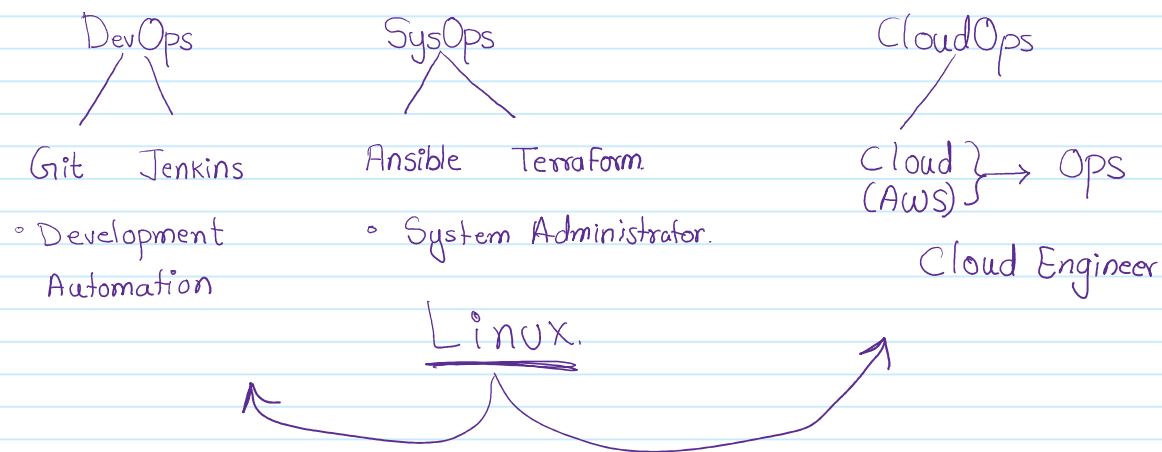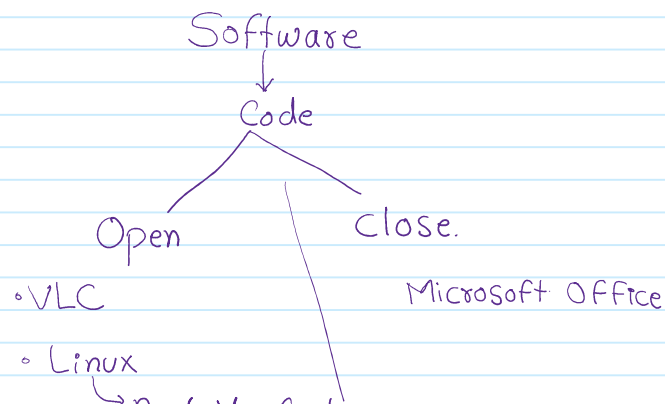# 003.19Feb. Linux Architecture & Commands

19 February 2023   11:02 PM
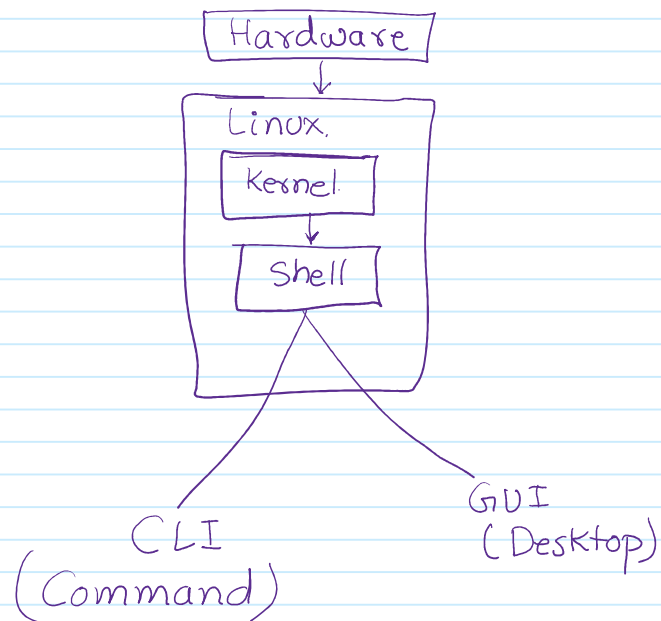
DevOps
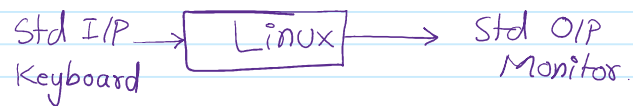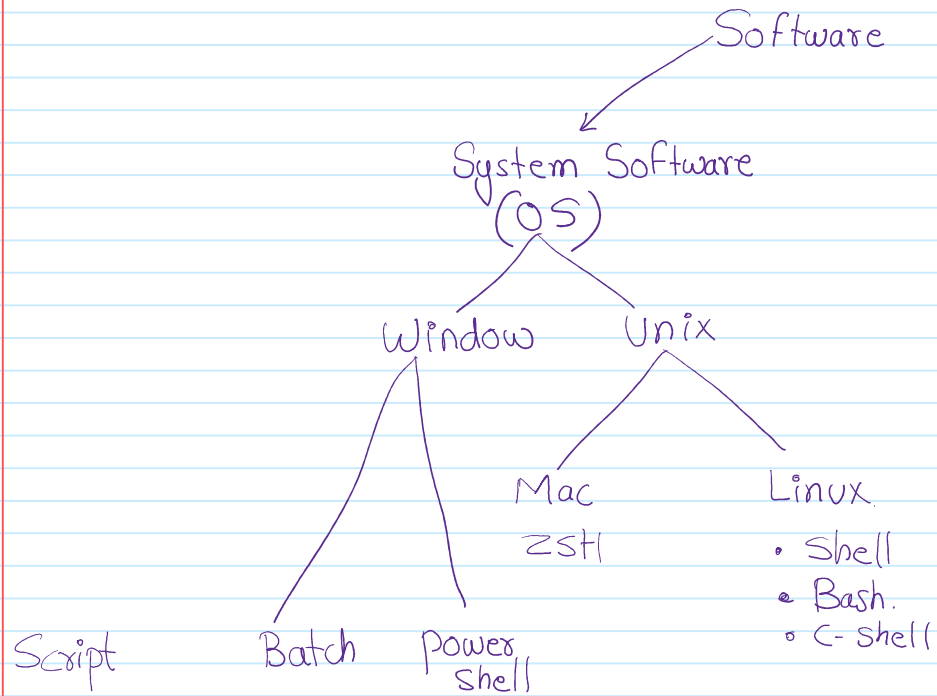Git   Jenkins
- Development
  Automation

SysOps
Ansible   TerraForm
- System Administrator.

CloudOps
Cloud }→ Ops
(AWS)
Cloud Engineer

Linux.

Linux
- Secure.
- Open Source. (No Lic.)
    Support → Pay. (optional)
    (Community Forum)

Software
↓
Code

Open   Close.
- VLC   Microsoft Office
- Linux

∘ Linux
   ↳ _Android_ → Google

Software
   ↓
System Software
   (OS)
   ╱   ╲
Window   Unix
  ╱   ╲   ╱   ╲
                Mac   Linux
                ZSH   ∘ Shell
                             ∘ Bash.
                             ∘ C-Shell

Script   Batch   Power
                     Shell

Std I/P → [Linux] → Std O/P
Keyboard   Monitor.

[Hardware]
      ↓
[Linux.
   [Kernel.]
        ↓
     [Shell]
      ╱   ╲   ]
  CLI   GUI
(Command)   (Desktop)

ls

ssh ⟶ Command

↓

GUI
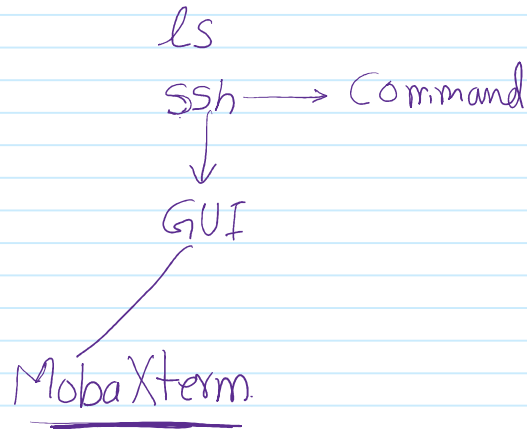
MobaXterm

✓ • IP/Host Name.

✓ • UserName

• Authentication

Key   Password.

file

✓ 1] Download PEM File.

Windows = 2] Install MobaXterm Software.

Mac ⟵ { 2] chmod 400 mujahed.pem.

3] SSH

IP/Host	3.83.153.148
User Name	ubuntu
Key	mujahed.pem
Session Name	DockerServer

Cmd $\longrightarrow$ Labs.Playwithdocker.com $\longrightarrow$ Install Linux

✓ Notepad   Docker Desktop