vs. Window Linux Working of working lives formmends ctolab/obsers/wago o of Numerous prize fine (folder open/create/delete Shell: the (felders Imme System - Command Line Interface (CfI) -> Takes command as input. Interpret commands from user and tells as what to do. /bin - binary file (executable file) eg? /usr/Local/bin/python user Local binary File name. als experience lists all the files/folder in the directory. - open . - Shows all the file/folders in the directory. ~ mledix foldername - Creates folder & HEAS of sovitarration ~ cd Downloads - Changing directory to downloads folder. 2 Downloads Is -> Lists folders/filestin downloads. Dreutory, of nothing displayed is, u toin home directory)
proberts took one folder. -> Cross back to ~ Downloads cd.. Navigates to picture folder Commands. ~ Ocd Pictures = bwg & -, Crives the pathraay to the folder. · where foldername > Opens the pathway ! sol erral! a open usv/local/bin
pathway enot your all hidden sunhiden files. ~ Is -a -7 Shows Relative path Absolute parts This is when a use a sa when a give entire eurrent directory and was ware below and die

vs Window DS Uses mouse dicks Linux lommands to open/create/delete Using commands to open/create/detete files/folders Linux System ! files/folders s command him Interface (C) I) softes command as input abol taldware Hardware hus vertinux kernel sommes tor Oser, space. -Manages Hardware

Letts how to interact of provid

with system -Between Hardware was local binaugu File name BASH (Bourne Again Shell) => Shell scripting.
Wherer commands you type in, BASH understands, executes and provides output of sail and the wars Alternatives to BASH; zshilksh whom intelia foldername File Directory Structure protocilo priprodo ed-Dovonteads " / Root folder/Directory stail c r Journhaadh Ls /bin, letc, / home, lopt, 1/tmp, lust, /van=) Folders Lites with on folder Root directory. contoads ed spwd => Provides where u are at currently 119 boo spresent working directory win /home/ec2-user => file path.

Poot Home Sec2-user file.

Pollu File path mebber us smark = a= 21. > Relative path Absolute path This is when a give entire path along with cd eg; This is when a use writent directory and switch to another from that cd [home/ec2-user/content rg: using ed., cd.; com mands file pasta.

I lists files in the directory \$ 15 -1 => Long listing => Crives detailed into on files/folder in cd relative path commands:

\$ cd content/ => Takes u directly to folder

[cone folder =) Takes you to parent directory (one folder above) \$ cd & cd. 10:21 = Taker you to home diretory. 1- 218 Home Secret Directory.

Home Directory Cone file above)

ecz-use Sparent Directory Cone file above)

parent Directory Cone file above)

File. Abdomin Abdomin Cone I cd - 1 25/ Takes ligou to previous file/ Holder/ Directory to previous file/ Holder/ Directory to previous file/ Holder/ Directory to propose with the souls 1802A: they we propose they have the suppose they will be they be they will be they will be the souls to be they will be the they will be they wi listing " commands jo moliquous svip l'en brommas sul?

\$1s => tists files in current directory. \$1s -1 => Long listing, détailed information on files. \$15 - 1 => tong assing, actions of such as well)

\$15 - a => Displays all files (widden as well)

(2) a file starts with ".", treated as hidden file) \$1s -1 -a or \$1s -la => Long listing of all files. \$1s -R > Recursive listing history commands: dls -r => reversely ordermos Displays all the dls - t =) sorting files hat point motern &

i touch command believed avid a pritail prot a de el que - 1-cheates new fole Stouch newfile => eq! let us say stem file created at 12/03/2025 14:59:01

You can use this command just to touch the file.

Now if I again execute the command. I hastone has a story of touch newfile of your salar and the date time model. Als -l = you can see the datetime modifical protocial town 12/03/2025 15:01:01)

mkdir command ristorial errord folder

Creates of directory of folder

> 4 mkdir newfolder with file command:

> & file newfile of content in the This command will give description of contents in the profession transverse really stail attail cat command cataciled information on files. all state with the contents of fileways (= 0 - 216) Displays l'contents pop fier ell 10 0-1-216 - R Secursive linting history commands: als commands you have typed at Displays all the point 312 -t =) souting files -> & history command: elears the workspace -> \$ clear

Move command command; less This command will open the file in a editor mode User can navigate through the file, search for a word

ontent.

I you type: If you type: protection primaried (= gab bas von te q - Exits the editor window and goes back to terminal 9 - moves the content to begining of file. - searching a word (example: /good) searched. h - Help (You can imeritain editor window) PILE MANIPULATION:

Copy command you of put not make the true out cp => Transferring tile from one folder to another w Signer myfile. Ext newfoldu

Sile to be noved moved moved moved moved myfile. Ext in newfoldu directory Make Directory/folder : Her live ti i- evip voy verles mkdia = Make directory or creates folder. -> \$ mkdræi nehrfolder 1. - privig tor ver von ge Remarka

Sil you want to move files in bulk:

\$\$ \$ cp \$ txt newfolder! Ctext manipulation)

This will move files that ends with txt" to newfolder!

ins command i Move command Use this command to modify file name or to more file from one place to another. -> \$ mv myfile myfile txt => Renaming the file. >\$ mv *.txt eath => Move all files with .txt" to cad dir.
>\$ mv cad/ dog => Renaming directory . 9901

Remove commands: > frm -r newfolder/notros at som Deleter all the files in newfolder and then deletes herefolder box Directory Name =>> Remove Directory

The directory should be

copy command with confirmation:

Let's say you have two files with same name in

Litternat Polder When you try to copy the directory

Let's say you have two files with same name in two different folder. When you try to copy the file from one folder to another, it should popup a message for When you give -i it will ask for confirmation such as overwrite filepath ? problem can specify yes or no If you are not giving -i tit will directlynte overweite the file without confirmation files that ends with text" to newfolded = \$ cp * txt newfolded

Removing direct non empty directory: \$ rmdir => can remove only empty directory. To sumove all the files within the directory: \$ rm -r content/ => Recursively deletes the Ly Directory name files and directory Creating subfolder \$ mkdir -p newfolder (car L) sub folder main folder Find command: To find file/directory.

Syntax)

> Sfind I home - name *.docx L' Filename. Disentory Help commands. -> \$man find => Crives a manual on find command. -> \$ whatis find => Grives u short description on command -> \$help ceho. Alias command; setting shortcut for command. ->\$alias f="ls-la" I ean use if instead of 1s -la command You ean set alias for repeatative commands. -> unalias of => This will unset the alias for of Exit command \$ exit => closes the terminal window \$ logout => logs out of user.