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23mcce16@ailab-47:~/Desktop/os$ date
Wednesday 06 August 2025 11:26:10 AM IST
23mcce16@ailab-47:~/Desktop/os$ echo os
os
23mcce16@ailab-47:~/Desktop/os$ man echo
23mcce16@ailab-47:~/Desktop/os$ ls
hello.c  lab1  readme.md  sort.txt
23mcce16@ailab-47:~/Desktop/os$ pwd
/users/imtech/23mcce16/Desktop/os
23mcce16@ailab-47:~/Desktop/os$ ls
hello.c  lab1  readme.md  sort.txt
23mcce16@ailab-47:~/Desktop/os$ cd ..
23mcce16@ailab-47:~/Desktop$ ls
23mcce16_13-02-25  IT_LAB          '#mongodb_db-link#'  pmlab2
db.sql            it_lab_minor2    os                    'Sem IV'
dfs               java             pmlab
23mcce16@ailab-47:~/Desktop$ mkdir os_lab
23mcce16@ailab-47:~/Desktop$ rmdir os_lab
23mcce16@ailab-47:~/Desktop$ cd os
23mcce16@ailab-47:~/Desktop/os$ cat hello.c
#include<stdio.h>

int main()
{
    printf("hello world!\n");
    return 0;
}
23mcce16@ailab-47:~/Desktop/os$ sort sort.c
sort: cannot read: sort.c: No such file or directory
```

```
23mcce16@ailab-47:~/Desktop/os$ sort sort.c
sort: cannot read: sort.c: No such file or directory
23mcce16@ailab-47:~/Desktop/os$ sort sort.txt
antu
anuj
bhavani
chandan
new lab
piyush
sanath
vinneth
yash
23mcce16@ailab-47:~/Desktop/os$ ls
hello.c  lab1  readme.md  sort.txt
23mcce16@ailab-47:~/Desktop/os$ cp hello.c ./lab1
23mcce16@ailab-47:~/Desktop/os$ mv hello.c ./lab1
23mcce16@ailab-47:~/Desktop/os$ ls
lab1  readme.md  sort.txt
23mcce16@ailab-47:~/Desktop/os$ rm sort.txt
23mcce16@ailab-47:~/Desktop/os$ wc readme.txt
wc: readme.txt: No such file or directory
23mcce16@ailab-47:~/Desktop/os$ wc readme.md
 2  5 31 readme.md
23mcce16@ailab-47:~/Desktop/os$ head readme.md
# Operating System

->lets's go23mcce16@ailab-47:~/Desktop/os$ tail readme.md
# Operating System
```

Operating System

```
->lets's go23mcce16@ailab-47:~/Desktop/os$ cd lab1
23mcce16@ailab-47:~/Desktop/os/lab1$ more content.txt
23mcce16@ailab-47:~/Desktop$ date
Wednesday 06 August 2025 10:43:47 AM IST
23mcce16@ailab-47:~/Desktop$ cal
bash: cal: command not found
23mcce16@ailab-47:~/Desktop$ echo os
os
23mcce16@ailab-47:~/Desktop$ man cal
No manual entry for cal
23mcce16@ailab-47:~/Desktop$ man echo
23mcce16@ailab-47:~/Desktop$ ls
23mcce16_13-02-25  IT_LAB      '#mongodb_db-link#'  pmlab2
db.sql           it_lab_minor2  os                  'Sem IV'
dfs              java           pmlab
23mcce16@ailab-47:~/Desktop$ pwd
/users/imtech/23mcce16/Desktop
23mcce16@ailab-47:~/Desktop$ mkdir os_lab
23mcce16@ailab-47:~/Desktop$ cd os_lab
23mcce16@ailab-47:~/Desktop/os_lab$ cd ..
23mcce16@ailab-47:~/Desktop$ rmdir os_lab
23mcce16@ailab-47:~/Desktop$ cd os
23mcce16@ailab-47:~/Desktop/os$ vi hello.c
23mcce16@ailab-47:~/Desktop/os$ cat helloc
cat: helloc: No such file or directory
23mcce16@ailab-47:~/Desktop/os$ cat hello.c
#include<stdio.h>
```



```
23mcce16@ailab-47:~/Desktop/os/lab1$ date
Wednesday 06 August 2025 11:28:46 AM IST
23mcce16@ailab-47:~/Desktop/os/lab1$ date | wc
      1      7     41
23mcce16@ailab-47:~/Desktop/os/lab1$ echo 'hello' | tr 'a-z' 'A-Z'
HELLO
23mcce16@ailab-47:~/Desktop/os/lab1$ ls
content.txt  file.tx  hello.c
23mcce16@ailab-47:~/Desktop/os/lab1$ chmod 644 hello,c
chmod: cannot access 'hello,c': No such file or directory
23mcce16@ailab-47:~/Desktop/os/lab1$ chmod 644 hello.c
23mcce16@ailab-47:~/Desktop/os/lab1$ ls
content.txt  file.tx  hello.c
23mcce16@ailab-47:~/Desktop/os/lab1$ ls -l
total 8
-rw-r--r-- 1 23mcce16 imtech23 1643 Aug  6 10:55 content.txt
-rw-r--r-- 1 23mcce16 imtech23    0 Aug  6 11:11 file.tx
-rw-r--r-- 1 23mcce16 imtech23  72 Aug  6 10:42 hello.c
23mcce16@ailab-47:~/Desktop/os/lab1$ chown newuse hello.c
chown: invalid user: 'newuse'
23mcce16@ailab-47:~/Desktop/os/lab1$ chgrp
chgrp: missing operand
Try 'chgrp --help' for more information.
23mcce16@ailab-47:~/Desktop/os/lab1$ man chgrp
23mcce16@ailab-47:~/Desktop/os/lab1$ chgrp exam hello.c
chgrp: changing group of 'hello.c': Operation not permitted
23mcce16@ailab-47:~/Desktop/os/lab1$ chown exam hello.c
chown: changing ownership of 'hello.c': Operation not permitted
23mcce16@ailab-47:~/Desktop/os/lab1$
```

```
#!/bin/bash

a=0
b=1
echo -n "Enter no of terms: "
read n

for((i=0;i<n;i++))
do
    echo -n "$a "

    c=$((a+b))
    a=$b
    b=$c
done
echo
~
~
```