

```
pict@mplab-12:~/Desktop$ rmdir 33164
pict@mplab-12:~/Desktop$ ls
43384 mongoServerKey newfile.txt      webpage.html
file.txt mongoServer.txt newnewfile.txt
pict@mplab-12:~/Desktop$ mkdir 33164
pict@mplab-12:~/Desktop$ ls
33164 file.txt      mongoServer.txt newnewfile.txt
43384 mongoServerKey newfile.txt      webpage.html
pict@mplab-12:~/Desktop$ cs
Command 'cs' not found, but can be installed with:
sudo apt install csound
pict@mplab-12:~/Desktop$ ls
33164 file.txt      mongoServer.txt newnewfile.txt
43384 mongoServerKey newfile.txt      webpage.html
pict@mplab-12:~/Desktop$ cp file.txt 33164
pict@mplab-12:~/Desktop$ ls
33164 file.txt      mongoServer.txt newnewfile.txt
43384 mongoServerKey newfile.txt      webpage.html
pict@mplab-12:~/Desktop$ cd 33164
pict@mplab-12:~/Desktop/33164$ ls
file.txt
pict@mplab-12:~/Desktop/33164$ cd ../../
pict@mplab-12:~$ cd /home/pict/Desktop
pict@mplab-12:~/Desktop$ cd 33164
pict@mplab-12:~/Desktop/33164$ cd ..
pict@mplab-12:~/Desktop$ mv webpage.html 33164
pict@mplab-12:~/Desktop$ cd ..
pict@mplab-12:~$ cd /home/pict/Desktop
pict@mplab-12:~/Desktop$ ls
33164 file.txt      mongoServer.txt newnewfile.txt
43384 mongoServerKey newfile.txt
pict@mplab-12:~/Desktop$ cd 33164
pict@mplab-12:~/Desktop/33164$ ls
file.txt webpage.html
pict@mplab-12:~/Desktop/33164$ cd ..
pict@mplab-12:~/Desktop$ uname
Linux
pict@mplab-12:~/Desktop$ touch first.txt
pict@mplab-12:~/Desktop$ ls
33164 file.txt mongoServerKey newfile.txt
43384 first.txt mongoServer.txt newnewfile.txt
pict@mplab-12:~/Desktop$ ln -s 33164 43384
pict@mplab-12:~/Desktop$ ls
33164 file.txt mongoServerKey newfile.txt
```

```
43384 first.txt mongoServer.txt newnewfile.txt
pict@mplab-12:~/Desktop$ cat mongoServer.txt
~/Downloads/mongosh-2.5.3-linux-x64/bin/mongosh
```

```
cd ~/Downloads/mongodb-linux-x86_64-ubuntu2404-8.0.11/bin
./mongod --dbpath ~/mongodb-data
```

```
pict@mplab-12:~/Desktop$ touch man.txt
pict@mplab-12:~/Desktop$ ls
33164 file.txt  man.txt      mongoServer.txt  newnewfile.txt
43384 first.txt mongoServerKey newfile.txt
pict@mplab-12:~/Desktop$ echo "Hello World" >man.txt
pict@mplab-12:~/Desktop$ cat man.txt
Hello World
pict@mplab-12:~/Desktop$ ps
      PID TTY          TIME CMD
    6041 pts/0    00:00:00 bash
    6834 pts/0    00:00:00 ps
pict@mplab-12:~/Desktop$ man -f echo
echo (1)          - display a line of text
pict@mplab-12:~/Desktop$ man -f cat
cat (1)           - concatenate files and print on the standard output
pict@mplab-12:~/Desktop$ cat man.txt | grep "hello"
pict@mplab-12:~/Desktop$ cat man.txt | grep "Hello"
Hello World
```

```
ict@mplab-12:~/Desktop$ echo "Hello Universe">man.txt
pict@mplab-12:~/Desktop$ echo "Hello Galaxy">man.txt
pict@mplab-12:~/Desktop$ ls
33164 file.txt  man.txt      mongoServer.txt  newnewfile.txt
43384 first.txt mongoServerKey newfile.txt
pict@mplab-12:~/Desktop$ cat man.txt
Hello Galaxy
pict@mplab-12:~/Desktop$ cat man.txt
Hello World
Hello Galaxy
Hello Universe
```

```
pict@mplab-12:~/Desktop$ sort man.txt
```

```
Hello Galaxy
Hello Universe
```

Hello World

pict@mplab-12:~/Desktop\$ cal July 2025

Command 'cal' not found, but can be installed with:

sudo apt install ncal

pict@mplab-12:~/Desktop\$ sudo apt install ncal

[sudo] password for pict:

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following NEW packages will be installed:

ncal

0 upgraded, 1 newly installed, 0 to remove and 11 not upgraded.

Need to get 21.0 kB of archives.

After this operation, 59.4 kB of additional disk space will be used.

Get:1 <http://archive.ubuntu.com/ubuntu/noble/universe/amd64/ncal-amd64-12.1.8> [21.0 kB]

Fetched 21.0 kB in 1s (41.5 kB/s)

Selecting previously unselected package ncal.

(Reading database ... 189598 files and directories currently installed.)

Preparing to unpack .../archives/ncal_12.1.8_amd64.deb ...

Unpacking ncal (12.1.8) ...

Setting up ncal (12.1.8) ...

Processing triggers for man-db (2.12.0-4build2) ...

pict@mplab-12:~/Desktop\$ cal July 2025

July 2025

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

pict@mplab-12:~/Desktop\$ df -h

Filesystem	Size	Used	Avail	Use%	Mounted on
tmpfs	774M	2.0M	772M	1%	/run
/dev/sda2	915G	16G	853G	2%	/
tmpfs	3.8G	4.0K	3.8G	1%	/dev/shm
tmpfs	5.0M	8.0K	5.0M	1%	/run/lock
efivarfs	256K	87K	165K	35%	/sys/firmware/efi/efivars
/dev/sda1	1.1G	6.2M	1.1G	1%	/boot/efi
tmpfs	774M	2.5M	772M	1%	/run/user/1000

pict@mplab-12:~/Desktop\$ whoami

pict

