

## Mission Name: Modifying the Filesystem

- \* To create a directory :- "mkdir"  
↳ make directory

Eg:- mkdir dir1  
↳ directory name

mkdir dir2 dir3 dir4

↳ 3 directories will be created

- \* For fully portable file name, characters to stick to [a-zA-Z 0-9 \_ . -]

- \* To delete empty directories, use rmdir  
↳ remove directory.

Eg:- rmdir dir1

rmdir dir1 dir2 dir3

- \* To copy a file from one location to another :-

Command :- "cp source-files destination"

Eg:- cp west east coast  
source-files      ↳ destination

\* "cp" silently overwrite files with the same name.

\* To avoid this we can use interactive mode.

Eg: `cp -i east west coast`

\* Copying directories with subdirectories:-

Command:- `cp -R dir1 dir2`

Recursive

\* To remove a file, "rm" command is used.

\* To delete a directory empty / non-empty :-

`"rm -R directory-name"`

command can be used.

\* "mv" command can be used to move files/directories from one location to another.

\* -R is not needed in case of directories with subdirectories.

\* -i can be used as it replaces file with same name.

\* No inbuilt rename command available. So, mv is used to accomplish the same.

Eg:- `mv east East`