

# Notes 5

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## MKDIR

- mkdir is used for creating a single directory or multiple directories.

### USAGE

- `mkdir + the name of the directory`

### EXAMPLES

- Create a directory in the present working directory
  - `mkdir wallpapers`
- Create a directory on a different directory using relative path
  - `mkdir wallpapers/ocean`
- Create a directory on different directory using absolute path
  - `mkdir ~/wallpapers/forest`

## TOUCH

- touch is used for creating files

### USAGE

- `touch newfile.txt`

### EXAMPLES

- To create a file list
  - `touch list`
- To create several files
  - `touch list_of_cars.txt script.py name.csv`
- To create a file using absolute path
  - `touch ~/Downloads/game.txt`

## RM

- It removes files. rm by default does not remove directories. To remove a directory use rm with the -r option.

### USAGE

- `rm filename.txt`

### EXAMPLES

- Remove a file
  - `rm list`

- Remove a file and prompt confirmation before removal
  - `rm -i list`
- Remove all the files inside a directory and ask before removing more than 3 files
  - `rm -I Downloads/games/*`

## RMDIR

- To remove empty directory use the rmdir command.

## USAGE

- `rmdir empty_directory`

## EXAMPLES

- Remove an empty directory
  - `rmdir Downloads/games`
- You can also remove multiple empty directory at once by specifying their names
  - `rmdir dir1 dir2 dir3`
- You can provide a relative or absolute path to the directory you want to remove.
  - `rmdir /path/to/empty_directory`

## MV

- mv moves and renames directories.

## USAGE

- `mv + source + destination`

## EXAMPLES

- To move a file from a directory to another using relative path
- ``mv Downloads/homework.pdf Documents/``
- To move a directory from one directory to another using absolute path
  - `sudo mv ~/Downloads/theme/usr/share/themes`
- To move multiple directories/files to a different directory
  - `mv games/wallpapers/rockmusic/media/student/flashdrive/`

## CP

- cp copies files/directories from a source to a destination.

## USAGE

- `cp + file ro copy + destination`

## EXAMPLES

- To copy a file
  - `cp Downloads/wallpapers.zip pictures/`

- To copy a directory with absolute path
  - `cp -r ~/Downloads/wallpapers ~/pictures/`
- To copy the content of a directory to another directory
  - `cp Downloads/wallpapers/* ~/pictures/`

## FILE

- Determines the file type of a file.

## USAGE

- `file filename`

## EXAMPLES

- Display file type without file name
  - `file -b filename`
- if you want to check the type of an executable file, ypu can do so like this
  - `file/usr/bin/bash`
- Check the type of directory
  - `file/home/user/`