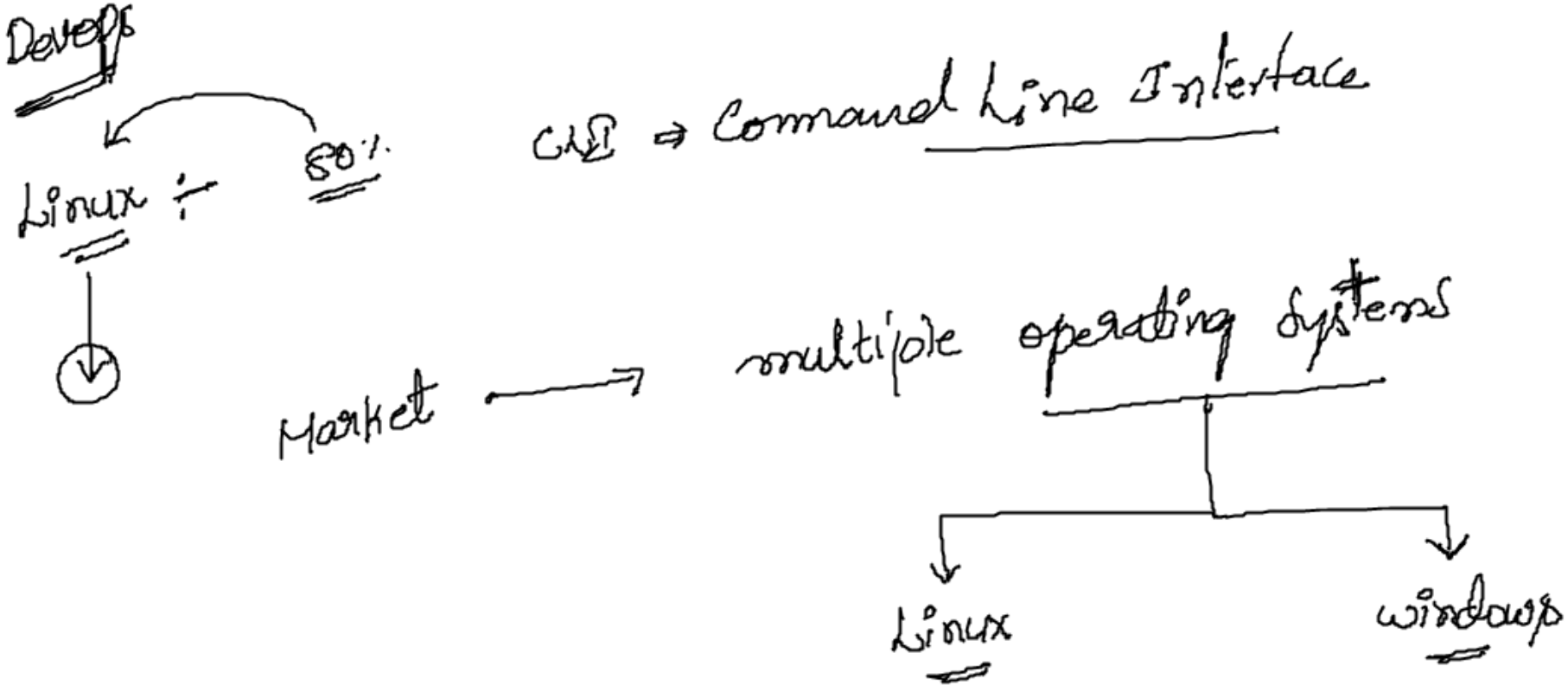
Linux


Devops
80%
Linux :
CLI ⇒ Comand Line Interface
Market
multiple operating systems
Linux
windows

Linux

kernelBased

unix.

opensource

Secure

fast

CLI

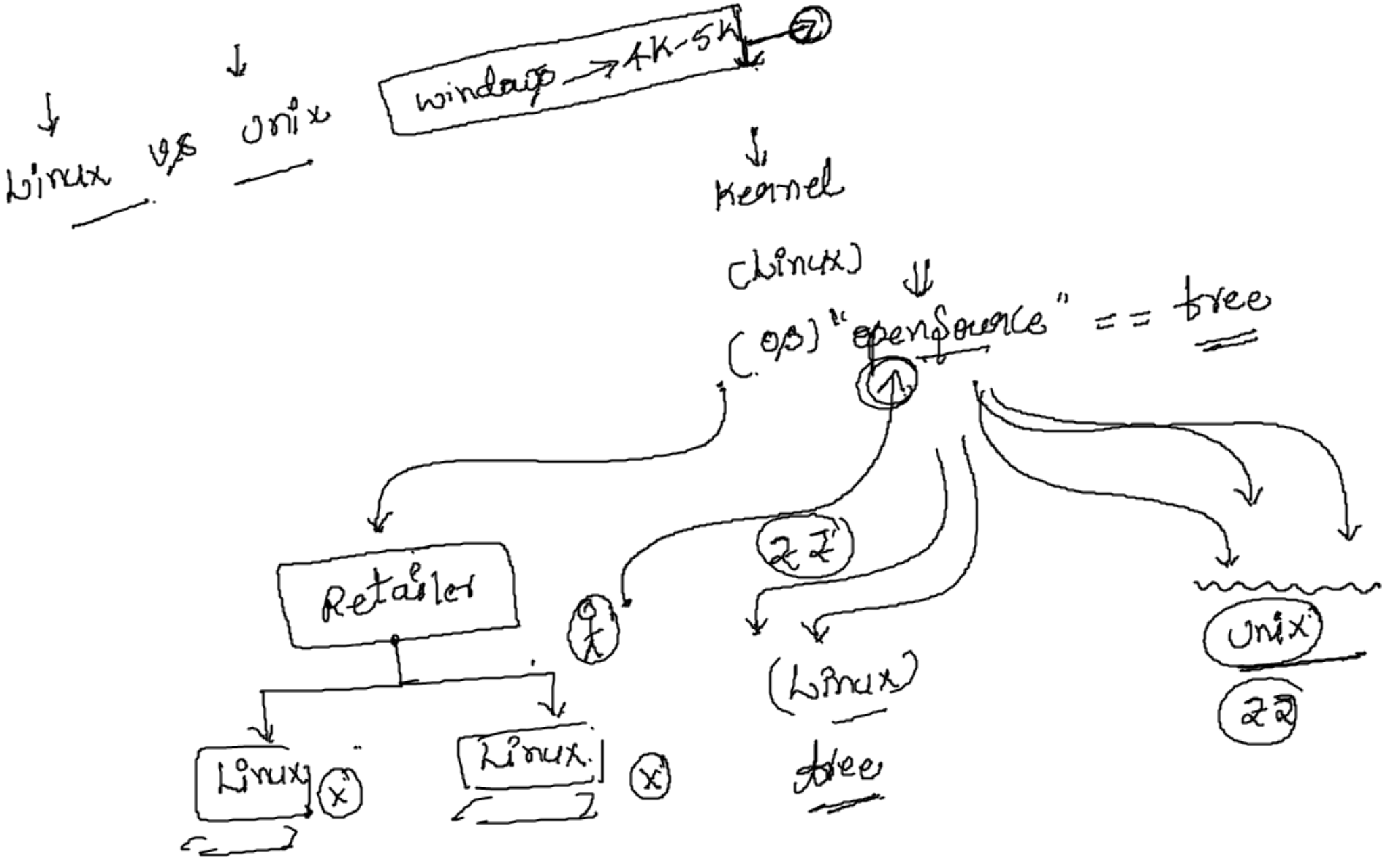
windows

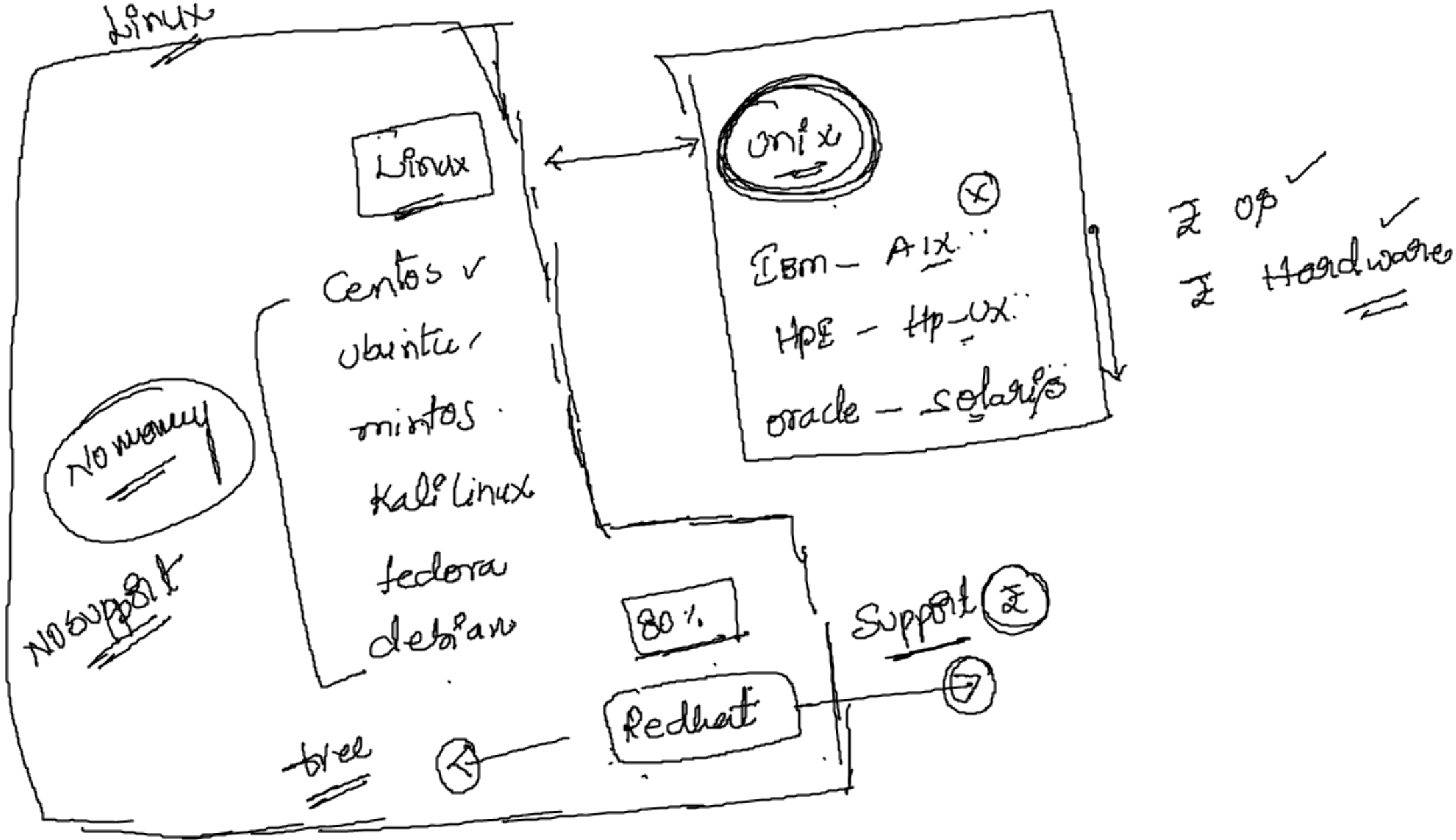
DOS.

userfriendly

paid

GUI


Linux vs Unix
windows → 4K-5K
Kernel
(Linux)
(OS) "opensource" == free
Retailer
Linux
Linux
(Linux)
free
Unix


Linux
Linux
Centos
ubuntu
mintos
Kali Linux
fedora
debian
Unix
IBM - AIX
HPE - Hp-UX
oracle - solaris
₹ OS
₹ Hardware
No money
No support
80%
Redhat
Support ₹
free

95%

Centos == Redhat == Amazonlinux

↑ our (Home basic purpose)

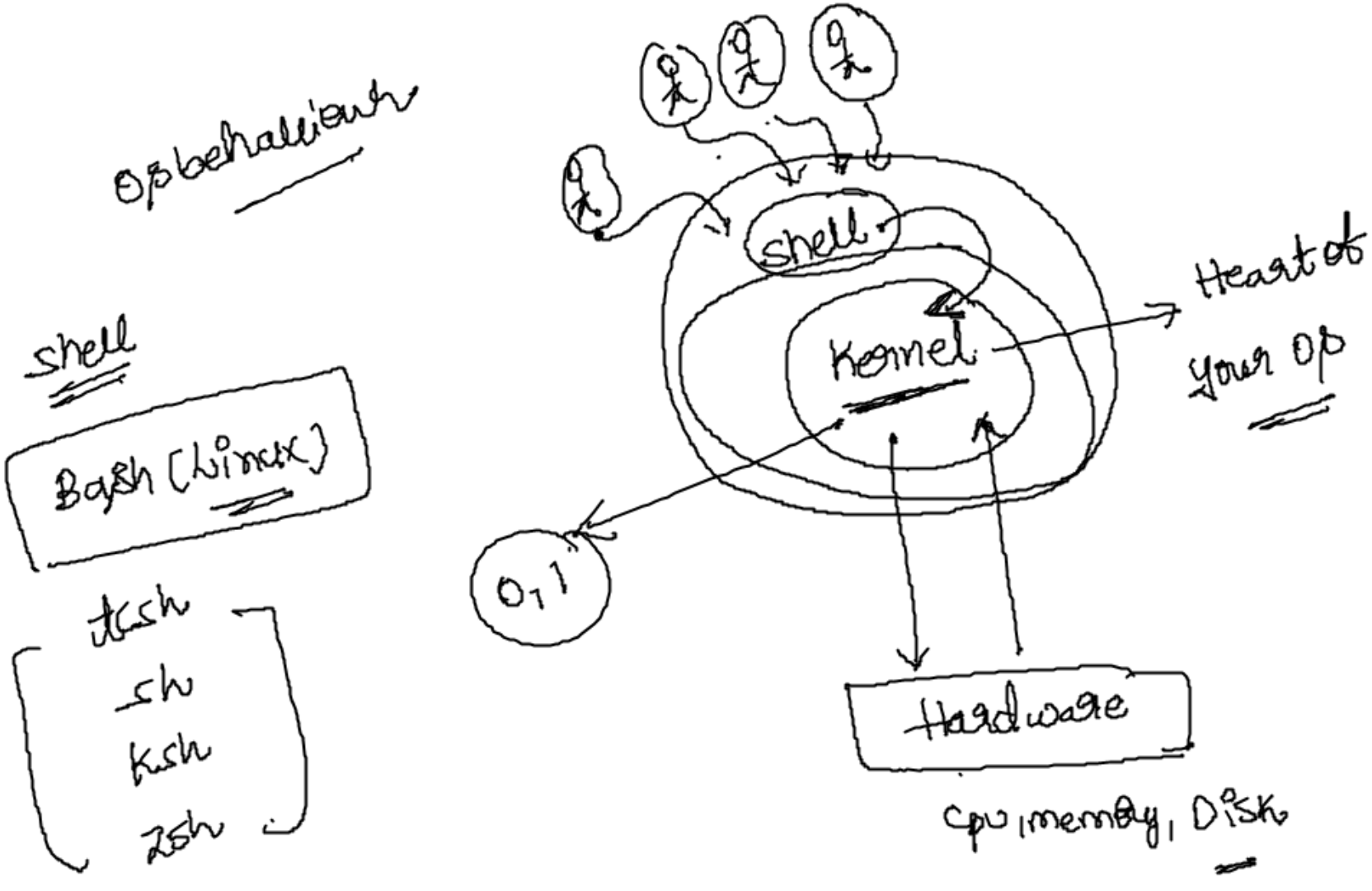
GUI (100%) won't use in companies

Linux → GUI (100%) won't use in companies

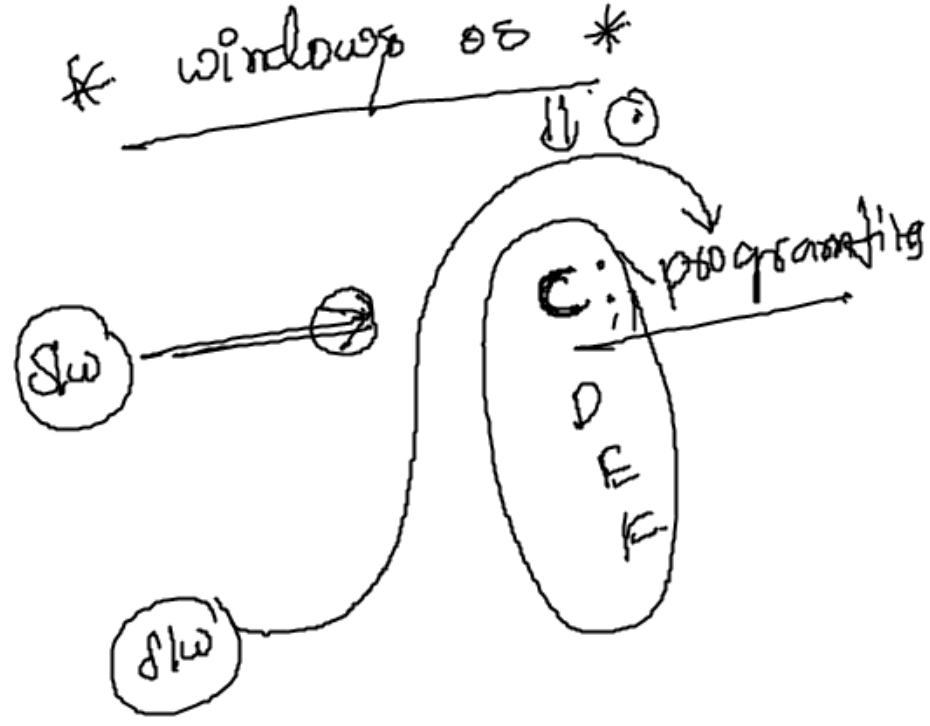
(fast) → CLI → only in companies/ organizations

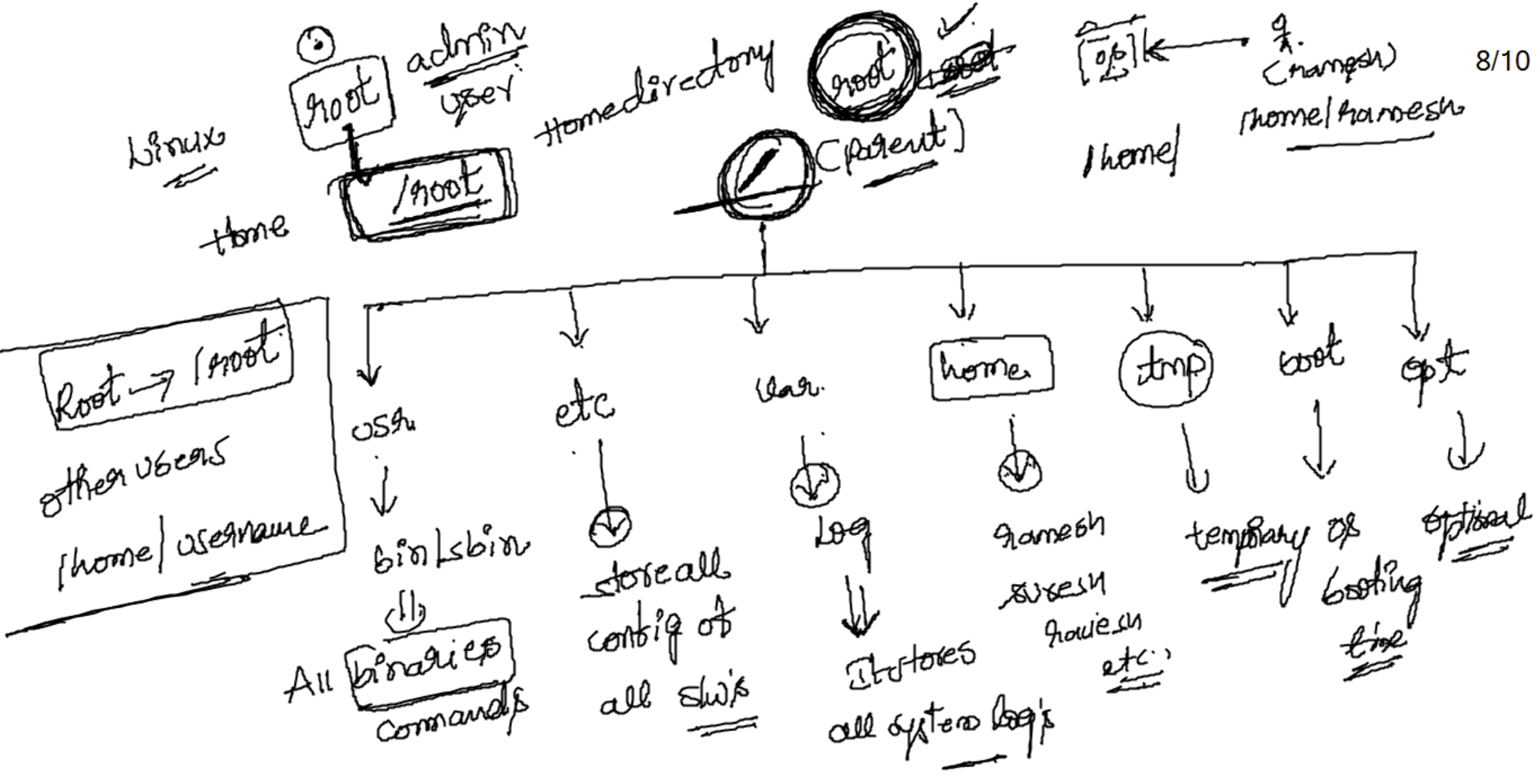
zsh

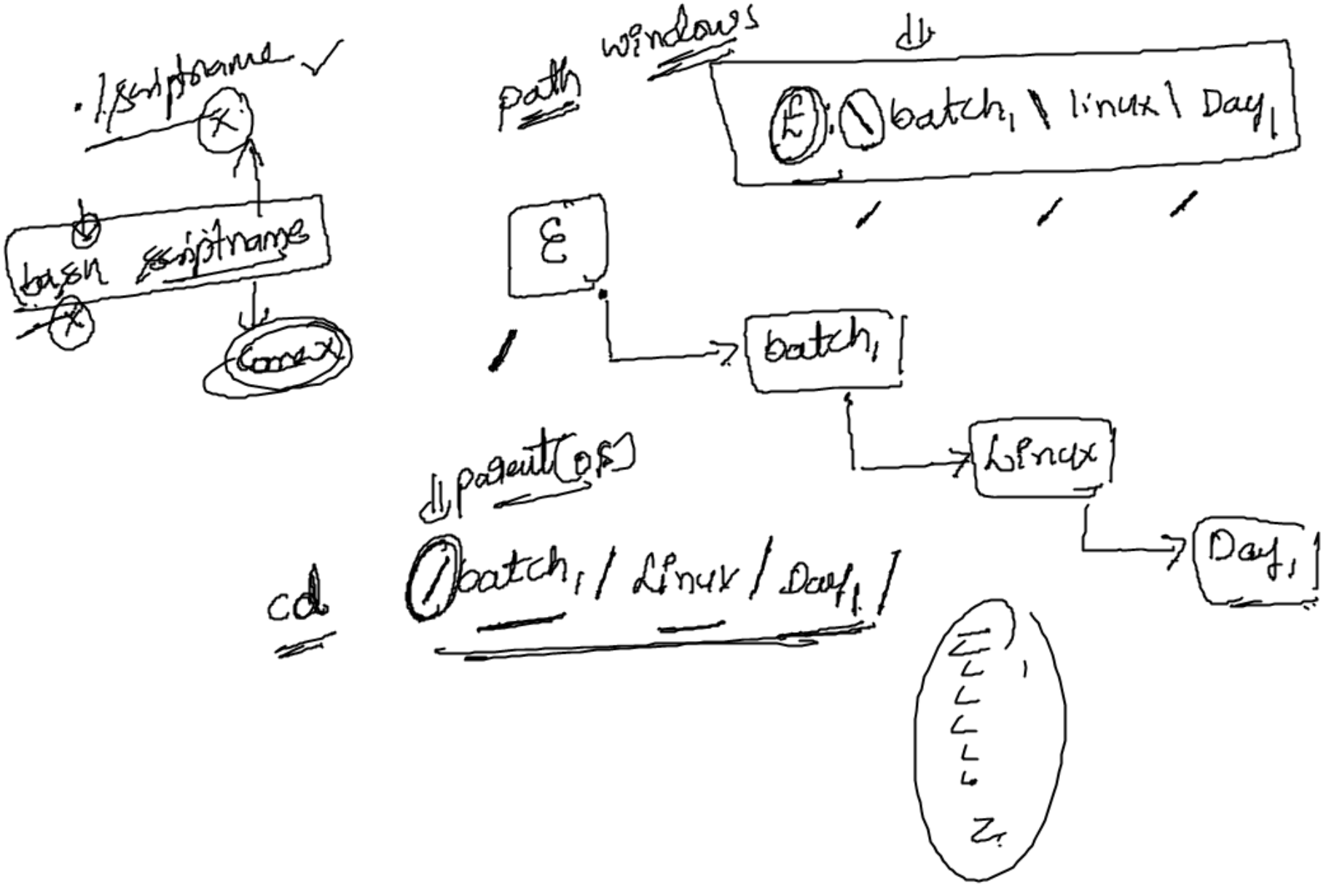
Bash


Opbehalfuser
shell
Bash (Linux)
tcsh
csh
ksh
zsh
shell
kernel
Heart of
your Op
O, I
Hardware
cpu, memory, Disk

Structure of OS




Linux
root
admin user
/root
Home
Homedirectory
root
(parent)
/
[os]
(ramesh)
/home/
/home/ramesh
Root → /root
other users
/home/username
usr
bin/sbin
All binaries commands
etc
store all config of all sw's
var
log
It stores all system log's
home
ramesh
suresh
raviesh
etc.
tmp
temporary
boot
os booting time
opt
optional


./scriptname
bash scriptname
Comex
path windows
E:\batch1\linux\Day1
E
batch1
Linux
Day1
parent(OS)
cd /batch1/Linux/Day1/

IoT
EC2
Linux