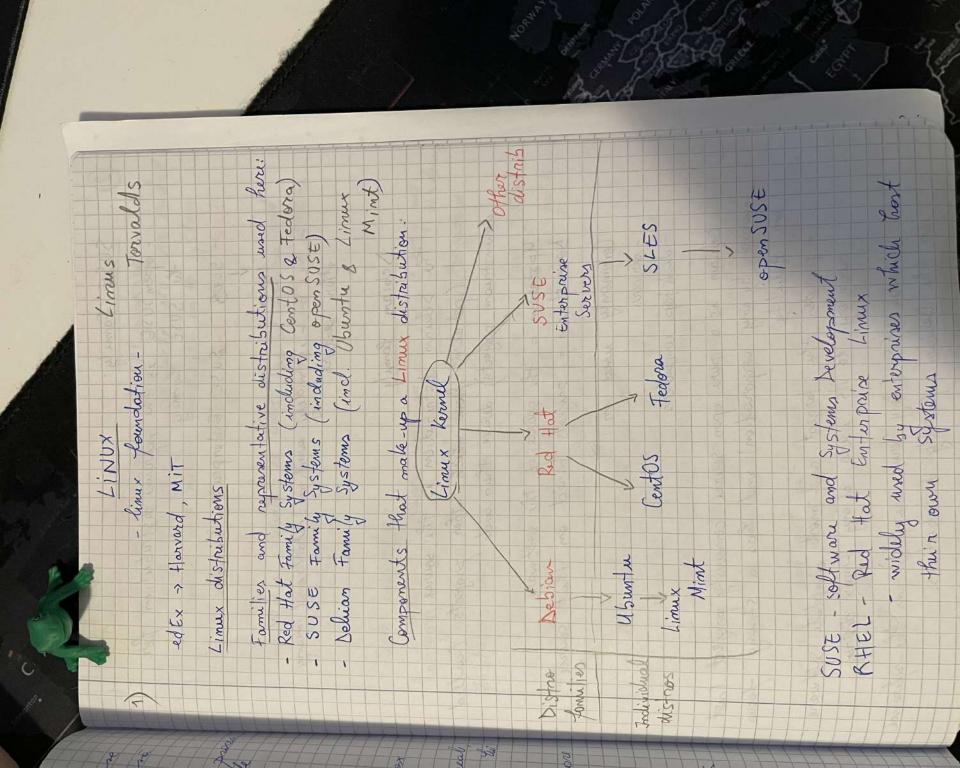
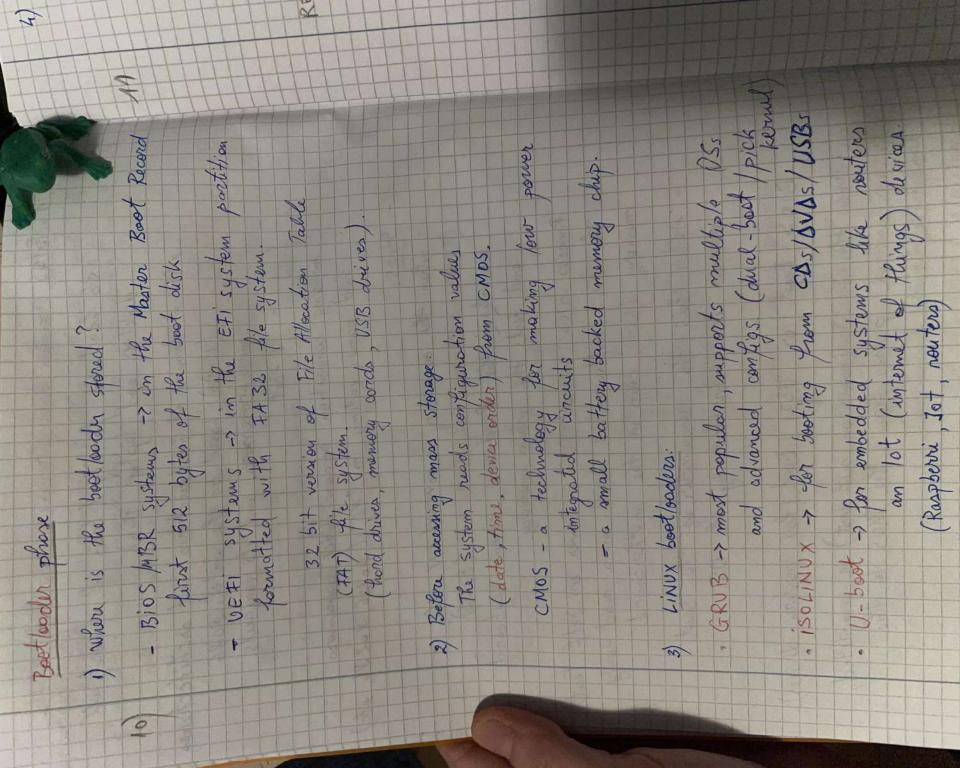
rum combs in pockages (. exe 1. miss 2000 waing apt, apt-get, apt-cache, etc. to install software on your system. hood it differs wailable tool that installs those 2000 wodate and remove packages in the system. 1 Delian and dAKE for you cloud something + install a package Linds which apt-get, apt-coche = commands DPKG-band APT package fer the List of - 000 son/ ne install and where Smorteer software store mamager - you much to tell it Ubuntu has been widely wood Usuntu is swift on for you the the terminal APT (Havanced Package Tool) smarter tool that was GNOME-based under Soldware -> rubush Manager Unpacks and installs = low-level Packages installer Software Deluian Lomity: Side Knowledge: interlose. the wood dup oy ments imstall 2020 - Contract Store Limux: 122 W. W. le DPKG LUNES · New APD. In staller 000 weo 000 3 apt 1 led not cmo ton 3

Ubundu LIS (long term support) as the reference thes a strong focus - provides the largest and most complete software commity project mot majest (upstrucom) from which other projects (colled repository to its warm of any times distragi - is widely used in retail and many open SUSE is the reforme distrabution for Sown stream = projects based on that for the Delican Lomily distributions. Sever Upstacom = the source of the software SLES - SUSE Enterprise Deluian is a pure open source owned by any corporation) and word on: the SUSE formily computers Debian Comily SUSE Family: other rectors Commonly on stallity. Limex SIES - der houle -ならいの



1 sy stem RAM Power ON -> BIOS/VET! runs (hardware check) between drivers and Small program that loads your after the computer Emm mms Do mom the Kernel + temporory drivers multiple intromps (intra noot Kernel into memory choose Bodloader Goods the Kernel into Stants disk of fite system) -a temporary noot system the Bootfooder have Bootloader Responsaluilities a memy to veryions. filesystem und to bootstrap OS on The disk 50 non fr into memory Domos Om. (Limux, Windows etc) 1 er Kernel intro Tual LINUX present entrol parses to Kernel takes ever 785 : mem boot) the So + 7he 1) local the dual Bootlooder's BOOTLOADER prepare optionally di multiple 100g Lind Nain 1000 1 m 7 50 $\frac{3}{2}$ Z.



Bios = tow level dirumvare on a chip on the noming consention because Intel processors hod names ending in "86" (80186, 802 26, etc) Process also married Post (Power on Self Text) X86 = Lomily of instauctions set architectures (1545) based on the Intel 8086 BioS Book on UETi Book (for modern devices) once the Posi (power on self text) is completed, system control passes from the Bios to the . The Bios software is stored on a read -only - x86 hardware tomity (basis of almost all initializes the hardware, somen key soord . After this, the remainder of the Sout microprocessors and its variants. minimory (ROM) chip on the mother sword. · when the computer is powered on the Basic Imput/Output System (Bios) process is controlled by the OS. and texts the main memory. boot books. 07 9

7 1017 9 sperational I A LAND Interfoce getty and process 1 the system doop fully margement (MBR) Shell 8 VIII VOICE IN A Spin/init (parent Umi-Initial RAM disk sophiane comusts somer on to a (initromps) Boot Rewa Partition Esset Process = intializing Command anophical Boot Loader System startup leg GRUB) Kernel + a number of other mana germent distribution, operations, user Kernel NO on EFJ 18/05 Master POWER every thing hom when interfore Banica & package 1 max let - reloted A full PROCESS rothware L Immx The 300 00

command line interpreter that interprets tasks and Service - program that runs as a sockground proclas command Line = interfore for typing commands command has input and instructs Passides the standard toolkit and protocol X Windows System = graphical subsystem on almost collection of software moting up a to build (=1) on almost all times systems. File system = method for storing and organizing - file system - X Windows System - Desk Top Emvironment 05 to pertion any necessary Boot looder = program that books the OS 1 Sash, tesh, 25h command time > shell on Windows interiore on top of the 05 shell on hour Linaux - based 05 Linux systems (Bm mands. in linux Kernel 05 Spain Limux Terms the p Soot looder 0 - distribution Distribution Bower Shell Bark is retrice Shell Shad home Suburn 50 in

Lime. Kerme disto Sold 790 Nist 300 Se 17 Downon = background process that reuns continue outly products Limux is a luly multitasking (i.e. multiple threads and serlaims system or service-related of execution are solormed simultaneously), multi user Apache Web Server -> httpd (alwort half of 10 tasks, without direct week interaction. · Andraid - built on top of the Linux Kernel -> multi-astimo, multi- user computer with built - in networking and nervice processes.
Therewas as doesnows in the Unix World. - ending in Social Media platiforms use open source soint that worked all web servers one running Apache -stored in a hierarchical the system Top made of the system -> noot timberedy behind the events. sshd, mstemd, httpd, mysgld gaemen Fitness devices: Fit Bit OPEN source products: ward by a Weather Gorecosting invisible weller Search Engines Limux Liles greek UNIX

The Andreid system is built on top of tadoord more than 90% of the public cloud work/1000 all of the world's most powerful supercomputers Holy wars - strong disaggreenents in the command the graphical interfore (windows buttons, menus) man atopies: in the command line it you want to thour more about a command, prompt, may only of smartphones (Vit Android) Linux Sudlo - to gain temporary root privileges safely talks to the hordware, it makes the Settings that's all aNOME doing the work.

(when you click around -> 4 re interesting with But under the hood UNOME sends instructions to that makes it teel like a "mormal" computer hardware work, run programs to. -over 36% of the viold's top web survers GNOME the Ubuntu core to octually do things. snogram, toysic or with ty 2) The Desktop Environment (& NOME) Limex = just a Hernel (05) timux is word to power:

5 tet = the core system, the actual operating system you of way NE package Limex to the Hware stuff: managing mis るといった window buttous to actually put the software on your system fally to the app store 29 tool called SO app store for Linux -> all of this is monded search smith -> search for a envision ment (LE) for software opt update to refresh the say cum arata disk topul in acest con type commands like ast install Q 古人 called to unimetall things. as its default controlling uses another -> update invotalled 6 was a tool took ban, menus, I coms, Scheen veryen without Deluan) Swit-in of which latest soft ware command - Pine the bood AT based on . it you non Usuntu Slack terminal dor+op Debiam and Ubunter GNOME or apt remove orp P.S like a met working. The api wegrade installing 1 apt - coche MARS imstall apps, the buttons agnithm Les X+Op) monagur KNOWE 25 most 4 Under Mounte Volu w Rich 6 List.