

# 1. Difference between cat and more

1. Cat: display the text content inside a file to the terminal
2. more: display the content as a part and while you press enter it will display more

# 2. Difference between rm and rmdir :

## 1. rm

```
RM(1)                               User Commands                               RM(1)

NAME      rm - remove files or directories
SYNOPSIS   rm [OPTION]... [FILE]...
DESCRIPTION This manual page documents the GNU version of rm. rm removes each specified file. By default, it does not remove directories. If the -I or --interactive=once option is given, and there are more than three files or the -r, -R, or --recursive are given, then rm prompts the user for whether to proceed with the entire operation. If the response is not affirmative, the entire command is aborted. Otherwise, if a file is unwritable, standard input is a terminal, and the -f or --force option is not given, or the -i or --interactive=always option is given, rm prompts the user for whether to remove the file. If the response is not affirmative, the file is skipped.
OPTIONS
        Remove (unlink) the FILE(s).
```

## 2. rmdir

```
RMDIR(1)                               User Commands                               RMDIR(1)

NAME      rmdir - remove empty directories
SYNOPSIS   rmdir [OPTION]... DIRECTORY...
DESCRIPTION Remove the DIRECTORY(ies), if they are empty.
        --ignore-fail-on-non-empty
                ignore each failure to remove a non-empty directory
        -p, --parents
                remove DIRECTORY and its ancestors; e.g., 'rmdir -p a/b' is similar to 'rmdir a/b a'
        -v, --verbose
                output a diagnostic for every directory processed
        --help display this help and exit
        --version
                output version information and exit
```

# 3. Create tree of directories:

```
cd ~/Desktop/ITI/8.redhat
mkdir -p dir1/dir11
mkdir -p dir1/dir12
mkdir docs
touch dir1/dir11/file1
touch docs/mycv
```

```
.../ITI/8.redhat > tree
```

```
.  
└── dir1  
    ├── dir11  
    │   └── file1  
    └── dir12  
── docs  
    └── mycv
```

```
6 directories, 1 file
```

- a. he told me that it's not empty , and now i overcome this by using rm -r
- b. when i tried to delete the dire12 from the home it didnt' work so i made cd to dir1 and then rmdir -p to dir12

c.

- 1.Relative : ~/dir1/dir11/mycv
2. Absloute: /ITI/8.redhat/dir1/dir11/mycv

## 4. , 5.

```
cp /etc/passwd ~/Desktop/passwd
```

```
cd ~/Desktop
```

```
mv passwd oldpasswd
```

```
.rw-r--r-- 1.6k miles 20 Dec 14:02 oldpasswd
```

## 6. go to home directory

1. cd ~
2. cd ../../ , cd ./home/miles
3. cd /home/miles
4. cd

## 7. SKippedddd

## 8. Display first 4 lines of passwd

```
~/Desktop > head -n 4 /etc/passwd  
root:x:0:0::/root:/usr/bin/bash  
bin:x:1:1:::/usr/bin/nologin  
daemon:x:2:2:::/usr/bin/nologin  
mail:x:8:12::/var/spool/mail:/usr/bin/nologin
```

## 9. Display last 7 lines of passwd

```
~/Desktop > tail -n 7 /etc/passwd
polkitd:x:102:102:User for polkitd:/usr/bin/nologin
rtkit:x:133:133:RealtimeKit:/proc:/usr/bin/nologin
flatpak:x:965:965:Flatpak system helper:/usr/bin/nologin
sddm:x:964:964:SDDM Greeter Account:/var/lib/sddm:/usr/bin/nologin
openvpn:x:963:963:OpenVPN:/usr/bin/nologin
nm-openvpn:x:962:962:NetworkManager OpenVPN:/usr/bin/nologin
pcscd:x:961:961:PC/SC Smart Card Daemon:/usr/bin/nologin
```

## 10. passwd manual then the passwd file

```
man 1 passwd; man 5 passwd;
```

## 11. manual to the passwd file

```
man 5 passwd
```

## 12. print the passwd keyword

```
~/Desktop > man -k passwd
chpasswd (8)           - update group passwords in batch mode
chpasswd (8)           - update passwords in batch mode
CURLOPT_KEYPASSWD (3) - passphrase to private key
CURLOPT_PROXY_KEYPASSWD (3) - passphrase for the proxy private key
gpasswd (1)            - administer /etc/group and /etc/gshadow
kpasswd (1)            - change a user's Kerberos password
mkpasswd (1)           - Overfeatured front end to crypt(3)
openssl-passwd (1ssl) - compute password hashes
pam_localuser (8)      - require users to be listed in /etc/passwd
passwd (1)             - change user password
passwd (1ssl)          - OpenSSL application commands
passwd (5)             - the password file
saslpasswd2 (8)         - set a user's sasl password
SSL_CTX_get_default_passwd_cb (3ssl) - set or get passwd callback for encrypted PEM file handling
SSL_CTX_get_default_passwd_cb_userdata (3ssl) - set or get passwd callback for encrypted PEM file handling
SSL_CTX_set_default_passwd_cb (3ssl) - set or get passwd callback for encrypted PEM file handling
SSL_CTX_set_default_passwd_cb_userdata (3ssl) - set or get passwd callback for encrypted PEM file handling
SSL_get_default_passwd_cb (3ssl) - set or get passwd callback for encrypted PEM file handling
SSL_get_default_passwd_cb_userdata (3ssl) - set or get passwd callback for encrypted PEM file handling
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SSL_set_default_passwd_cb_userdata (3ssl) - set or get passwd callback for encrypted PEM file handling
```