

* Navigaling and Working with file Cd Diacitory name (Charge directory) Cd .. Igo bak to provious directory) Cd & back to home no metter when you are), mkdon foldername [Conste directors in concert] > directory onndin folder nom. [onomine distritury) dionactiony touch file none (none does not exist on filenance [oncomer file] 1 Moore that the CP file man to apo file mane to paste (Copy the Pile & Paste it) Onstindion path appear { Moves a file) >> You can even change mane

* Searching and Comparing Grep Keyword filename. Points the line in the file which has this keyword and highlight it for our diff file 1 file 2 [Points the difference between] Passud { To charge password) [Torecto a Variable Variable name = Content of Variable with that Variable name and contain me content ofter = Sigin. echo thing to disple Secho just display the things => echo \$ Varibleman e [displays Content of the] info commadnare [gives information about the] * Saving gresults to file Convadrant 7 file name command. Commandance of filenere (Appard the onesults of the Command to the Pikmane)

sting of the state of

* File Permissions = In the beginning indicates that it is file d in the beginning indicates that it is disrectory. on => oread W = Woite -> Owner Permissia × > execute -> Conoup Permissia - oux one - -- Is Nord Coo example: Indicate it is a file Your storm = when I Vandalo U = Usen g => group. a = other prople Throad for which grow What permissor you want to these permission give on take (and /x) filenane. (2/w/x) (u/g/o) Chmod numinuminums file nanc. - Permission for other people ! -> SAMA EXECULE

2 > Worte

6 -> moad + won'ter

7 -> gread + write + exocute

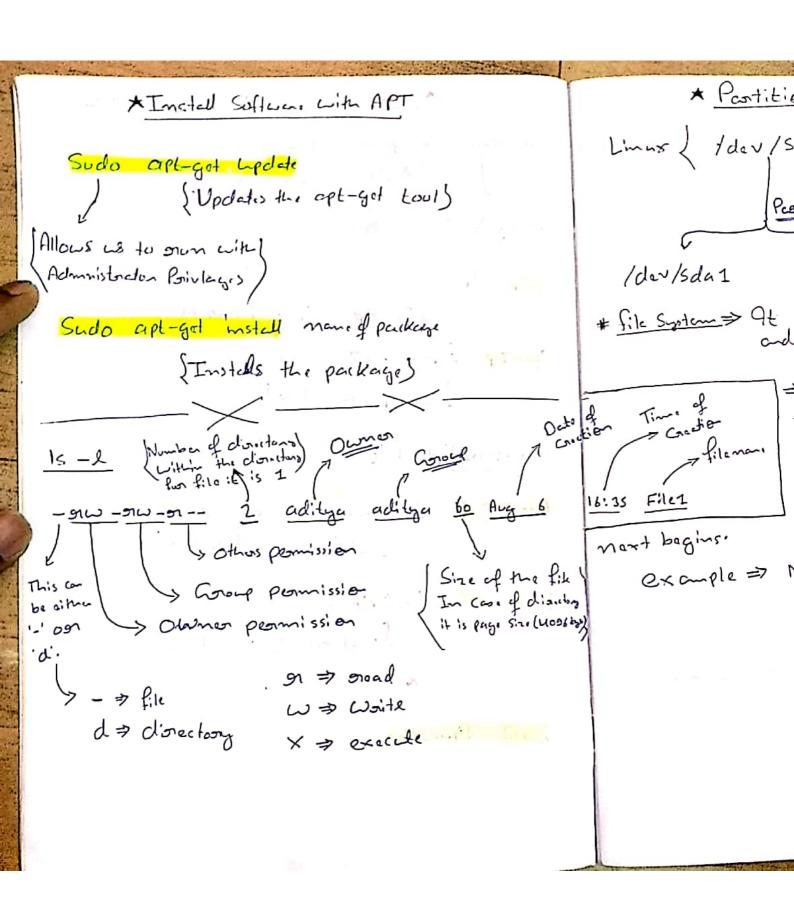
1 -> oread

* Compress and Extract to and grafite. file name with Space in terminal > Aditya Shrixwastara Adityal Shriwastaval gzip filename (To zipafile with 42) Gunzip Filenae. gz 1 Unzips the files tion multiple file tan CVf tanfileName-tan file1 file2 [Ziping multiple file) ton xvf tanfile Neme . tan [extrating itan file] *Toedit afik

gedit filenome

sia

si e



* Partitioning Limns & Iden/Sda, Iden/Sdb etc...) Prontitioned Unallocated ldev/sdaz /dev/sda1 * file System => 9t Controls how details stoored and pratriaved. => Without a file system . Information placed in a storage Time of Charles modium would be one lange body of data with no way filaman to Eall where one piece of imformation stops and the 16:35 File1 nort bogins. example => NTFS, FAT32, ext2, ext3, exty [word on [(Limux alut) News file Sustim File System Compatable with all opending sust om. Linnx, Mar, Window

* Shell Script This Consuming

#!/bin/sh This Command tell. when you are onuming this file, your it in shall

on for adding Command

=> Woite any Velid bash Command.

=> for suming Shall Scipt => book fileName.

* Envisionment Variables

> At is a dynamic-vanid value that can affect the way owning poocesses will behave on a Computers.

example: LANG, PATH etc.

This Variable Contains a Colon (:) Sepanated list of disactories in which your System looks from executably files

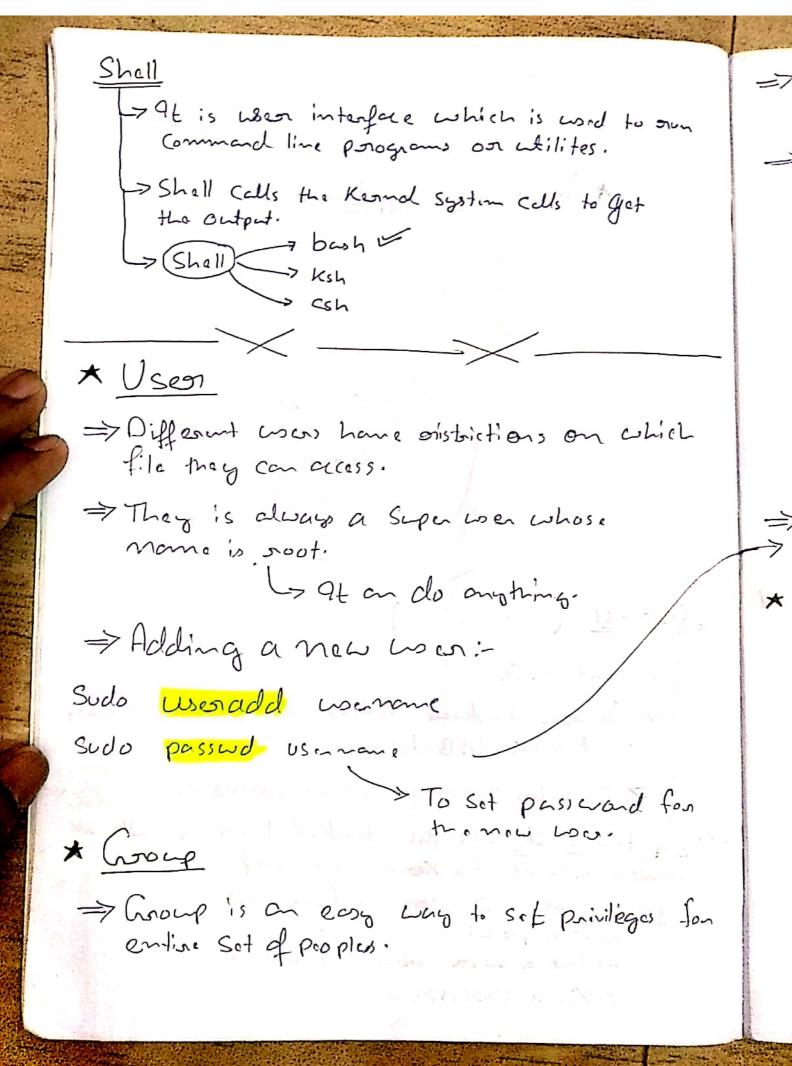
)=> env Commad displayes all the environment

Delating Variable

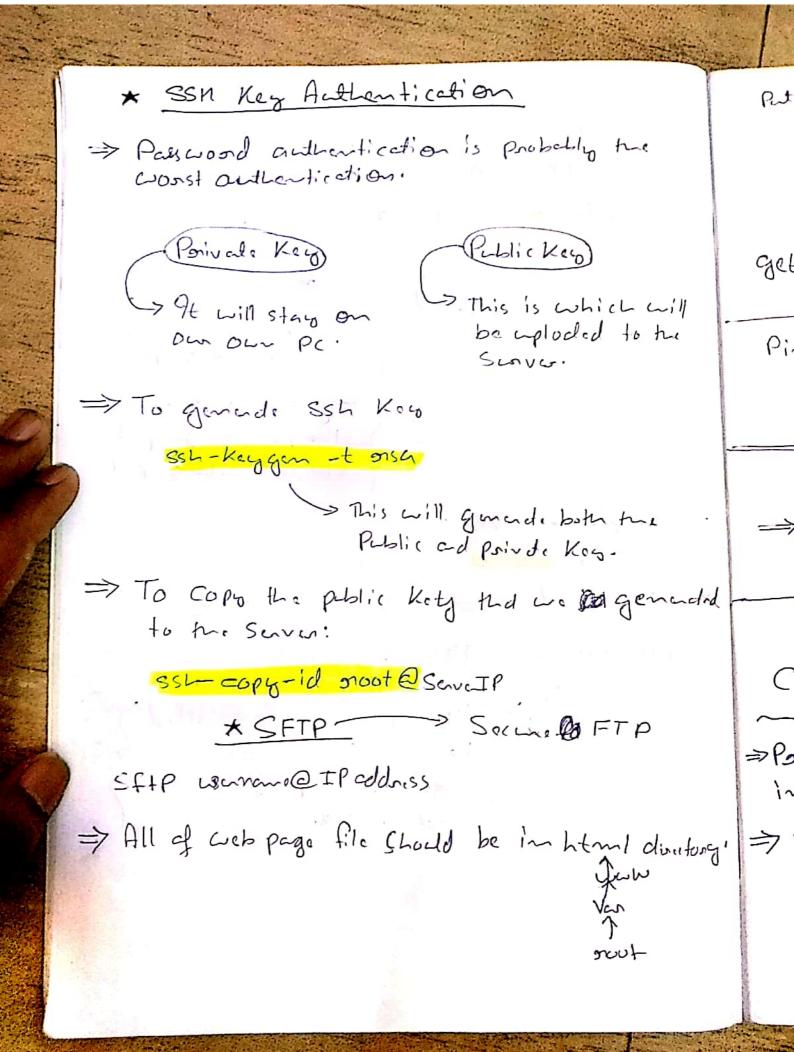
Un Set Vanichee Name

 \Rightarrow

LINUX UNIX (Donish Computer) (MIT Bell labs) * Horchitecture of Linux OS Applications Keomel (Worldmine) Heat of Os' -> Manages hardure devices like disks, monons , Naturank, USB device etc-7 It also margos users process etc. => System Calls are the Standard liborary calls which queries the Kernel for Specific need. eg: 1> time 2> access file from a dish 3) access packet in notwork device 4) Stat a wood Submitted process 5) Kill a process.



=> To Create group Sudo groupedd groupmane => To add a non to group Sude usermod -a - G groupmane appind 1 9t means we are just adding the wen to part grap -g means chase the primars grap to this note gray >To dolote was: Sudo Usendal Usenname * Setup and Connect to SSM Server SSH username @ IPaddriss > (Now you are commacted) I to the Server as the the IP address



file adds in or you am compile (Uploching) {file } > Mela sur you acon Corner discitory on host computer. STO. documbed get Plenare Localion on our compt. Ping iPadding > used to check Correction to the network Smaps => Snap is universal package formade anded by ubunty. Vim Commad mode => > to quit editing > World a tre ⇒Poness i to go Into Current state to the file insut mode. بولنا: > Squa Rexit => Paress Esc to go back > quit with to Command mode Saving dd => to delete a line : Sof number STO numbe U=> under your last the text file

