandita  399 Aug  7 16:35 diff.txt.gz
-rw-r--r--  1 nandita nandita 10240 Aug  7 16:32 file.tar
drwxr-xr-x  2 nandita nandita 4096 Aug  7 16:23 newfolder
nandita@DESKTOP-2LH63U6:~$ chmod -w+x copied.txt
nandita@DESKTOP-2LH63U6:~$ ls
CO_Practice      OSLab1          copied.txt      file.tar
Gym-Project-Management OSlabCopied    diff.txt.gz    newfolder
nandita@DESKTOP-2LH63U6:~$ chmod -w+x copied.txt
nandita@DESKTOP-2LH63U6:~$ ls -l
total 40
drwxr-xr-x 13 nandita nandita 4096 Apr 22 17:20 CO_Practice
drwxr-xr-x  4 nandita nandita 4096 Apr  9 10:41 Gym-Project-Management
drwxr-xr-x  2 nandita nandita 4096 Aug  7 16:11 OSLab1
drwxr-xr-x  2 nandita nandita 4096 Aug  7 16:20 OSlabCopied
-r-xr-xr-x  1 nandita nandita  663 Aug  7 16:19 copied.txt
-rw-r--r--  1 nandita nandita  399 Aug  7 16:35 diff.txt.gz
-rw-r--r--  1 nandita nandita 10240 Aug  7 16:32 file.tar
drwxr-xr-x  2 nandita nandita 4096 Aug  7 16:23 newfolder
nandita@DESKTOP-2LH63U6:~$
```