

cp and mv

cp (copy paste)- copy from source to destinations

cp ./zendu/bloom ./jasmine }} bloom file is copied from zendu folder to jasmine folder

cp -r ./zendu ./flowers }}} zendu folder is copied from current folder to flowers folder

mv (cut paste) = move from source to destination
= to rename a file

move from source to destination

mv ./jasmine/fragrance ./flowers }} the fragrance file was moved from jasmine folder to flowers folder

mv ./jasmine ./flowers }} jasmine folder is entirely moved to flowers folder

RENAME -----

mv ./flowers/fragrance ./flowers/scent }} renamed the fragrance file to scent file

mv ./flowers/zendu ./flowers/marigold }} renamed zendu folder to marigold folder

chmod = to give permissions to the user for files and folders

Group	G1	G2	G3
Users	U1,u2,u3	U4,u5,u11,u12	U6,u7,u8,u9,u10

file owner	U4	u
file group	G2 ---- u5 , u11,u12	g
file other	U1,u2,u3,u6,u7,u8,u9,u10	o

Folder default permissions = rwxr-xr-x

Permissions	r(read)	w(write)	x(execute)
u	r	w	x
g	r	-	x
o	r	-	x

File default permissions = rw- r-- r--

Permissions	r(read)	w(write)	x(execute)
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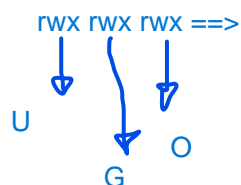
u	r	w	-
g	r	-	-
o	r	-	-

Folder	Read = see the ls, vi readonly	Write = mkdir , touch, vi edit, rm,rmdir ,cp , mv	Execute = cd
file	read = vi readonly	write = modify the file	./a.out } execute

chmod

rw- r-- r--	Add w to g	chmod g+w filename
rw-rw-r--	add wx to o , remove r from g	chmod g-r,o=rwx ./flowers/scent
Rw-r--rwx	Remove x from o	chmod o-x ./flowers/scent
Rw-r--rw-	Add x to all 3	chmod ugo+x ./flowers/scent
rxwx-rwx	Owner all , group rw, other= r	chmod 764 ./flowers/scent

000	0	---
001	1	--x
010	2	-w-
011	3	-wx
100	4	r--
101	5	r-x
110	6	Rw-
111	7	rxw



chmod u=rwx <filename>

chmod g=wx <filename>

chmod uog=rwx zendu

Practice

Create a file **gravity** in the current folder

1.	add x to owner and group	Using +
2	remove r from other	using -
3	give wx permission to other	using =
4	give rx permission to owner	Using =
5	Give read only to other, write only to group and execute only to owner	Using octal
6	Give rw- to owner	Using + and -
7	give rwx to all	Using =

You may create a folder **deadlock** } give above permissions to it

Try doing cd , mkdir etc in the folder by adding removing permissions !!!

Text handling ----- find and try running these commands (bash commands)
tac, head , tail , wc , sort !!!