TERMINAL

* Why?

Can make multiple files through a single command. Much more efficient and fast.

Access to new features to OS ie settings, hidden files etc.

Server and Node require Command line.

* Terms

**Terminal** 🡪 For command line usage. Earlier was a separate hardware device used to interact with the massive computer.

**Shell** 🡪 Programs that run on terminal. A shell is a user interface for access to an operating system's services.

**Bash** 🡪 Popular shell software. Default shell for Mac.

**ls** 🡪List Files in the path

**~ % ls** 🡪Home directory list

**pwd** 🡪 Print Working Directory

**cd** 🡪 Change directory

**cd ..** 🡪 Going back a directory

**cd~** 🡪Change to home directory

**cd/** 🡪 Change to Root directory

**Absolute Path** 🡪 From any directory if you type in the complete path of the directory, you can change to that directory.

**Relative Path** 🡪 Intermediate path. No from the home / Absolute path.

**mkdir** 🡪 Make directory

**mkdir dir1 dir 2**🡪 Will make 2 directories

**mkdir ..dir3** 🡪 Will make dir 3 1 folder up

**man <Command Name>** 🡪 Manual. This command gives a manual/guide on the Command Nae mentioned.

**:q** 🡪 Get out of man

**Flags** 🡪Arguments/ Options to be given after a command for a particular functionality to be performed.

Eg. ls –S 🡪 Sort the results by File size

Combine Flags to perform multiple functions on the command.

Eg. ls –Sa 🡪Sort the result by size and show all features of the file (combining –S and –a)

**touch** 🡪 makes a new file. Its called touch cuz it touches the file/ changes its modification time.

Eg. touch cubby.html

**rm <file name>** 🡪 Remove a particular file permanently. To be used Wisely.

**rmdir <Folder Name>** 🡪 Removes Folder but Only Empty folders.

rm –rf <Folder Name> 🡪 This is Recursive force flag to remove Non-empty folder.