

2-what is the difference between cat and more:

Cat to show the content of the file

More to show the content of the file screen by screen

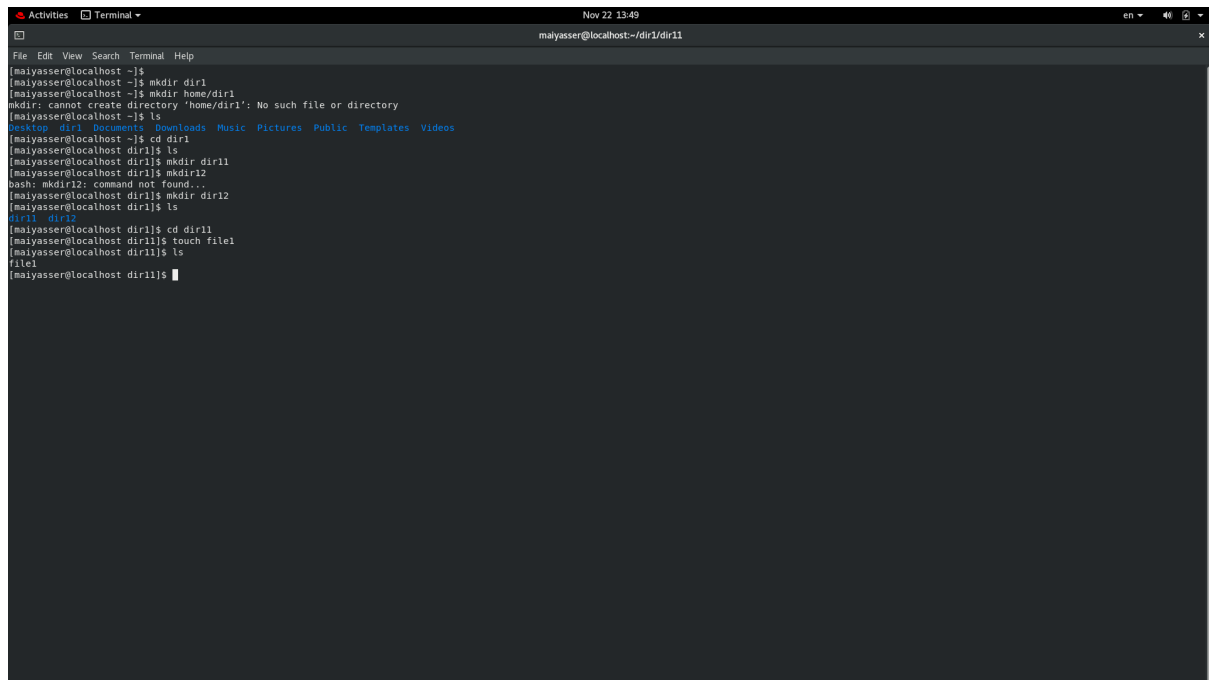
---

3-what is the difference between rm and rmdir using man

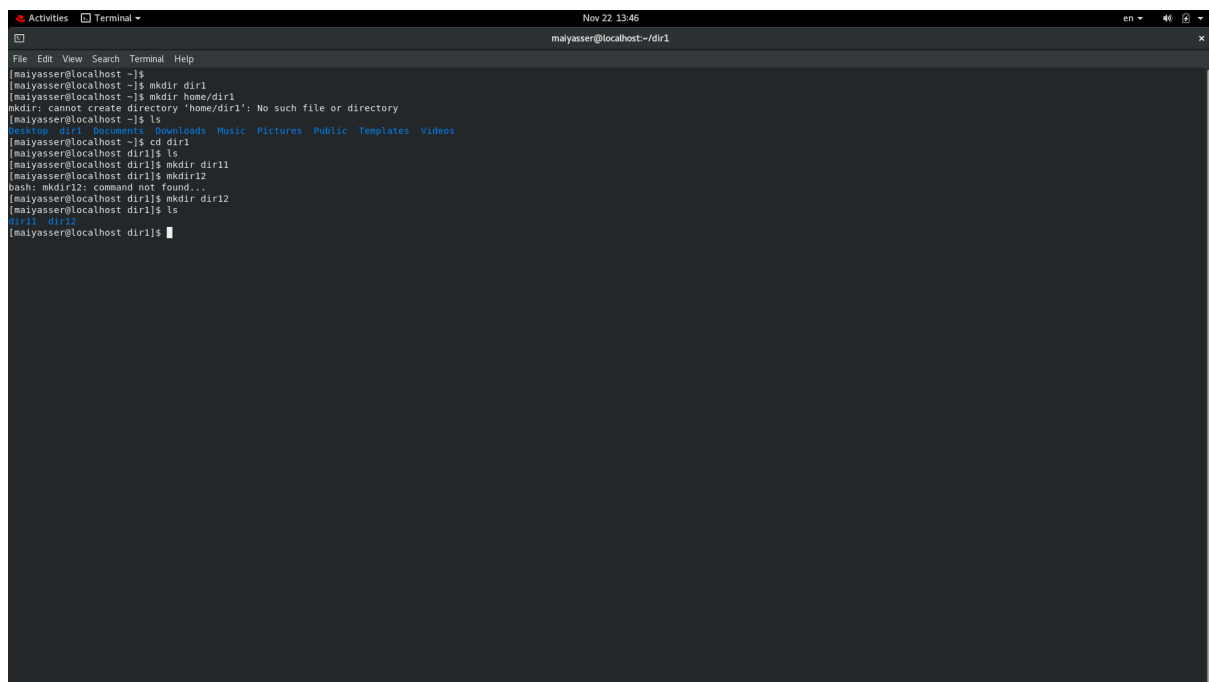
The rm command removes complete directories, including subdirectories and files. The rmdir command removes empty directories.

---

4- create directory tree



```
malayasser@localhost ~$  
malayasser@localhost ~$ mkdir dir1  
malayasser@localhost ~$ mkdir home/dir1  
mkdir: cannot create directory 'home/dir1': No such file or directory  
malayasser@localhost ~$ ls  
Desktop dir1 Documents Downloads Music Pictures Public Templates Videos  
malayasser@localhost ~$ cd dir1  
malayasser@localhost dir1$ ls  
malayasser@localhost dir1$ mkdir dir11  
malayasser@localhost dir1$ mkdir dir12  
bash: mkdir12: command not found...  
malayasser@localhost dir1$ mkdir dir12  
malayasser@localhost dir1$ ls  
dir11 dir12  
malayasser@localhost dir1$ cd dir11  
malayasser@localhost dir11$ touch file1  
malayasser@localhost dir11$ ls  
file1  
malayasser@localhost dir11$
```



```
malayasser@localhost ~$  
malayasser@localhost ~$ mkdir dir1  
malayasser@localhost ~$ mkdir home/dir1  
mkdir: cannot create directory 'home/dir1': No such file or directory  
malayasser@localhost ~$ ls  
Desktop dir1 Documents Downloads Music Pictures Public Templates Videos  
malayasser@localhost ~$ cd dir1  
malayasser@localhost dir1$ ls  
malayasser@localhost dir1$ mkdir dir11  
malayasser@localhost dir1$ mkdir dir12  
bash: mkdir12: command not found...  
malayasser@localhost dir1$ mkdir dir12  
malayasser@localhost dir1$ ls  
dir11 dir12  
malayasser@localhost dir1$
```

```
Nov 22 13:51
maliyasser@localhost:~/docs

File Edit View Search Terminal Help

[maliyasser@localhost ~]$
[maliyasser@localhost ~]$ mkdir dir1
[maliyasser@localhost ~]$ mkdir home/dir1
mkdir: cannot create directory 'home/dir1': No such file or directory
[maliyasser@localhost ~]$ ls
Desktop  dir1  Documents  Downloads  Music  Pictures  Public  Templates  Videos
[maliyasser@localhost ~]$ cd dir1
[maliyasser@localhost dir1]$ ls
[maliyasser@localhost dir1]$ mkdir dir11
[maliyasser@localhost dir1]$ mkdir12
bash: mkdir12: command not found...
[maliyasser@localhost dir1]$ mkdir dir12
[maliyasser@localhost dir1]$ ls
dir11  dir12
[maliyasser@localhost dir1]$ cd dir11
[maliyasser@localhost dir11]$ touch file1
[maliyasser@localhost dir11]$ ls
file1
[maliyasser@localhost dir11]$ cd docs
bash: cd: docs: No such file or directory
[maliyasser@localhost dir11]$ cd -
[maliyasser@localhost dir11]$ ls
Desktop  dir1  Documents  Downloads  Music  Pictures  Public  Templates  Videos
[maliyasser@localhost ~]$ mkdir docs
[maliyasser@localhost ~]$ cd docs
[maliyasser@localhost docs]$ mkdir mycv
[maliyasser@localhost docs]$ ls
mycv
[maliyasser@localhost docs]$ touch mycv
[maliyasser@localhost docs]$ ls
mycv
[maliyasser@localhost docs]$
```

---

## A- remove dir11 in one step

```
Nov 22 13:59
maliyasser@localhost:~/dir1

File Edit View Search Terminal Help

[maliyasser@localhost ~]$ rm -r dir11
rm: cannot remove 'dir11': No such file or directory
[maliyasser@localhost ~]$ cd dir1
[maliyasser@localhost dir1]$ rm -r dir11
[maliyasser@localhost dir1]$ ls
dir12
[maliyasser@localhost dir1]$
```

What did i noticed: could not remove the directory until i was in the parent directory that contains the directory

How i over came it: moved to the parent directory first.

---

## B- try to remove dir12 using rmdir -p

```
Activities Terminal Nov 22 14:02 maiyasser@localhost:~
File Edit View Search Terminal Help
[maiyasser@localhost dir1]$ cd ~
[maiyasser@localhost ~]$ rmdir -p dir12
rmdir: failed to remove 'dir12': No such file or directory
[maiyasser@localhost ~]$ ls
Desktop dir1 dirtest docs Documents Downloads Music Pictures Public Templates Videos
[maiyasser@localhost ~]$ cd dir1
[maiyasser@localhost dir1]$ ls
dir12
[maiyasser@localhost dir1]$ rmdir -p dir1/dir12
rmdir: failed to remove 'dir1/dir12': No such file or directory
[maiyasser@localhost dir1]$ cd ~
[maiyasser@localhost ~]$ rmdir -p dir1/dir12
[maiyasser@localhost ~]$ ls
Desktop dirtest docs Documents Downloads Music Pictures Public Templates Videos
[maiyasser@localhost ~]$
```

## C- the absolute and relative path for mycv file

### Absolute

```
maiyasser@localhost:~/docs
File Edit View Search Terminal Help
[maiyasser@localhost ~]$ pwd
/home/maiyasser
[maiyasser@localhost ~]$ cd /home/maiyasser/docs
[maiyasser@localhost docs]$ ls
mycv
[maiyasser@localhost docs]$ cd ~
[maiyasser@localhost ~]$ ls docs
mycv
[maiyasser@localhost ~]$ pwd
/home/maiyasser
[maiyasser@localhost ~]$ ls docs
mycv
[maiyasser@localhost ~]$ cat mycv
cat: mycv: No such file or directory
[maiyasser@localhost ~]$ cd docs
[maiyasser@localhost docs]$ cat mycv
[maiyasser@localhost docs]$
```

## Relative

```
maiyyasser@localhost:~  
File Edit View Search Terminal Help  
[maiyyasser@localhost ~]$ pwd  
/home/maiyyasser  
[maiyyasser@localhost ~]$ ls docs/mycv  
docs/mycv  
[maiyyasser@localhost ~]$ cat docs/mycv  
[maiyyasser@localhost ~]$
```

## 5-

```
Nov 22 14:53  
maiyyasser@localhost:~  
File Edit View Search Terminal Help  
[maiyyasser@localhost ~]$ cp /etc/passwd mypasswd  
[maiyyasser@localhost ~]$ cat mypasswd  
root:x:0:0:root:/root:/bin/bash  
bin:x:1:1:bin:/bin:/sbin/nologin  
daemon:x:2:2:daemon:/sbin:/sbin/nologin  
adm:x:3:4:adm:/var/adm:/sbin/nologin  
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin  
sync:x:5:0:sync:/sbin:/bin/sync  
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown  
halt:x:7:0:halt:/sbin:/sbin/halt  
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin  
operator:x:11:0:operator:/root:/sbin/nologin  
games:x:12:100:games:/usr/games:/sbin/nologin  
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin  
nobody:x:65534:65534:Kernel Overflow User:/sbin/nologin  
dbus:x:81:81:system message bus:/sbin/nologin  
systemd-coredump:x:999:997:systemd Core Dumper:/sbin/nologin  
systemd-resolve:x:193:193:systemd Resolver:/sbin/nologin  
tss:x:50:50:Account used for TPM access:/dev/null:/sbin/nologin  
polkitd:x:998:996:User for polkitd:/sbin/nologin  
geoclue:x:997:995:User for geoclue:/var/lib/geoclue:/sbin/nologin  
rkits:x:172:172:RealtimeKit:/proc:/sbin/nologin  
pipewire:x:996:992:PipeWire System Daemon:/var/run/pipewire:/sbin/nologin  
pulse:x:171:171:PulseAudio System Daemon:/var/run/pulse:/sbin/nologin  
qemu:x:107:107:qemu user:/sbin/nologin  
clevis:x:905:908:clevis decryption framework unprivileged user:/var/cache/clevis:/sbin/nologin  
usbmuxd:x:113:113:usbmuxd user:/sbin/nologin  
unbound:x:994:988:Unbound DNS resolver:/etc/unbound:/sbin/nologin  
gluster:x:993:987:glusterFS daemons:/run/gluster:/sbin/nologin  
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin  
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin  
chrony:x:992:986:/var/lib/chrony:/sbin/nologin  
colord:x:976:976:User for colord:/var/lib/colord:/sbin/nologin  
setroubleshoot:x:991:984:/var/lib/setroubleshoot:/sbin/nologin  
saslauthd:x:990:76:Saslauthd user:/run/saslauthd:/sbin/nologin  
libstoragemgmt:x:989:983:daemon account for libstoragemgmt:/var/run/lsm:/sbin/nologin  
dnsmasq:x:981:981:dnsmasq DHCP and DNS server:/var/lib/dnsmasq:/sbin/nologin  
radvd:x:75:75:radvd user:/sbin/nologin  
sssd:x:980:980:User for sssd:/sbin/nologin  
cockpit-ws:x:979:979:User for cockpit web service:/nonexistent:/sbin/nologin  
cockpit-ws-instance:x:978:978:User for cockpit-ws instances:/nonexistent:/sbin/nologin  
flatpak:x:977:977:User for flatpak system helper:/sbin/nologin  
colord:x:976:976:User for colord:/var/lib/colord:/sbin/nologin  
pcuser:x:99:29:RPC Service User:/var/lib/nfs:/sbin/nologin  
gdm:x:42:42:/var/lib/gdm:/sbin/nologin  
gnome-initial-setup:x:975:975:/run/gnome-initial-setup:/sbin/nologin  
tcpdump:x:72:72:/sbin/nologin  
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin  
maiyyasser:x:1000:1000:maiyyasser:/home/maiyyasser:/bin/bash  
[maiyyasser@localhost ~]$
```

## 6-

```
Nov 22 14:54
maliyasser@localhost:~
File Edit View Search Terminal Help
[maliyasser@localhost ~]$ mv mypasswd oldpasswd
[maliyasser@localhost ~]$ cat oldpasswd
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:65534:65534:Kernel Overflow User:/sbin/nologin
dbus:x:81:81:system message bus:/sbin/nologin
systemd-coredump:x:999:997:systemd Core Dumper:/sbin/nologin
systemd-resolve:x:193:193:systemd Resolver:/sbin/nologin
tss:x:50:50:Account used for TPM access:/dev/null:/sbin/nologin
polkitd:x:998:996:User for polkitd:/sbin/nologin
geoclue:x:997:995:User for geoclue:/var/lib/geoclue:/sbin/nologin
rtkit:x:172:172:RealtimeKit/proc:/sbin/nologin
pipewire:x:996:992:Pipewire System Daemon:/var/run/pipewire:/sbin/nologin
pulse:x:171:171:PulseAudio System Daemon:/var/run/pulse:/sbin/nologin
qemu:x:107:107:qemu user:/sbin/nologin
clevis:x:905:908:clevis Decryption Framework unprivileged user:/var/cache/clevis:/sbin/nologin
usbmuxd:x:113:113:usbmuxd user:/sbin/nologin
unbound:x:994:989:Unbound DNS resolver:/etc/unbound:/sbin/nologin
gluster:x:993:987:glusterFS daemons:/run/gluster:/sbin/nologin
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin
chrony:x:992:986:/var/lib/chrony:/sbin/nologin
setroubleshoot:x:991:984:/var/lib/setroubleshoot:/sbin/nologin
saslauthd:x:990:76:Saslauthd user:/run/saslauthd:/sbin/nologin
libstoragemgmt:x:989:983:daemon account for libstoragemgmt:/var/run/lsm:/sbin/nologin
dnsmasq:x:981:981:dnsmasq DHCP and DNS server:/var/lib/dnsmasq:/sbin/nologin
radvd:x:75:75:radvd user:/sbin/nologin
sssd:x:980:980:User for sssd:/sbin/nologin
cockpit-ws:x:979:979:User for cockpit web service:/nonexisting:/sbin/nologin
cockpit-ws-instance:x:978:978:User for cockpit-ws instances:/nonexisting:/sbin/nologin
flatpak:x:977:977:User for flatpak system helper:/sbin/nologin
colord:x:976:976:User for colord:/var/lib/colord:/sbin/nologin
pcuser:x:29:29:PC Service User:/var/lib/pcfs:/sbin/nologin
gdm:x:42:42:/var/lib/gdm:/sbin/nologin
gnome-initial-setup:x:975:975:/run/gnome-initial-setup:/sbin/nologin
tcpdump:x:72:72:/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin
maliyasser:x:1000:1000:maliyasser:/home/maliyasser:/bin/bash
[maliyasser@localhost ~]$
```

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```
Nov 22 14:56
maliyasser@localhost:~
File Edit View Search Terminal Help
[maliyasser@localhost ~]$ cd /usr/bin
[maliyasser@localhost bin]$ pwd
/usr/bin
[maliyasser@localhost bin]$ cd ~
[maliyasser@localhost ~]$ ls
desktop  dartest  docs  Documents  Downloads  Music  oldpasswd  Pictures  Public  Templates  Videos
[maliyasser@localhost ~]$
```

```
maliyasser@localhost:~$ cd /usr/bin
maliyasser@localhost bin$ cd ../home/maliyasser/
bash: cd: ../home/maliyasser/: No such file or directory
maliyasser@localhost bin$ cd ../home/maliyasser
maliyasser@localhost bin$ cd ../../
maliyasser@localhost /$ cd /usr/bin
maliyasser@localhost bin$ cd ../../home/maliyasser
maliyasser@localhost ~$ ls
Desktop  dirtest  docs  Documents  Downloads  Music  oldpasswd  Pictures  Public  Templates  Videos
maliyasser@localhost ~$ cd /usr/bin
maliyasser@localhost bin$ cd /home/maliyasser
maliyasser@localhost ~$ ls
Desktop  dirtest  docs  Documents  Downloads  Music  oldpasswd  Pictures  Public  Templates  Videos
maliyasser@localhost ~$
```

```
Nov 22 15:08
maliyasser@localhost:~$ cd /usr/bin
maliyasser@localhost bin$ cd ../home/maliyasser/
bash: cd: ../home/maliyasser/: No such file or directory
maliyasser@localhost bin$ cd ../home/maliyasser
maliyasser@localhost bin$ cd ../../
maliyasser@localhost /$ cd /usr/bin
maliyasser@localhost bin$ cd ../../home/maliyasser
maliyasser@localhost ~$ ls
Desktop  dirtest  docs  Documents  Downloads  Music  oldpasswd  Pictures  Public  Templates  Videos
maliyasser@localhost ~$ cd /usr/bin
maliyasser@localhost bin$ cd /home/maliyasser
maliyasser@localhost ~$ ls
Desktop  dirtest  docs  Documents  Downloads  Music  oldpasswd  Pictures  Public  Templates  Videos
maliyasser@localhost ~$ cd /home
maliyasser@localhost home$ cd /maliyasser
bash: cd: /maliyasser: No such file or directory
maliyasser@localhost home$ cd maliyasser
maliyasser@localhost ~$ ls
Desktop  dirtest  docs  Documents  Downloads  Music  oldpasswd  Pictures  Public  Templates  Videos
maliyasser@localhost ~$
```

```
Nov 22 15:09
en
malyasser@localhost:~
File Edit View Search Terminal Help
[malyasser@localhost ~]$ cd /usr/bin
[malyasser@localhost bin]$ cd
[malyasser@localhost ~]$ ls
desktop  dirtest  docs  Documents  Downloads  Music  oldpasswd  Pictures  Public  Templates  Videos
[malyasser@localhost ~]$
```

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```
Nov 22 15:10
en
malyasser@localhost:~/usr/bin
File Edit View Search Terminal Help
[malyasser@localhost ~]$ cd /usr/bin
[malyasser@localhost bin]$ ls -w*
w  walt  wall  watch  watchdog  wavpack  wc  wdiff  wget  whatis  whereis  which  whiptail  who  whoami  wnck-urgency-monitor  word-list-compress  write  wvgain  wvtag  wvunpack
[malyasser@localhost bin]$
```

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```
Nov 22 15:13
malayasser@localhost/etc

File Edit View Search Terminal Help
[malayasser@localhost bin]$ cd ~
[malayasser@localhost ~]$ ls
Desktop  dirtest  docs  Documents  Downloads  Music  oldpasswd  Pictures  Public  Templates  Videos
[malayasser@localhost ~]$ cd /
[malayasser@localhost /]$ cd /etc/passwd
bash: cd: /etc/passwd: Not a directory
[malayasser@localhost /]$ cd /etc
[malayasser@localhost etc]$ more -4 passwd
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
[malayasser@localhost etc]$ head -4 passwd
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
[malayasser@localhost etc]$
```

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```
Nov 22 15:14
malayasser@localhost/etc

File Edit View Search Terminal Help
[malayasser@localhost etc]$ tail -7 passwd
colord:x:976:976:User for colord:/var/lib/colord:/sbin/nologin
rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin
gdm:x:42:42:./var/lib/gdm:/sbin/nologin
gnome-initial-setup:x:975:975:./run/gnome-initial-setup:/sbin/nologin
tcpdump:x:72:72:./sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/var/empty/ssh:/sbin/nologin
malayasser:x:1000:1000:malayasser:/home/malayasser:/bin/bash
[malayasser@localhost etc]$
```

11-

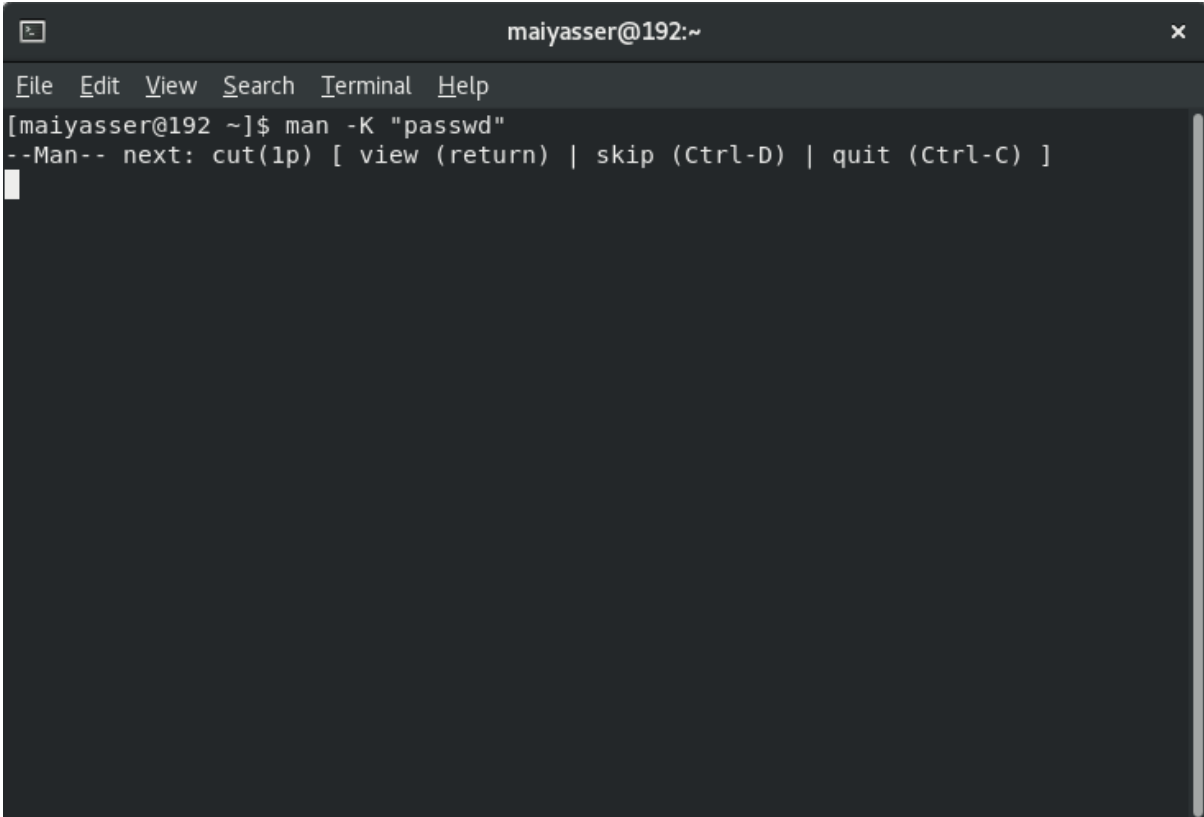


```
Nov 22 15:19
malyasser@localhost:~
File Edit View Search Terminal Help
[malyasser@localhost ~]$ man passwd: cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:65534:65534:Kernel Overflow User:/sbin/nologin
bus:x:81:81:system message bus:/sbin/nologin
systemd-coredump:x:999:997:systemd Core Dumper:/sbin/nologin
systemd-resolve:x:193:193:systemd Resolver:/sbin/nologin
tss:x:59:59:Account used for TPM access:/dev/null:/sbin/nologin
polkitd:x:998:996:User for polkitd:/sbin/nologin
geoclue:x:997:995:User for geoclue:/var/lib/geoclue:/sbin/nologin
rtkit:x:172:172:RealtimeKit:/proc:/sbin/nologin
pipewire:x:996:992:Pipewire System Daemon:/var/run/pipewire:/sbin/nologin
pulse:x:171:171:PulseAudio System Daemon:/var/run/pulse:/sbin/nologin
qemu:x:107:107:qemu user:/sbin/nologin
clevis:x:995:989:CLEVIS Decryption Framework unprivileged user:/var/cache/clevis:/sbin/nologin
unbound:x:113:113:unbound user:/sbin/nologin
unbound:x:994:988:unbound DNS resolver:/etc/unbound:/sbin/nologin
gluster:x:993:987:GlusterFS daemons:/run/gluster:/sbin/nologin
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin
chrony:x:992:986:/var/lib/chrony:/sbin/nologin
setroubleshoot:x:991:984:/var/lib/setroubleshoot:/sbin/nologin
saslauthd:x:990:76:saslauthd user:/run/saslauthd:/sbin/nologin
libstoragemgmt:x:989:983:daemon account for libstoragemgmt:/var/run/lsm:/sbin/nologin
dnsmasq:x:981:981:dnsmasq DHCP and DNS server:/var/lib/dnsmasq:/sbin/nologin
radvd:x:75:75:radvd user:/sbin/nologin
sssd:x:980:980:User for sssd:/sbin/nologin
cockpit-ws:x:979:979:User for cockpit web service:/nonexistent:/sbin/nologin
cockpit-ws-instance:x:978:978:User for cockpit-ws instances:/nonexistent:/sbin/nologin
flatpak:x:977:977:User for flatpak system helper:/sbin/nologin
colord:x:976:976:User for colord:/var/lib/colord:/sbin/nologin
rcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin
gdm:x:42:42:/var/lib/gdm:/sbin/nologin
gnome-initial-setup:x:975:975:/run/gnome-initial-setup:/sbin/nologin
tcpdump:x:72:72:/sbin/nologin
shhd:x:74:74:Privilege-separated SSH:/var/empty/shhd:/sbin/nologin
malyasser:x:1000:1000:malyasser:/home/malyasser:/bin/bash
[malyasser@localhost ~]$
```

## 12-

```
Nov 22 15:20
malyasser@localhost:~
File Edit View Search Terminal Help
PASSWD(1) User utilities PASSWD(1)
NAME
passwd - update user's authentication tokens
SYNOPSIS
passwd [-k] [-l] [-u [-f]] [-d] [-e] [-n mindays] [-x maxdays] [-w warndays] [-i inactivedays] [-S] [--stdin] [-?] [--usage] [username]
DESCRIPTION
The passwd utility is used to update user's authentication token(s).
This task is achieved through calls to the Linux-PAM and Libuser API. Essentially, it initializes itself as a "passwd" service with Linux-PAM and utilizes configured password modules to authenticate and then update a user's password.
A simple entry in the global Linux-PAM configuration file for this service would be:
#
# passwd service entry that does strength checking of
# a proposed password before updating it.
#
passwd password requisite pam_cracklib.so retry=3
passwd password requisite pam_unix.so use_authtok
#
Note, other module types are not required for this application to function correctly.
OPTIONS
-k, --keep-tokens
The option -k is used to indicate that the update should only be for expired authentication tokens (passwords); the user wishes to keep their non-expired tokens as before.
-l, --lock
This option is used to lock the password of specified account and it is available to root only. The locking is performed by rendering the encrypted password into an invalid string (by prefixing the encrypted string with an !). Note that the account is not fully locked - the user can still log in by other means of authentication such as the ssh public key authentication. Use chage -E 0 user command instead for full account locking.
--stdin
This option is used to indicate that passwd should read the new password from standard input, which can be a pipe.
-u, --unlock
This is the reverse of the -l option - it will unlock the account password by removing the ! prefix. This option is available to root only. By default passwd will refuse to create a password-less account (it will not unlock an account that has only "!" as a password). The force option -f will override this protection.
-d, --delete
This is a quick way to delete a password for an account. It will set the named account passwordless. Available to root only.
Note that if the password was locked, this implicitly removes the password lock as well.
-e, --expire
This is a quick way to expire a password for an account. The user will be forced to change the password during the next login attempt. Available to root only.
-f, --force
Force the specified operation.
Manual page passwd(1) line 1 (press h for help or q to quit)
```

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```
maiyasser@192:~  
File Edit View Search Terminal Help  
[maiyasser@192 ~]$ man -K "passwd"  
--Man-- next: cut(1p) [ view (return) | skip (Ctrl-D) | quit (Ctrl-C) ]
```