LINUX...

What is a Terminal & Emmulator?

Terminal Emulator is a program that will let us use the terminal in a braphical Environment.

mkdir - creates a new directory on folder.

* CAC Stalle is con what is a shell?

A shell is a user interface for accessing an os Service and vos vresource. It's a program that any top of the os and provides a command-line interfaç for vesting inducting with system. The Shell allows user to enecute commands and scripts, nauigale the file system manage, processe, and perform other

task. There are several different types of Shells available, including Bash (Bourne-Again Shell), Zsh (Z Shell), and Powershell (Windows Powershell)

Command): : man every command.

-ls:- list all files in a directory.

root folder and so to go back to previous location.

ropen: open the program. e.g open pythos lif Python installed) rushere! to find the location of program. recho :- Display, Environment Variables: An eminoment vouiable le a dynamic value that com affect du behauiour of programs and process unning on a computer or 03. Environment variable are used to Store various system settings and configuration options, such as the path to enecutable files or the location of temporary files. These vourables can be set Changed or deleted by users or system adminstrators and are usually stopped in a file or registry. Any instance of a running command is known as vls-a! Display all hidden files reat: Display all content in that file. Aliases: Shortcut Commands.

Vim: to write in a file.

* Apple by default uses ZSH.

~ Prod! Print Working directory. a lo-al: list all hidden files that are long. ~ ls-R: dist all files dhat are in Sub-directory. ~ Cat > file. +x+ :- Creales file and you can enter the necho "Hello-world" > file that :- It will write hello-world iun file. tota n mon: display all information, about a particular, command e, j man echo. a touch "filename. tut" > Creates file. ~ cp : copies content from one file. nmv; move files, ~ Sudo: Super user de réquires administrative permission. ~ rm :- Remove fileadf:- System dish usvage » ndu: Ogstera disk usage Statistics [44] Nhead: View first few lines Ja file. By default but can be changed. while the prolonger ntail: View from behind last pout of duy file. ndiff: compares the files line by line, and output lines that do not match, n locate: Use to locate files. ~ find: find, files all hidden currything

3 Types of People. 3 Types of Permission (i) individual lead -> 4 (ii) group White -> 2 (ii) other. checute -> 1 7) Read Write Energy. 5-) Read Enecute. ~ Chmod :- Change permission. O.y churd u=rwx, g=rx, o: P upper. +nt. vgup: Dearch something in a file. Mistory: list all the previous commands. ~ ping! Connectivity Status. ruget "URL": Dowload the file on URL. Mtop: All the process that one worning in background N Kill "Processid": - Stop the Process. * Darwin is a Unix based operating system that is used in MacOs. ~ who hup :- if address. ~ nutstate: active port. ~ if centif & ~ Sed r cut cut.