

Source Code

Popularity :-

Linux

IT

Education

General

Purpose → Windows

Package Manager

Beginner

↳ RPM (yum)

↳ DEB (apt)

↳ ARCH (pacman)

flavoured OS

Fedora OS, Redhat OS

Ubuntu, Zorin

Pop OS

Archlinux

Majano

EndavourOS

Linux

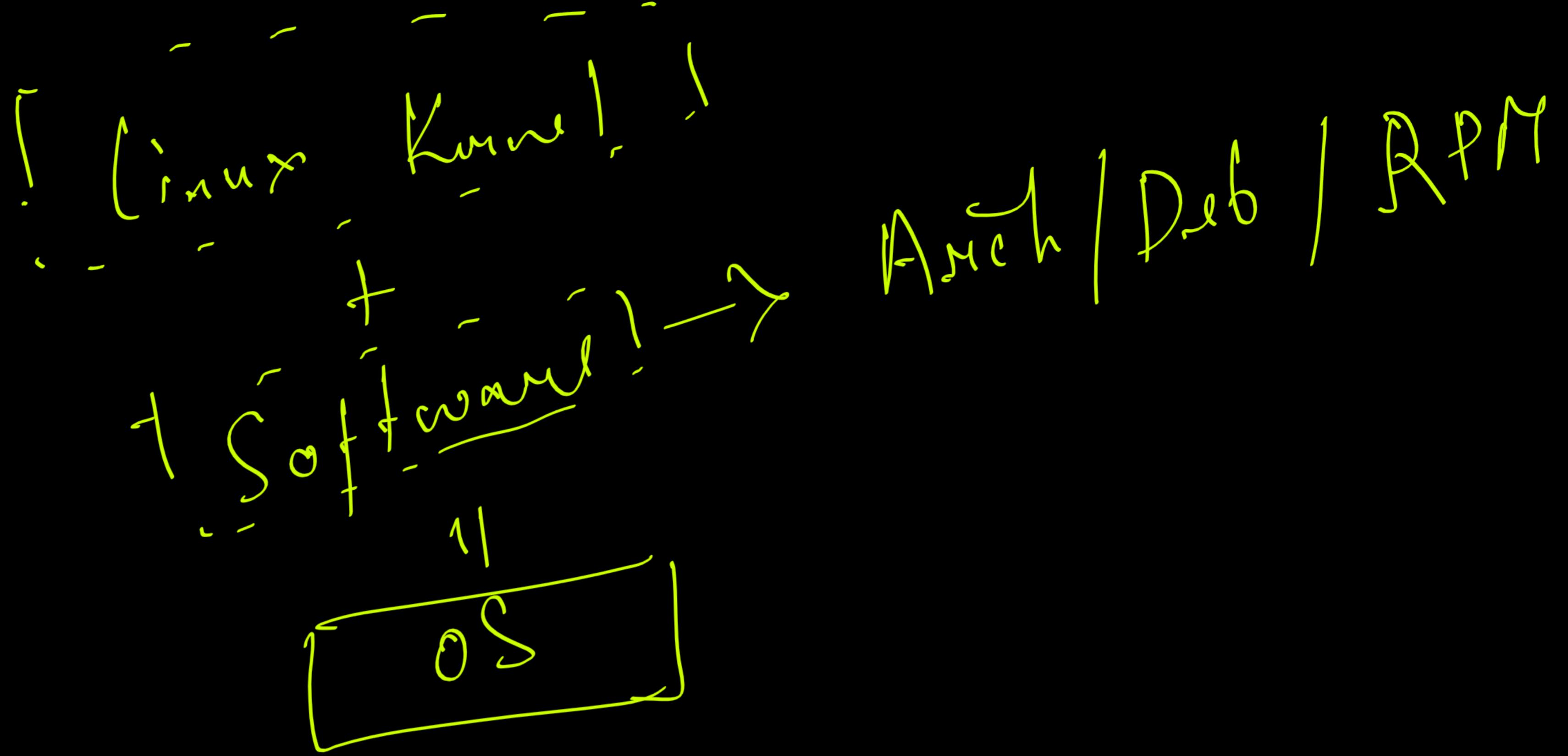
GUI  
Unity, KDE Software  
GNOME OS

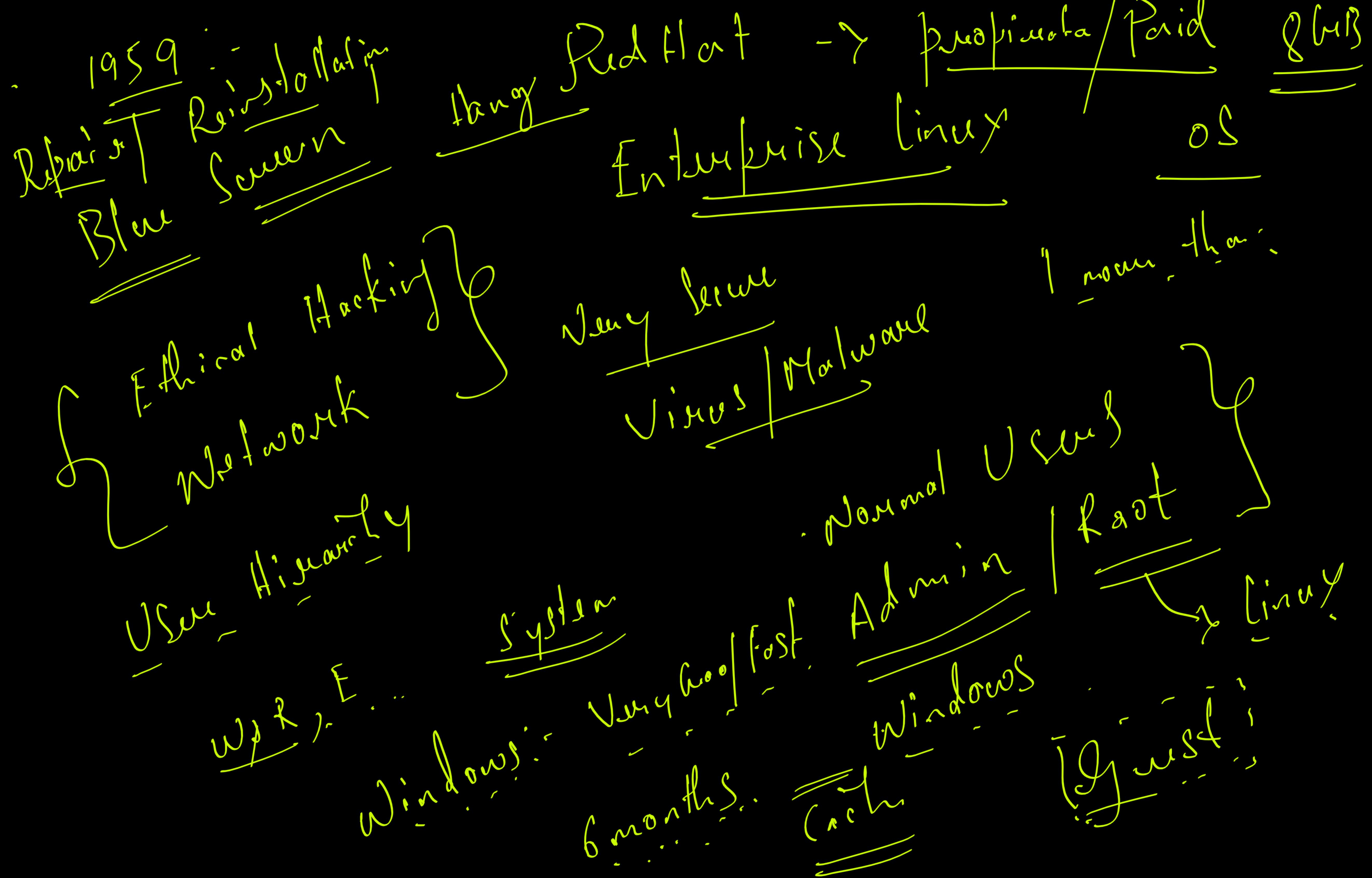
Display Manager

linux is not an  
OS

Linux Kernel

+ Software

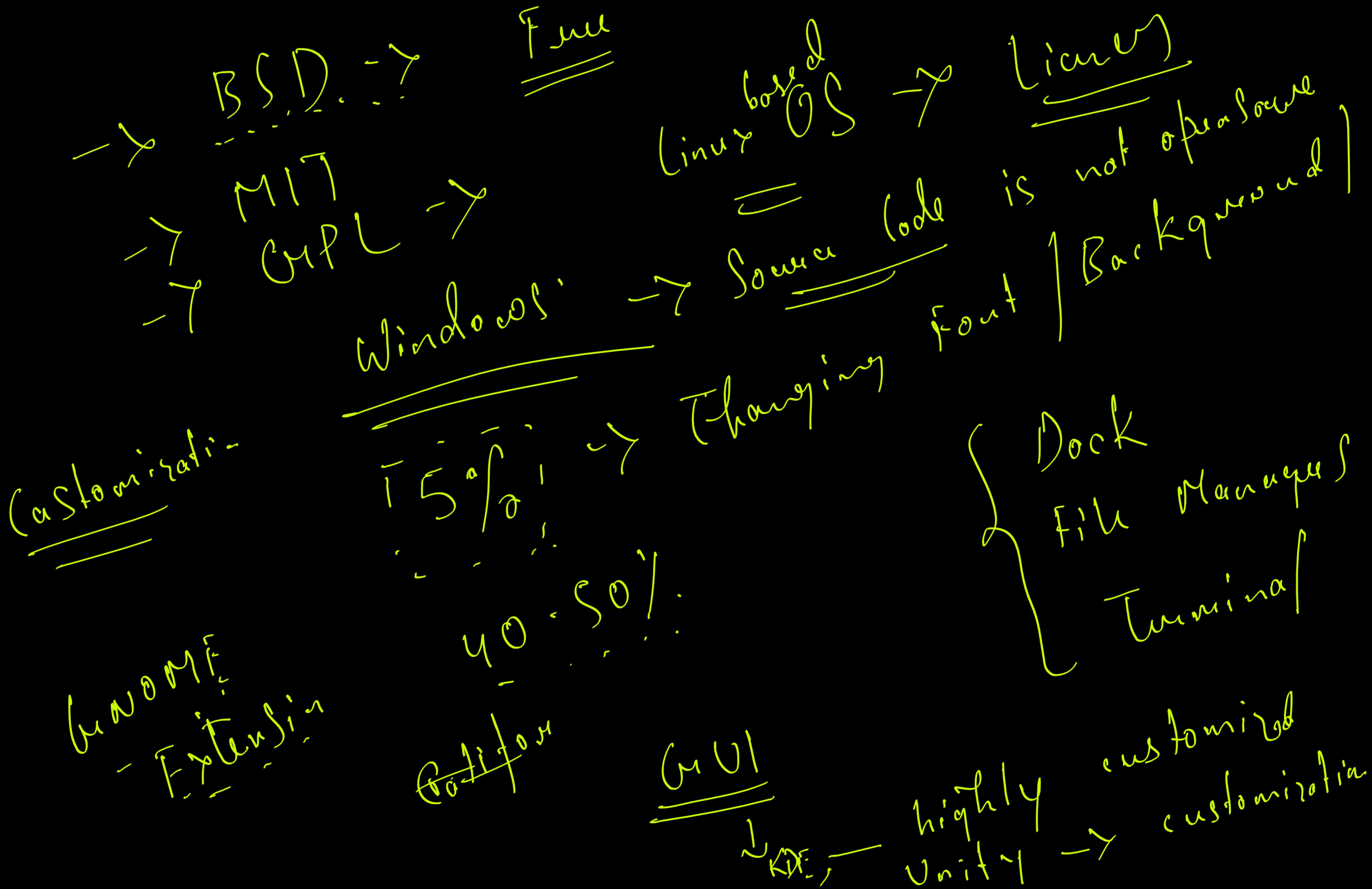


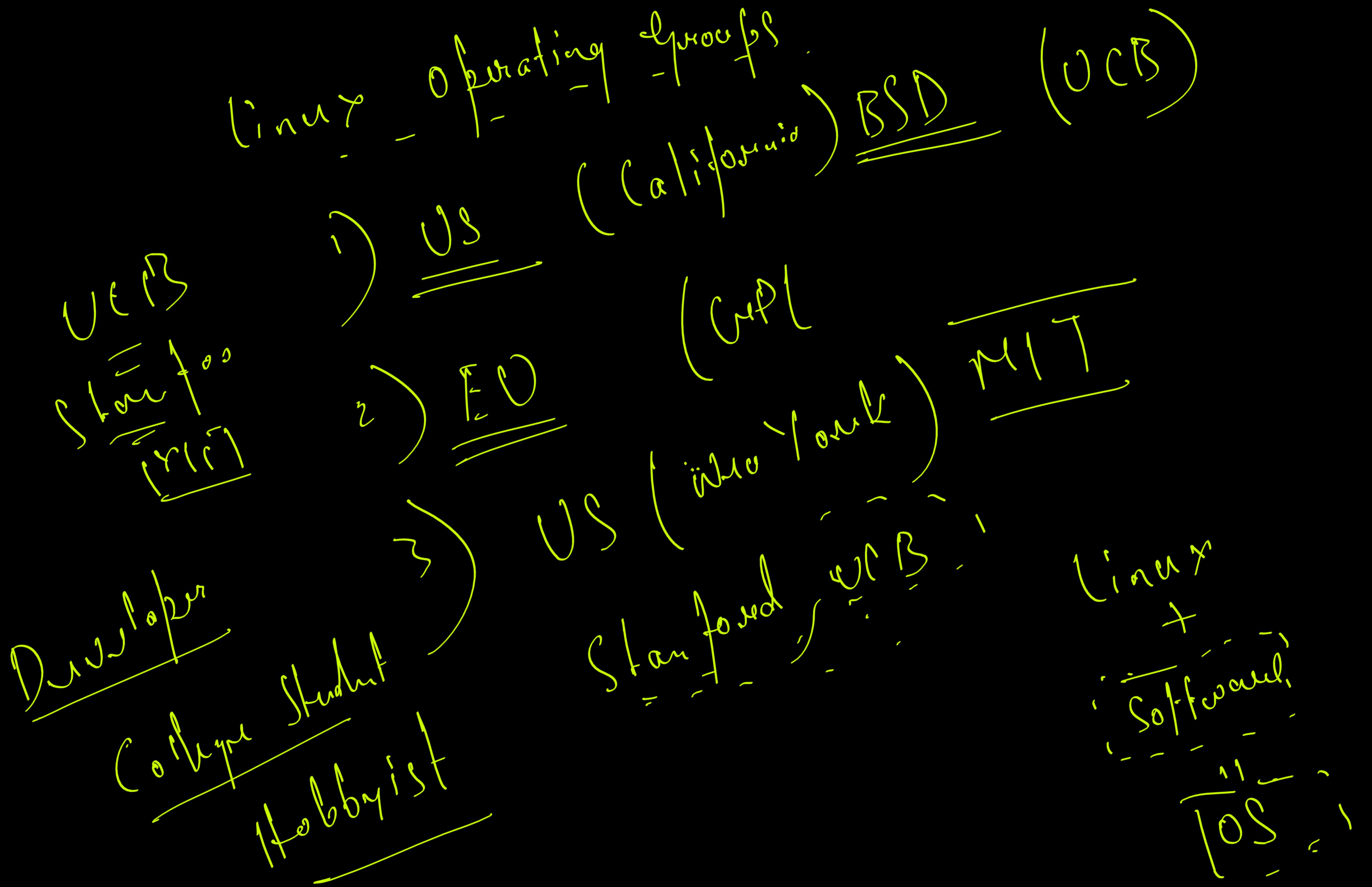


Free  
Open Source  
Patent  
Science  
Open Source

Arch → pacman  
Debian → apt

BSD  
GNU  
GPL  
= + Software  
↳ Software  
↳ Microsoft Store  
↳ PlayStation Store





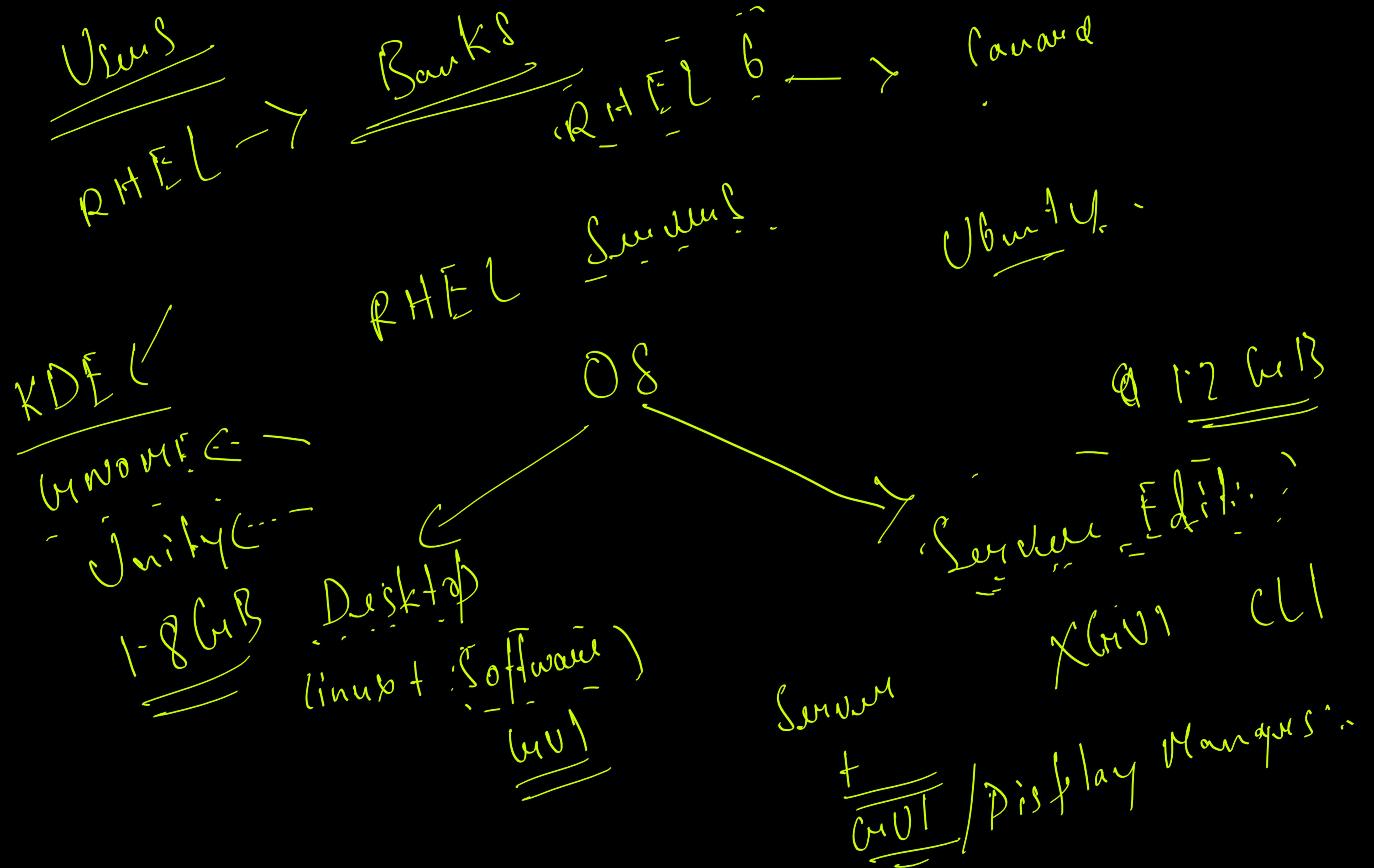
High Speed  
→ RPM → IT  
CentOS | Redhat (Free)  
Linux | Redhat (Paid)

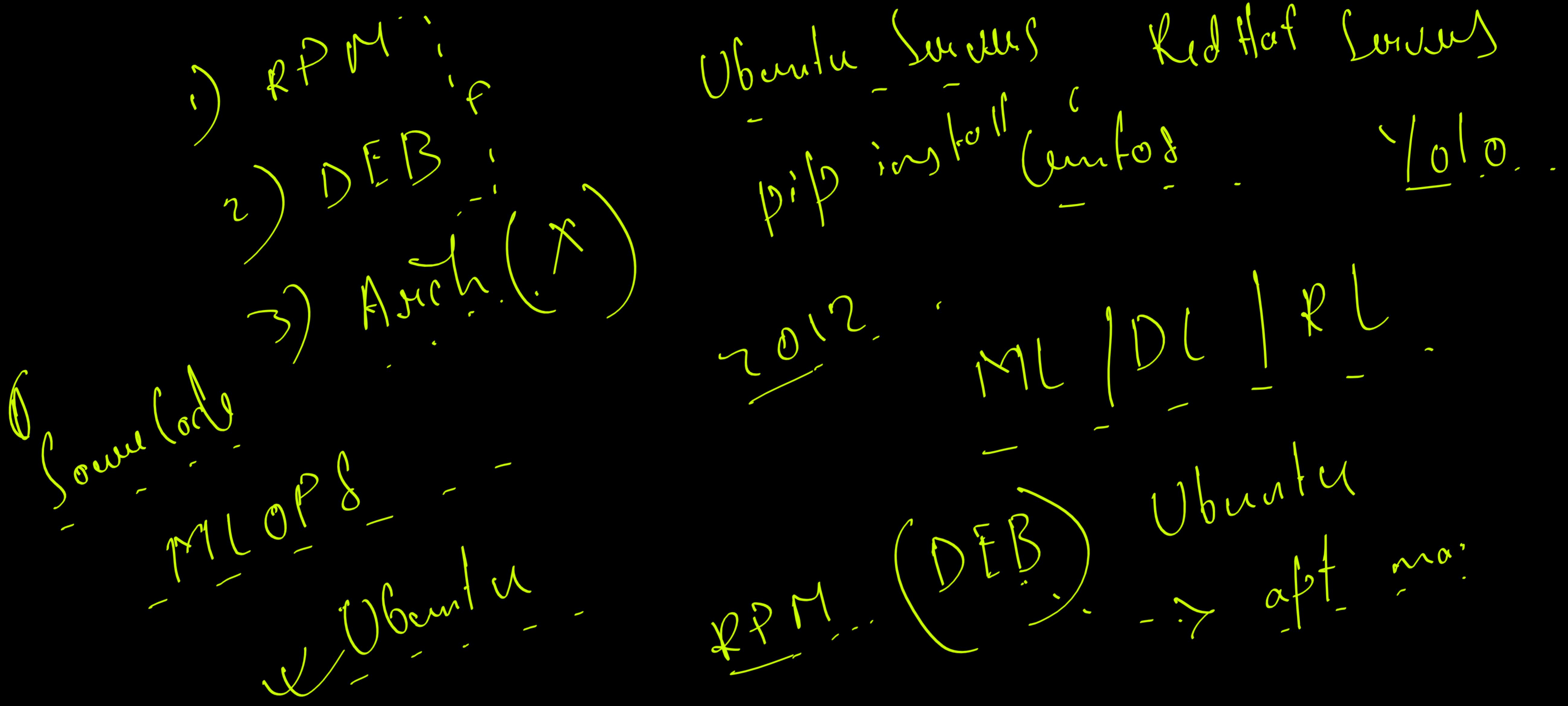
2) AArch → Advanced Linux Users  
(KDE)

3) Deb → Beginners | Normal User

LPI  
→ Linux foundation

⑧ REDHAT  
RHCE  
RHCSA  
RHIT  
RHCE  
RHCSA  
RHIT





Client Human Activity  
 Recognition & Gestos  
 ↳ slow fast Ubuntu

Smallest Linux Operating

Distro

Fastest Subprocess

Linux

Alpine

slim

Docker

Image

Alpine

Nvidia  
Docker

apt  
flatpak  
snap  
Package  
choco

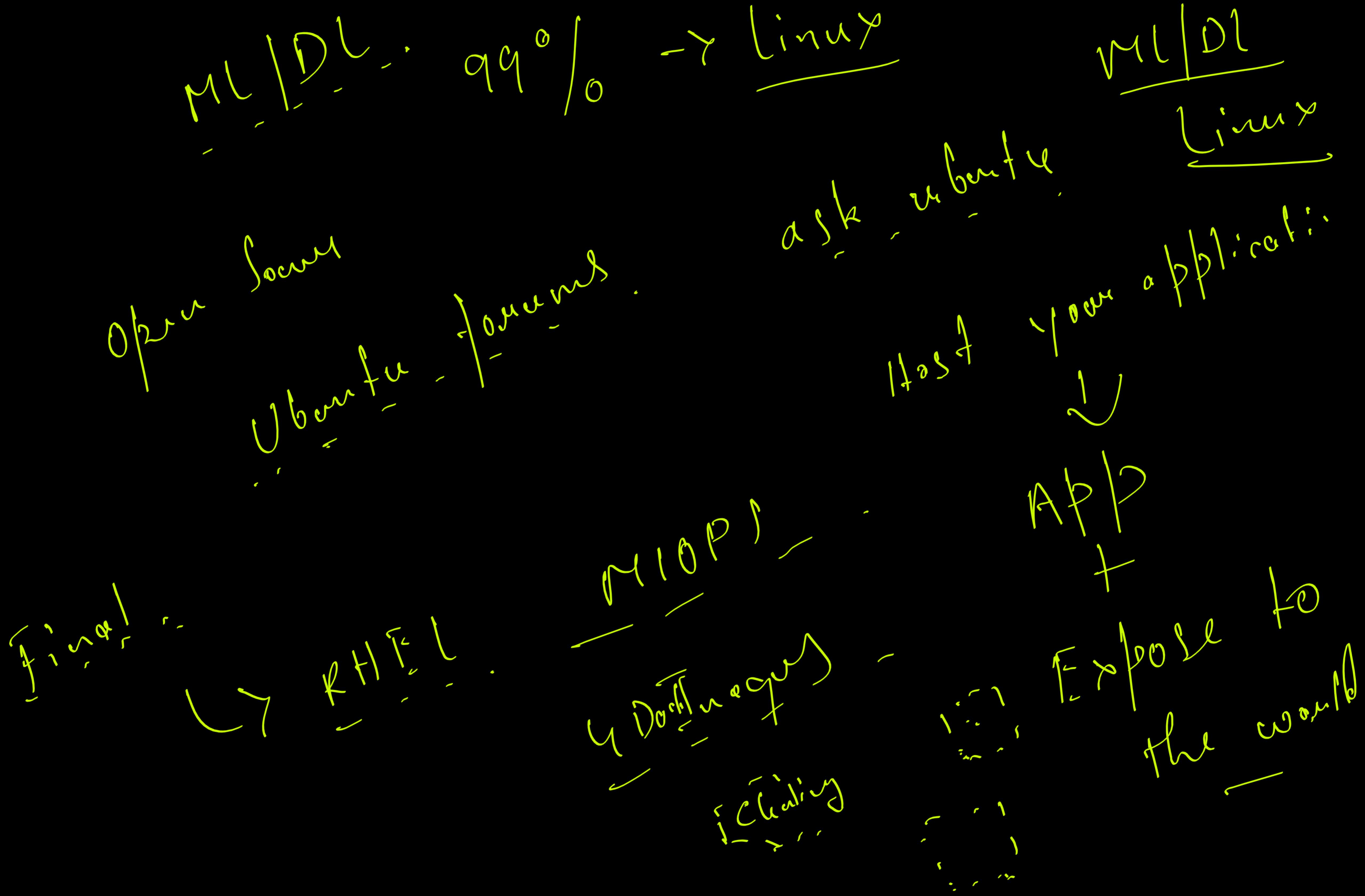
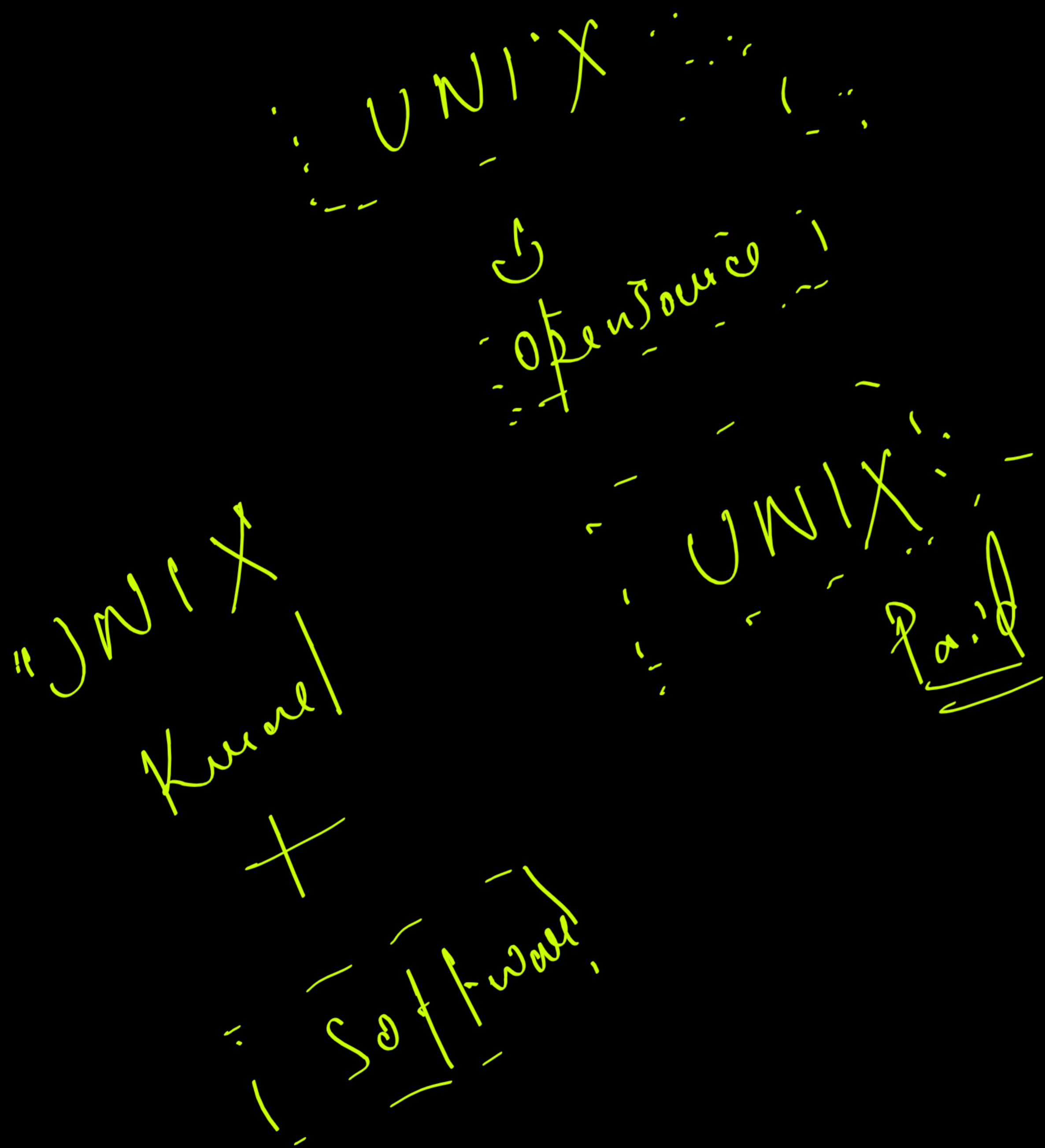


Table → Birth of C and UNIX

Dennis Ritchie

Ken Thompson



AT&T  
Paid Professional

1980



param  
Projects : GNOOME  
param S-10.  
2000

India  
LINUX  
↳ Source code  
↳ Updates  
↳ Contributions

Updates - - - - - → Stable → Debian OS.

VS Code

Not Stable:

Developer Updates

3

Graphical

Display

Simplified

Windows Inside

Frequent

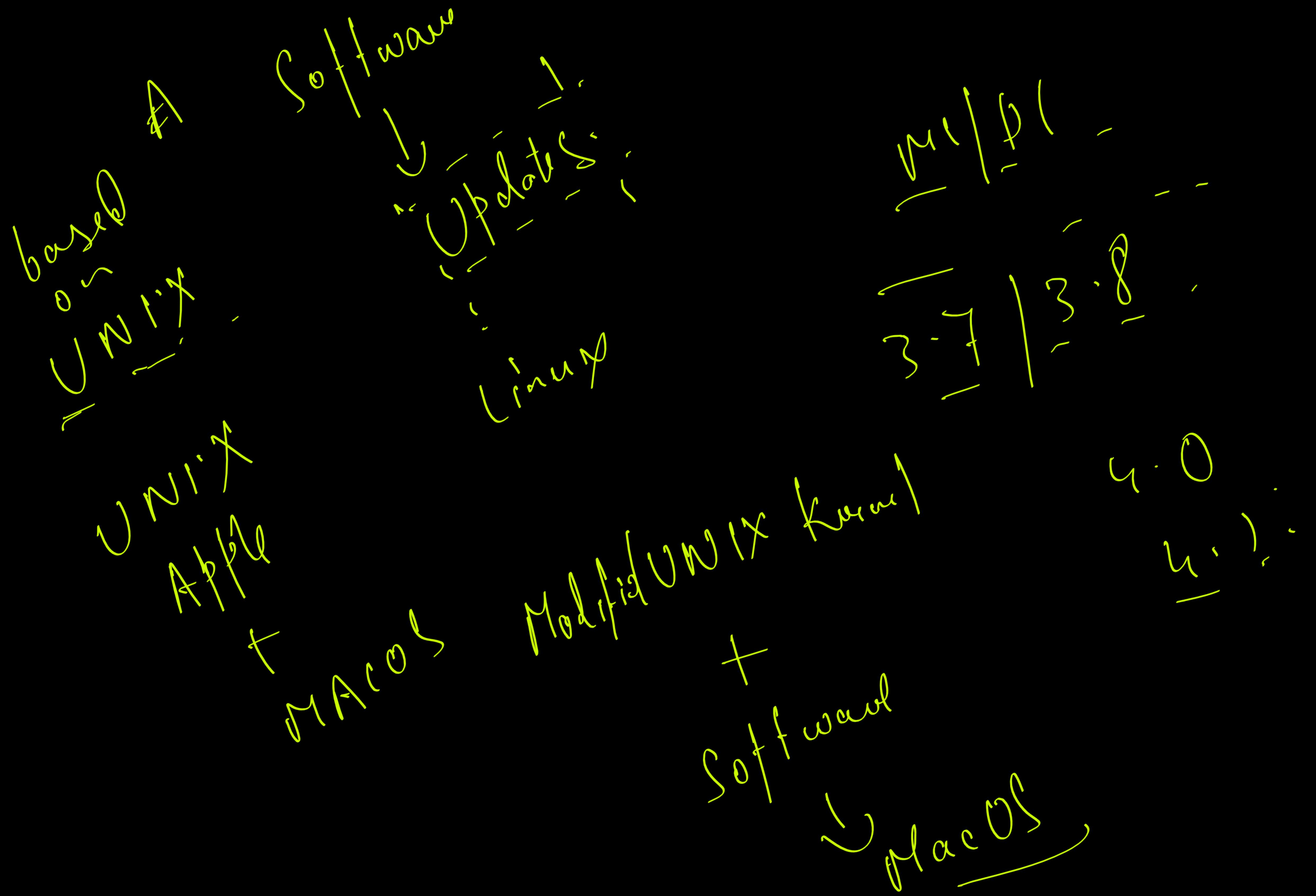
POP OS

Y 200MB

Beta Phs.

2018

2021



Research -

- 1) Stanford MIT
- 2) Open Source
- 3) Microsoft

Micro

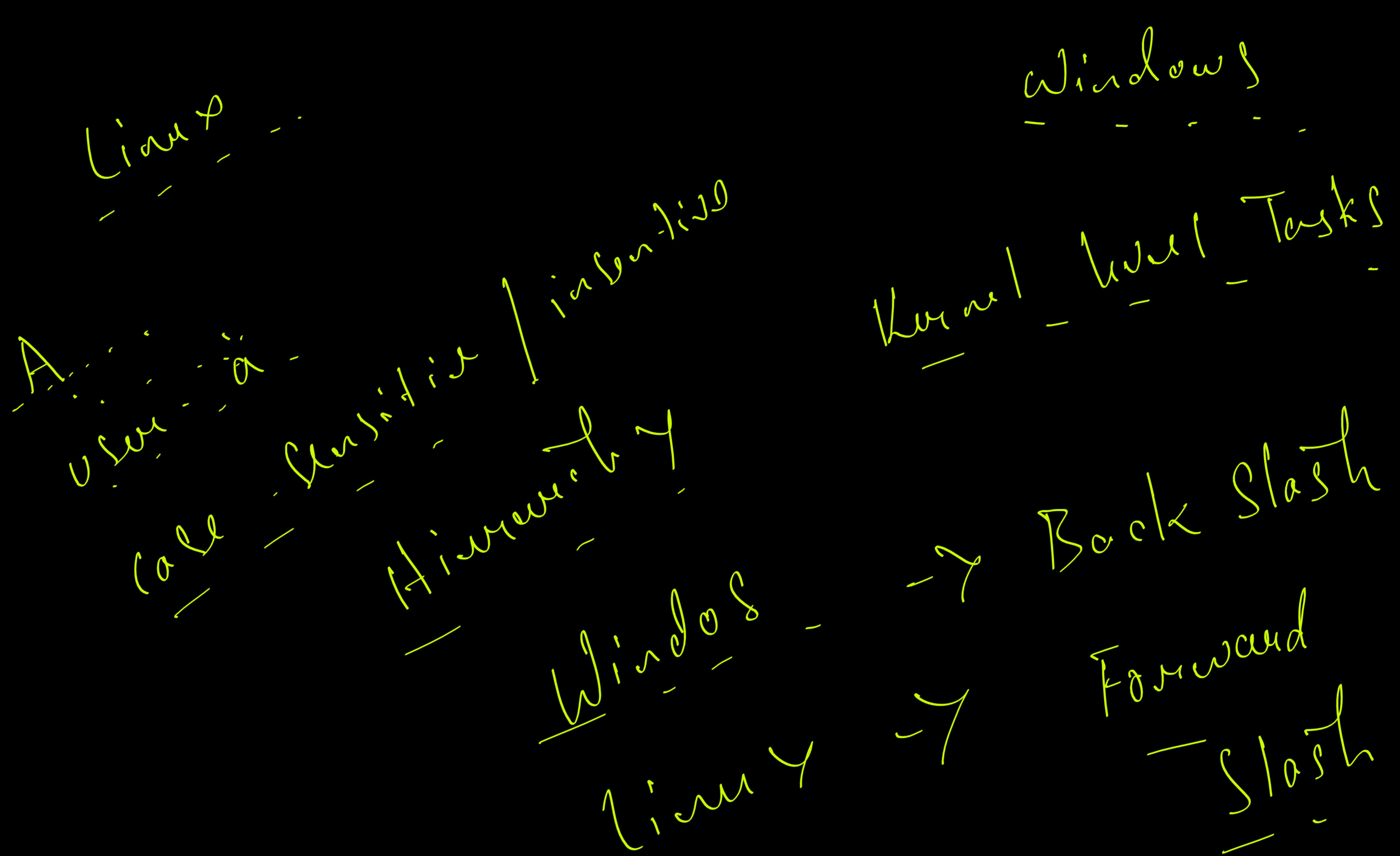
WSL

60°

Android

1 -  
ith  
ith  
Under

60°



Linux

BASH

ext3, ext4  
Higher level of security  
mounting

Windows

Powershell

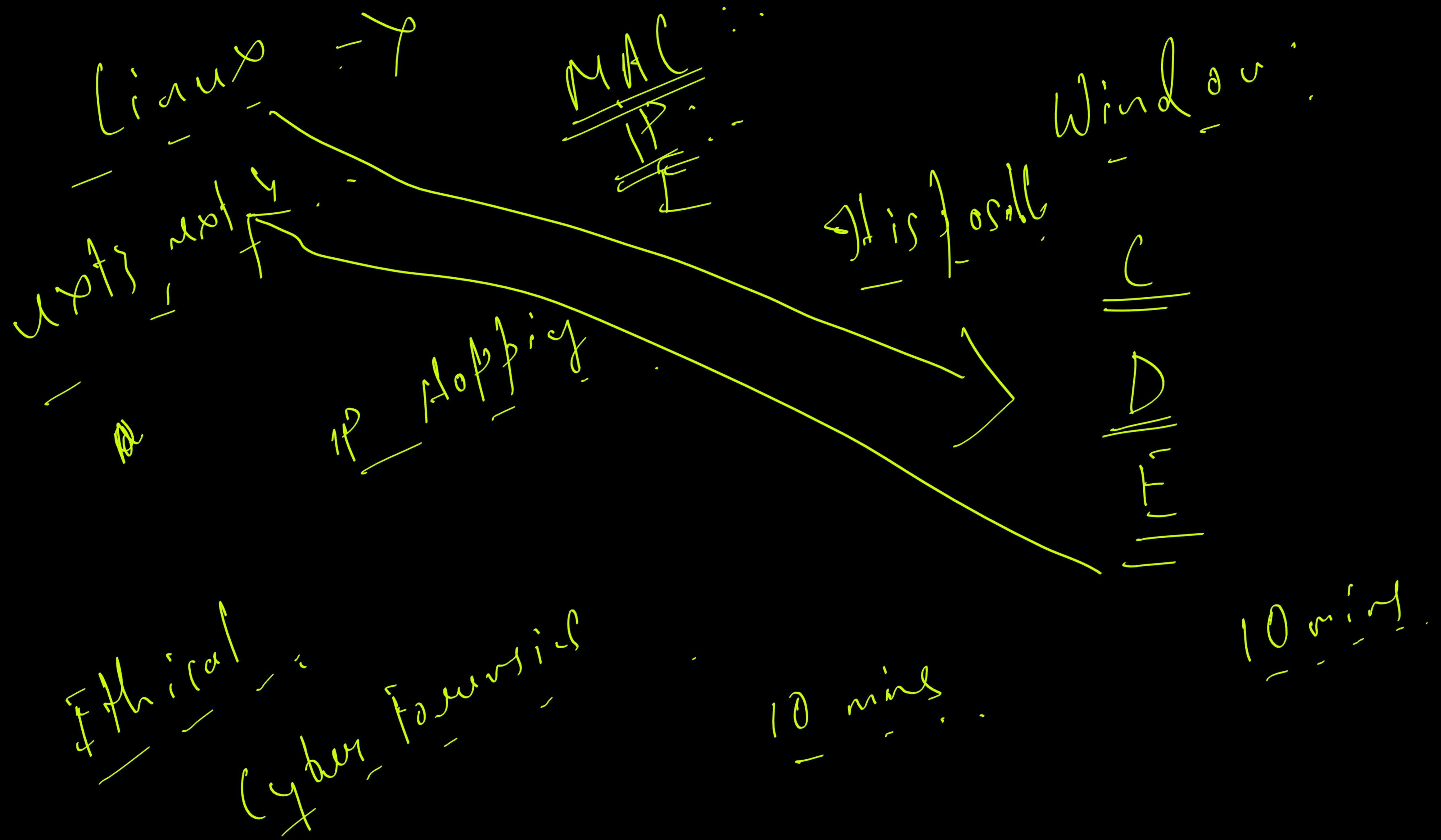
NTFS, FAT32

Hard disk

1TB SSD Partition

NTFS 500MB

500GB



Installation

Install

Windows  
Easier

Linux  
Complicated

Package manager is - so much

Symlinks

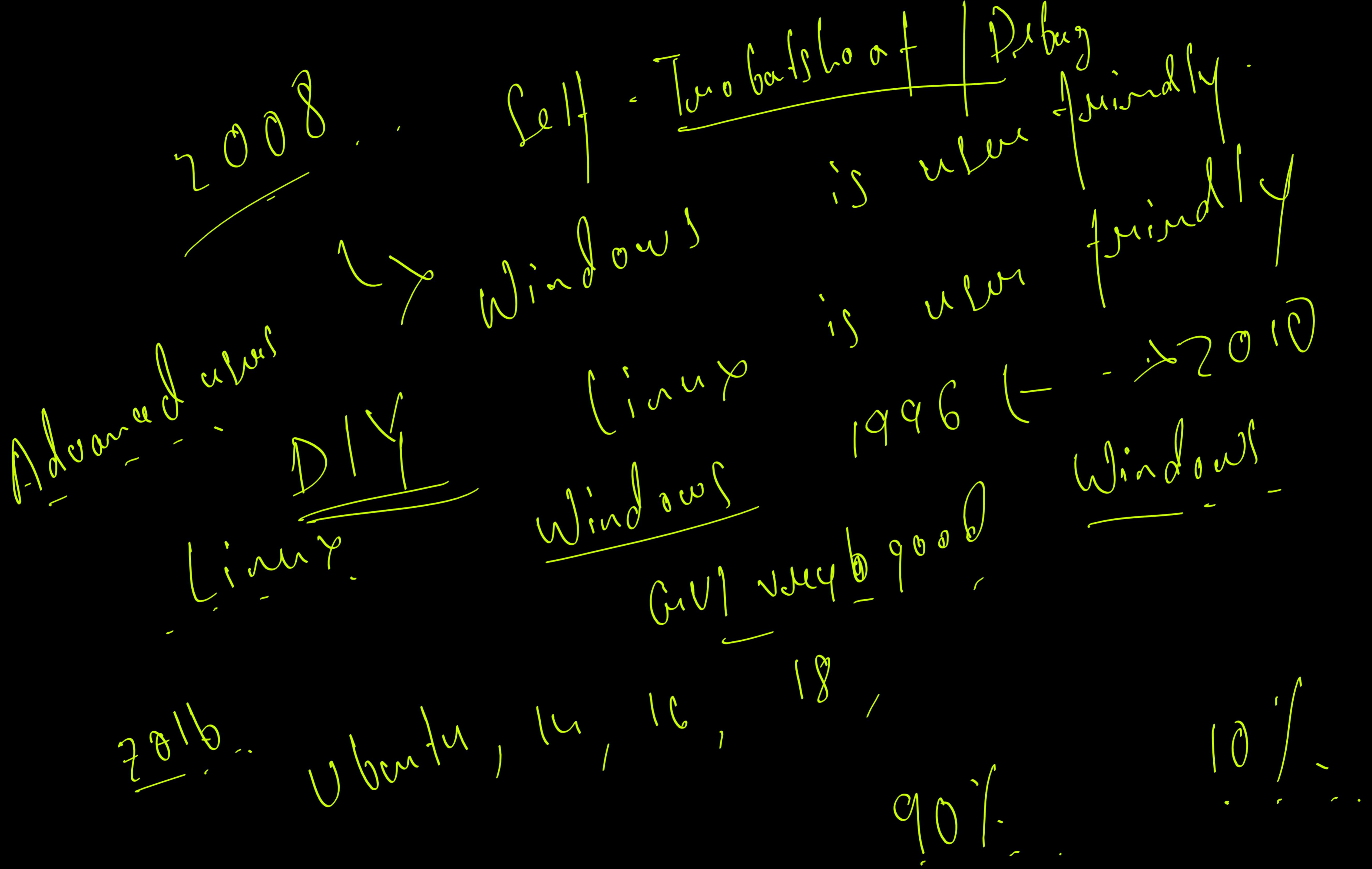
Fast

Linux

Wine

User → to

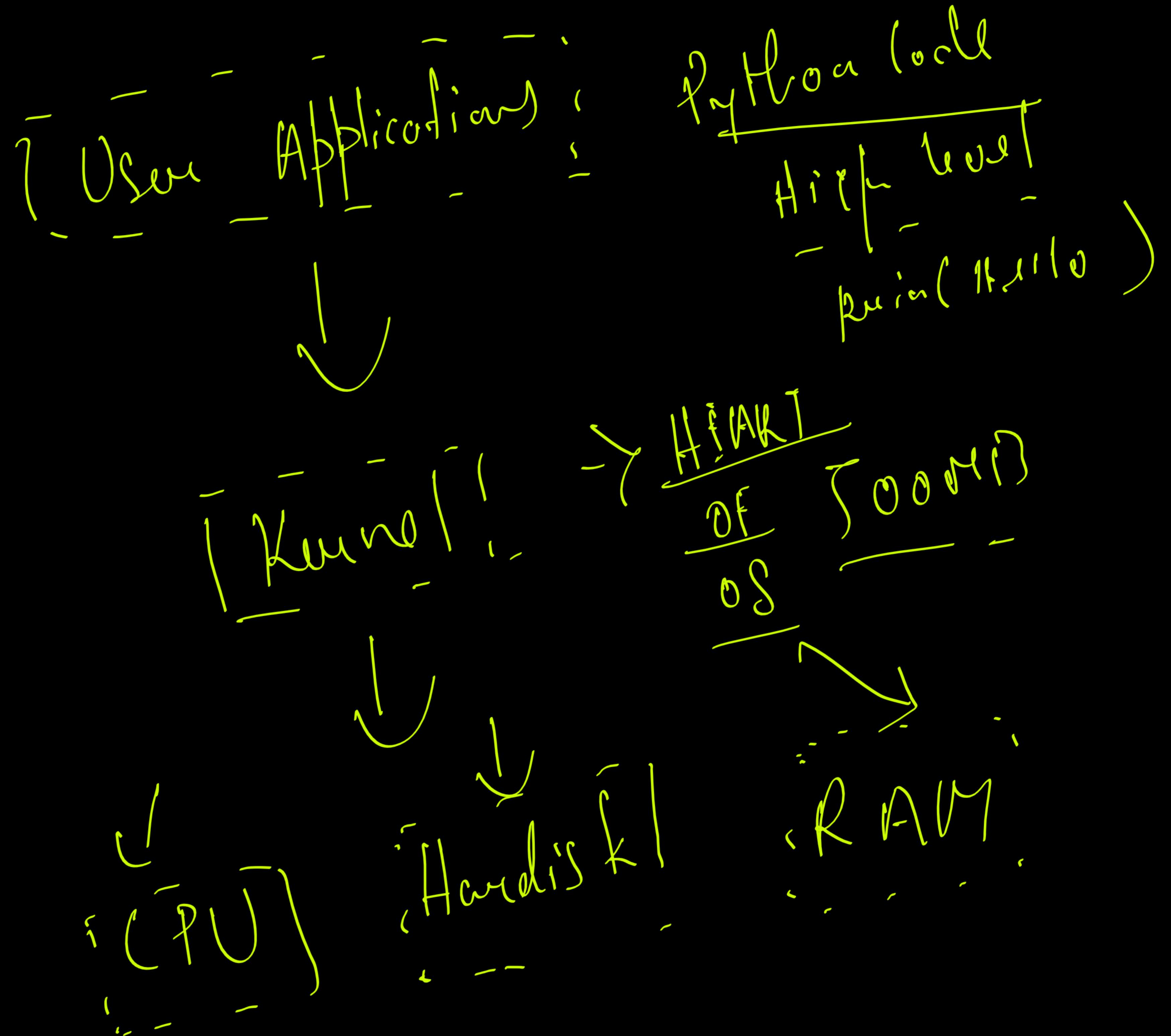
use  
Windows Programs

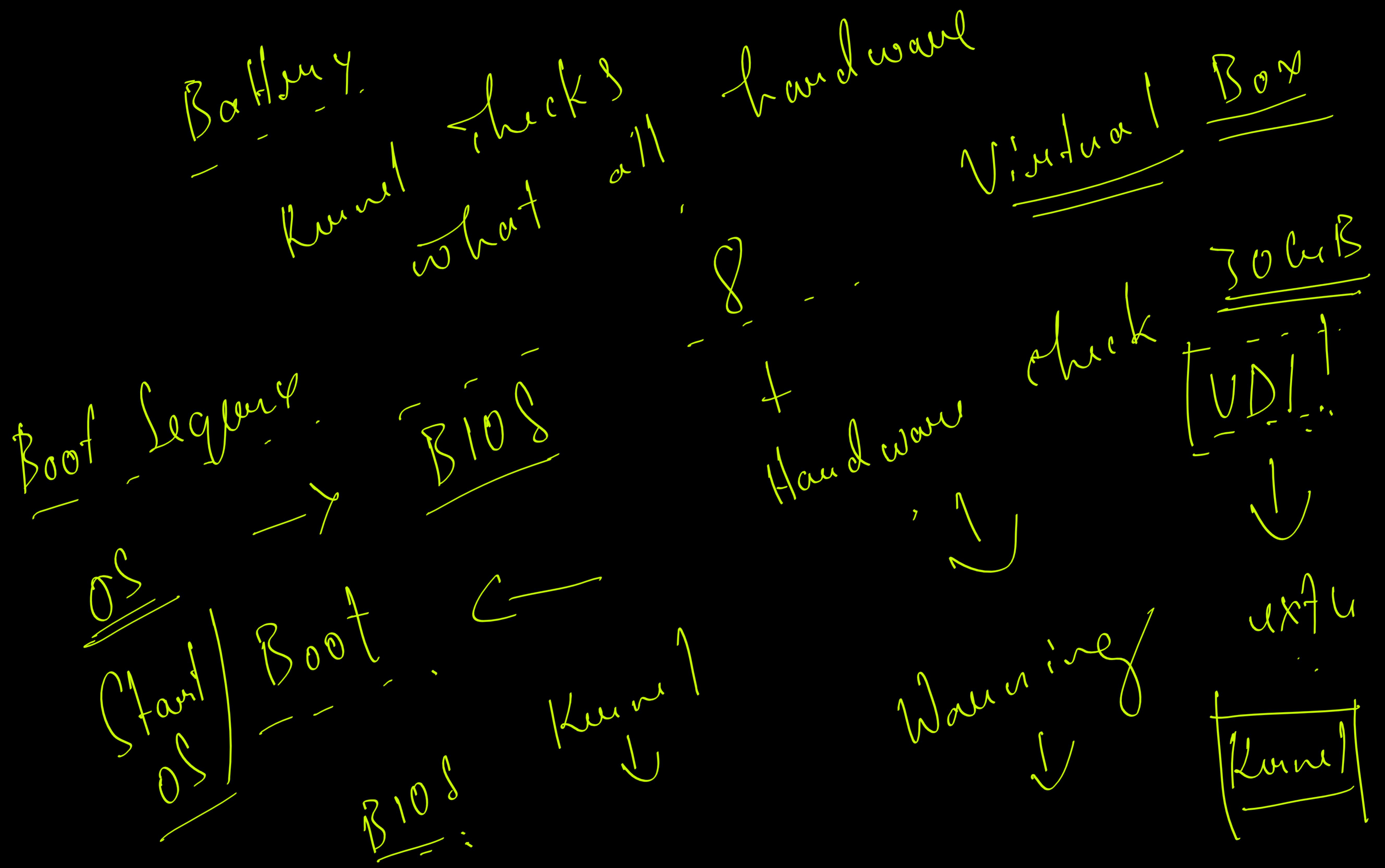


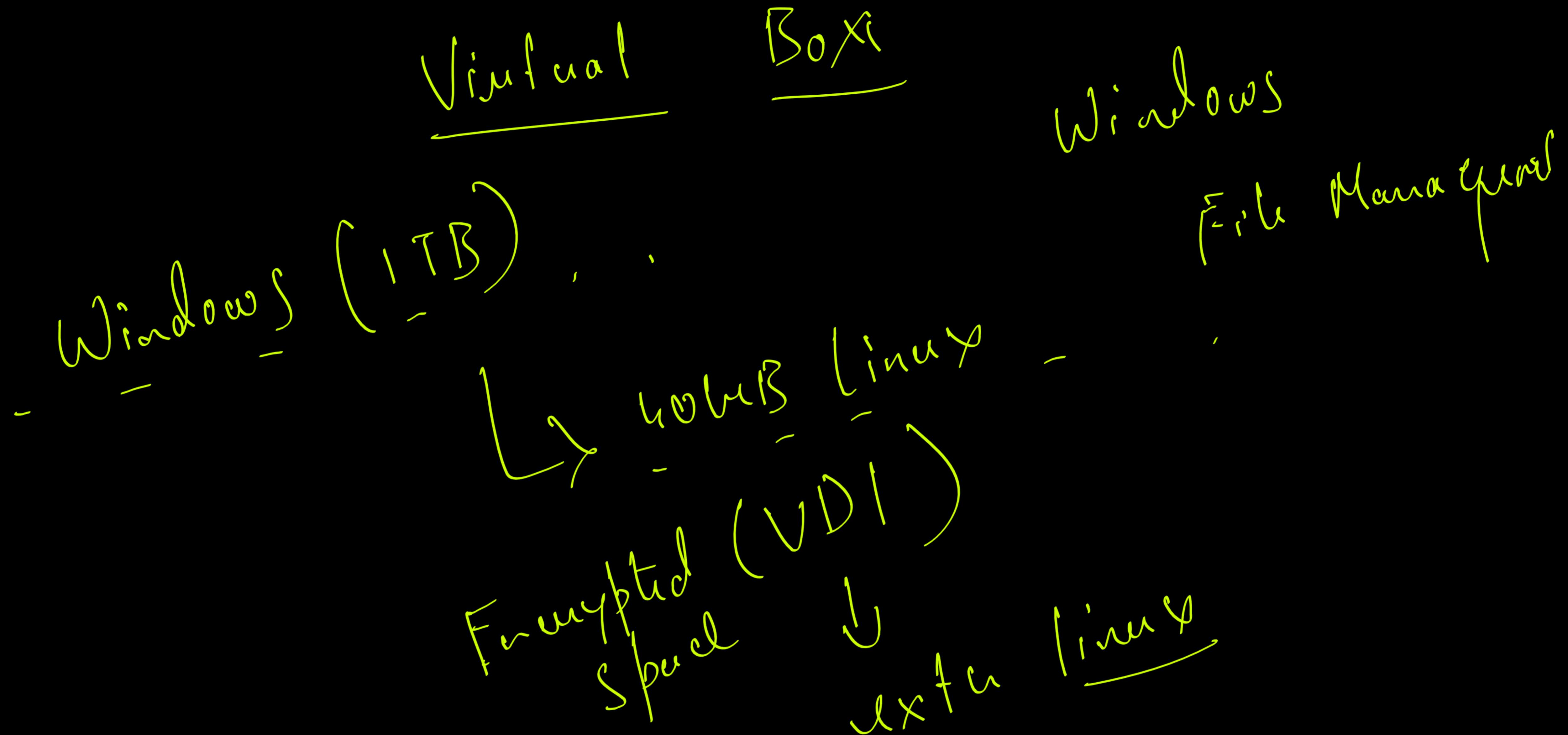
A simple system  
uses resources  
the details of the system  
low level code  
Binary  
Computer program  
and  
that allocates  
coordinates all  
internally.

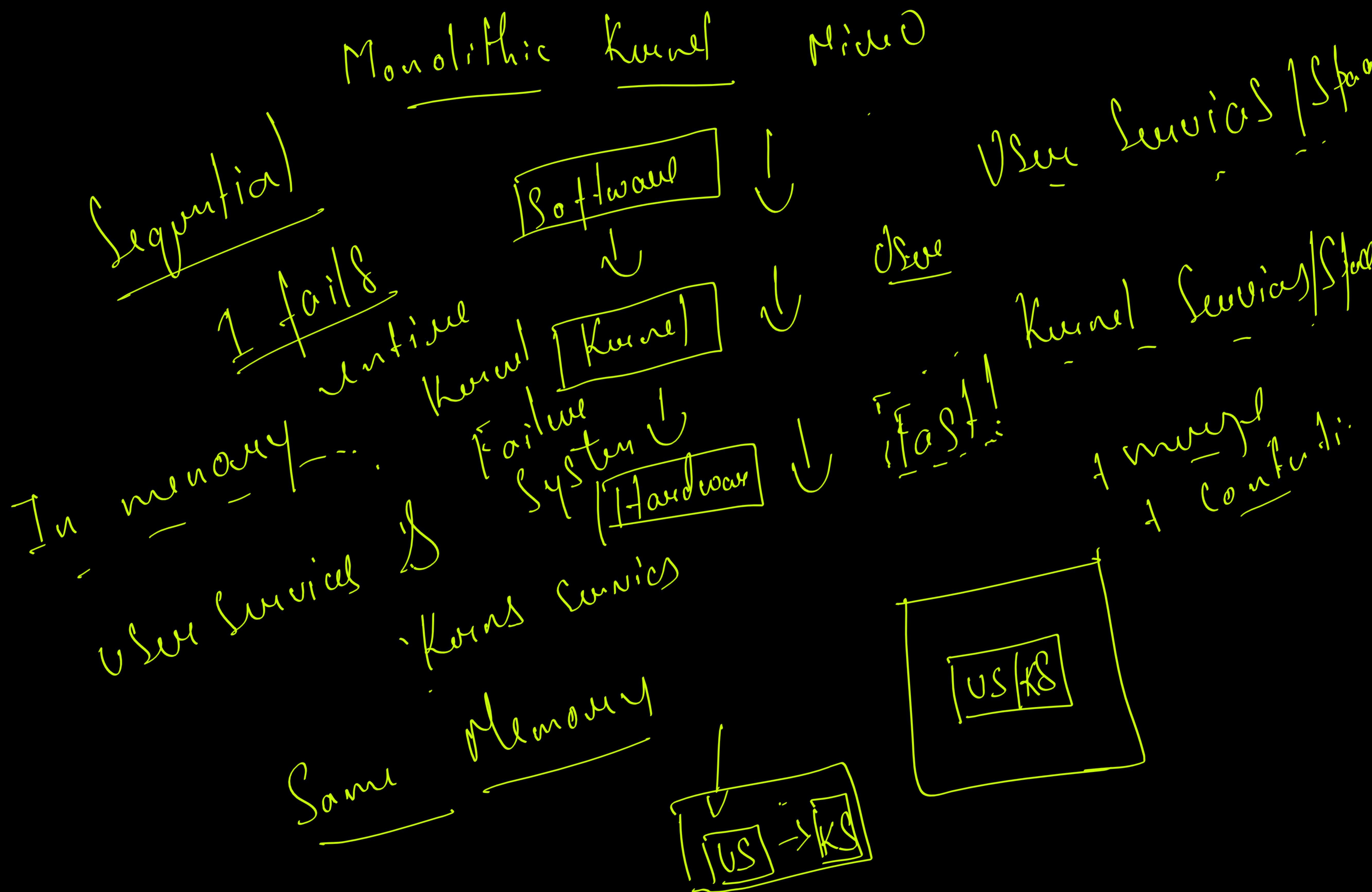
High level

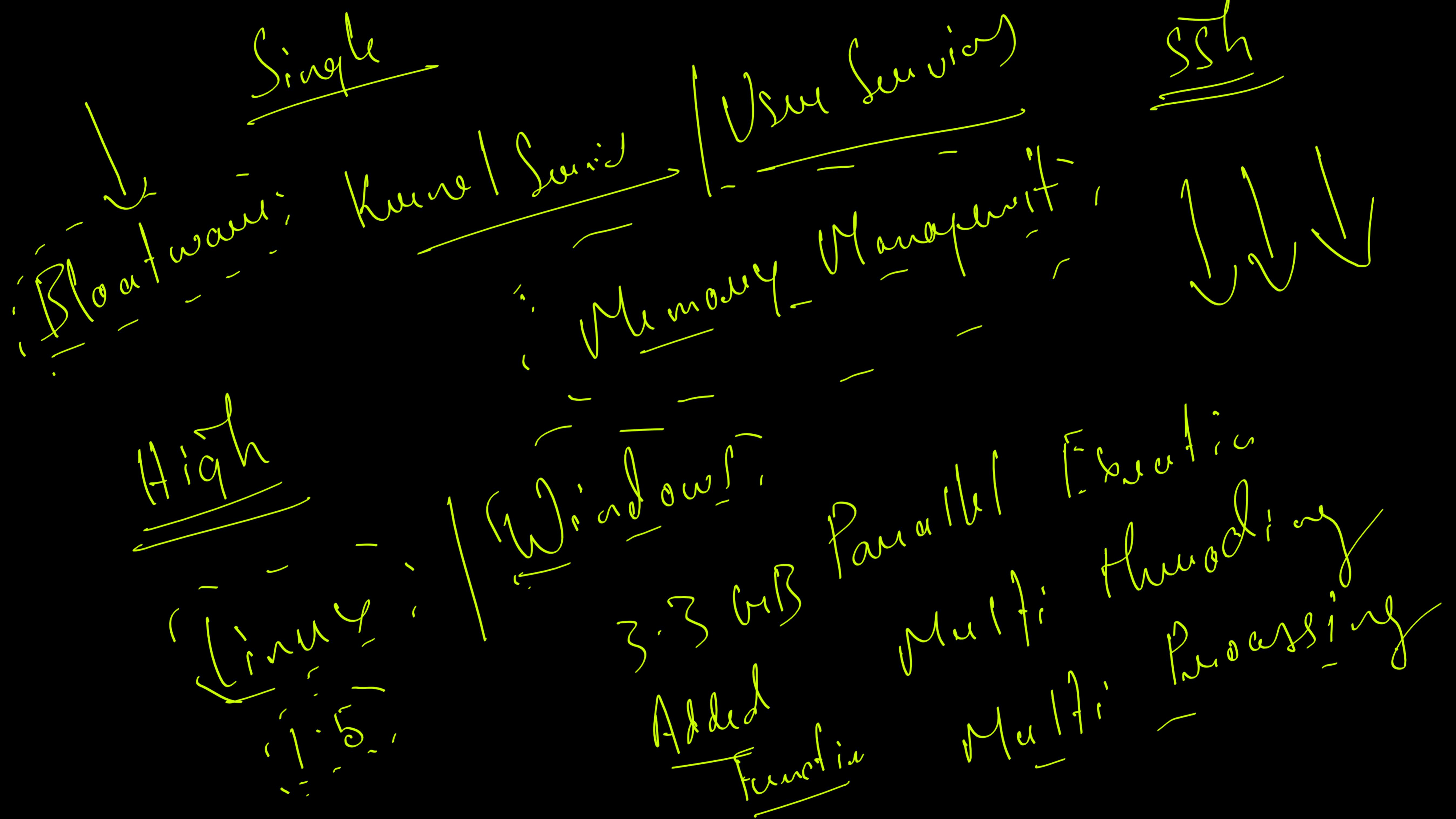
↓  
Machine language  
-00111

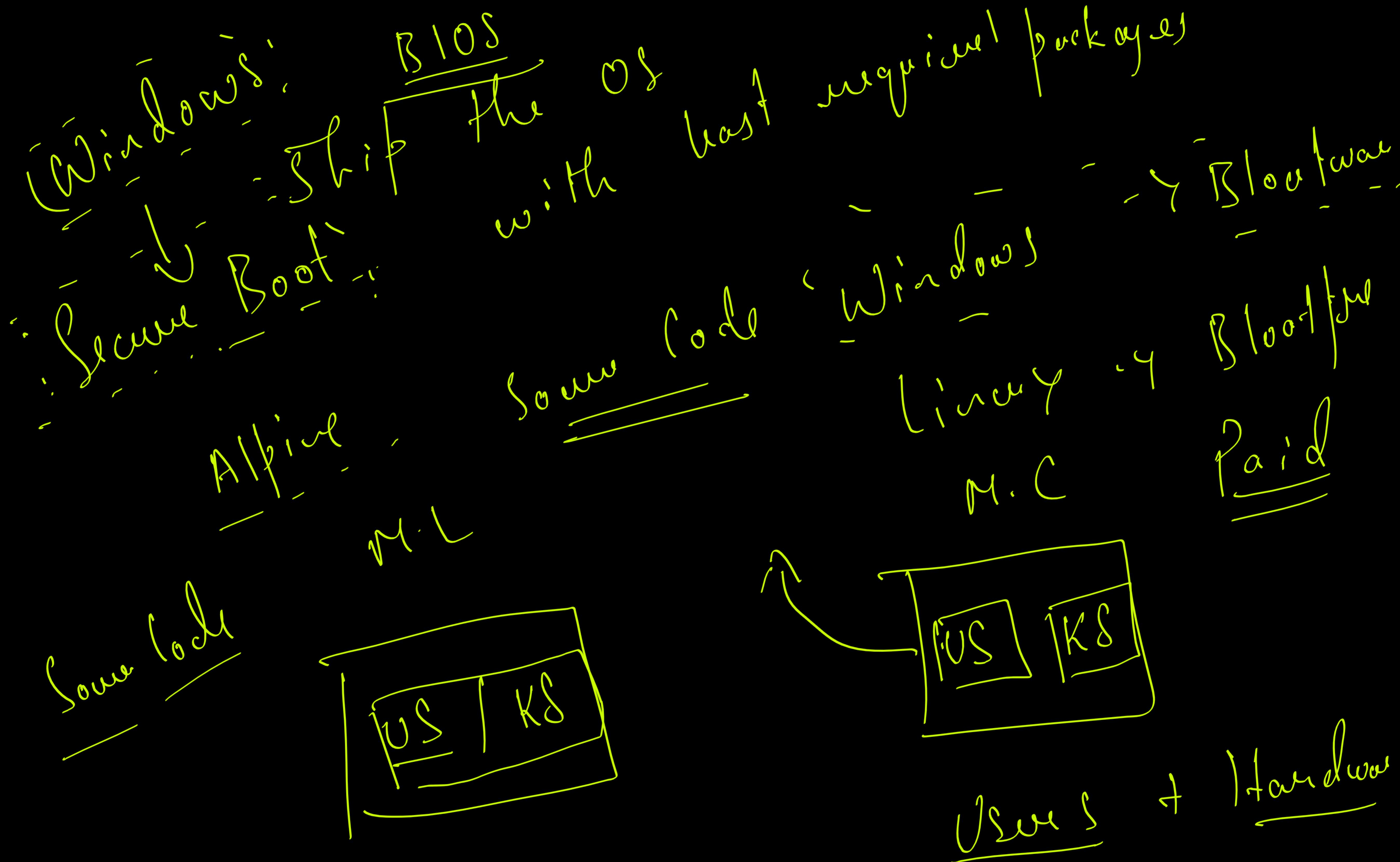












WPS

Line Y

Secure Boot Off

Safe Mode

Windows

Kernel (Web)

Functional

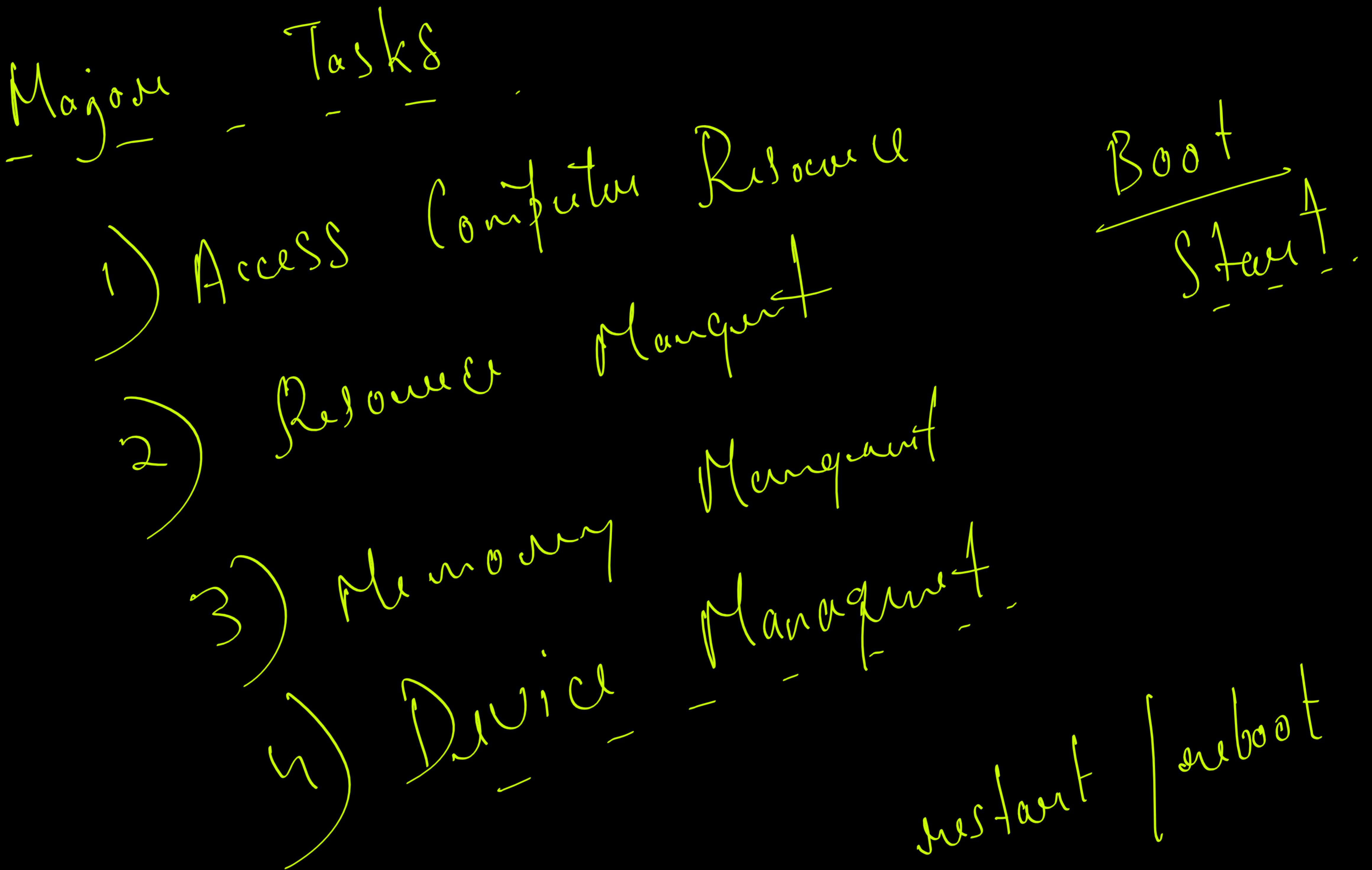
Secure ON

- 1) CPU Scheduling
- 2) Memory Scheduling
- 3) File Management

Major

Minor

{  
Hybrid



Mixed



Hybrid (Mon)

Mac

Hybrid

Free

| Paid

No.