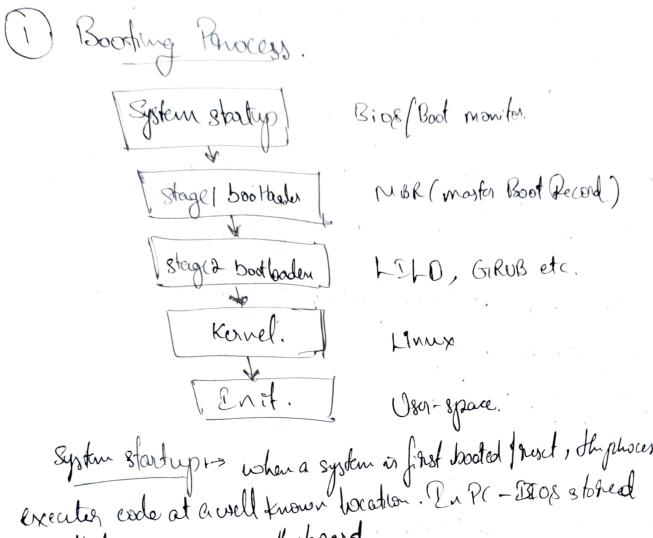
## LDS Asserment

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System startup +> when a system is first booted frust, the phouseness executes code at a well known bocation. In P(-BEOS 3 to head on a flosh memory on mother board. Bios is a small piece of code (512 bytes) - 1st plag down.

Béas : dutifies HW (bootderiee) which is bootable & active.

Stage 1 Boot Loader & Job or defend e load secondary bootlonder.

MBR loads Alus stage 1 boot leader.

Stage 2 boot loader - Apply Alrocalled as Kernel Loader. Its task & to load the linex kernel. 1st 2nd gtage boot boader combined are called LILO Or GROB.
File system or consulted. Refault kernel mage & intend image are loaded into memory. Kernel -> Af the head of the Kernel image, a num time does some setup & de corpen other Kernel image & place it in high many. ternel of the called Eckerul boot begins. Suit : Karel starts the first is space application. Compilet. roto Chibrary. first plag/sbinlinit. 2 Function of 08. Security: protects une date. El plevets unanthorzed access to phogram & usudate. Job accousting i 08 keeps track of time & horoner und bay various tasks. Ever dectety aids + Constantly monitore ith system to detect ever & arold melfuctiony of system.

Coordination blu software & was r OS coordinates & designiffication, compilers, anables.

Memory maragement The OS marages the plinary memory.

Sof keeps thack of monory, which byter are und by which proper Allocate money for the placen, deallocates when the process has terminated. Knocenor management - ES decides the order in which the phocemes have acces stoothephocenon. Keeps tracks of the status of procures. File management + Afte management system is organissed into diquectories for efficient navigation husage. (3) Monolishic & Hicro Kernel diffrem with dogram. plonofithic Kennel > Micro Kernel Roch uren senvere kennel Smirer an kept in same address space. user Sevicer & kend arekept in saperate address space OS is easy to design kinplement DE is complex todesign Mondithic kernelaulagunsge Micro kernel is snall in size Doffeuld to add now function. Easier douds new fuchion Fature of cone composit downot effect the worky of microkonel Falure of entire gystem. Execution speed a Ligh. Execution speed is low.

Monolithic Kernel.

Derrice drivers

File Systems

Menoy marraya

Hardware

Device duran

[Mamoy margar

File System

Shicha Kernel

Hardware

HURFI and Legacy boot

NEFE stands for unified extensible financiare interface. Most new motherboards consiste of this type. It has more advantage than ush Rins usty Bi os.

En night BIES that was the keyboard to Select the options. UEFI allows controls Nia mouse. UEFI contains &course boot.

Legacy Bios und by Bios firmular. It storrer a lest of installed storage device that are bootable. Bles performs POSI

- (5) Commands on windows to check disk partition.
  - -> Open power shell terminal
  - -> type diskpart.
  - -> Diskpart > light disk.

    Set will thist any detected disks.

    -> Disk part > light volume.

L's Et will het detected volumes.

-> 12/8kpart > lest partition.

L> this will list the current partitions on the devices.

- 6 Commads to check Serice En undoug.
  - s années de la service etate = all
  - se gruyer type = service state = all.

    Search for specific service.

> SC conveyex type = senice state = all ford li "senice vare"

F Styps to start or stop semicus in windows.

Start Service.

Search services.

Click on the some you want to start click Start button

Apply button.

Shop service
open start
search service
Click outh service you want to shop shop.
Click shop patton.
Then click apply: