Jo requirement windows pr kiye hai, In dono application ko hi linux pr dalna hai..
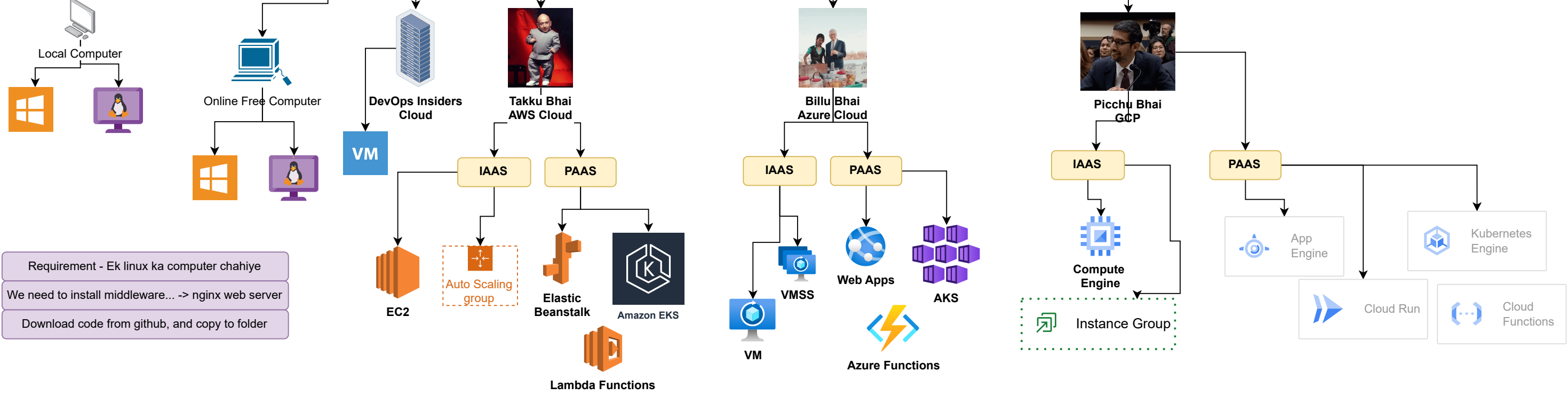
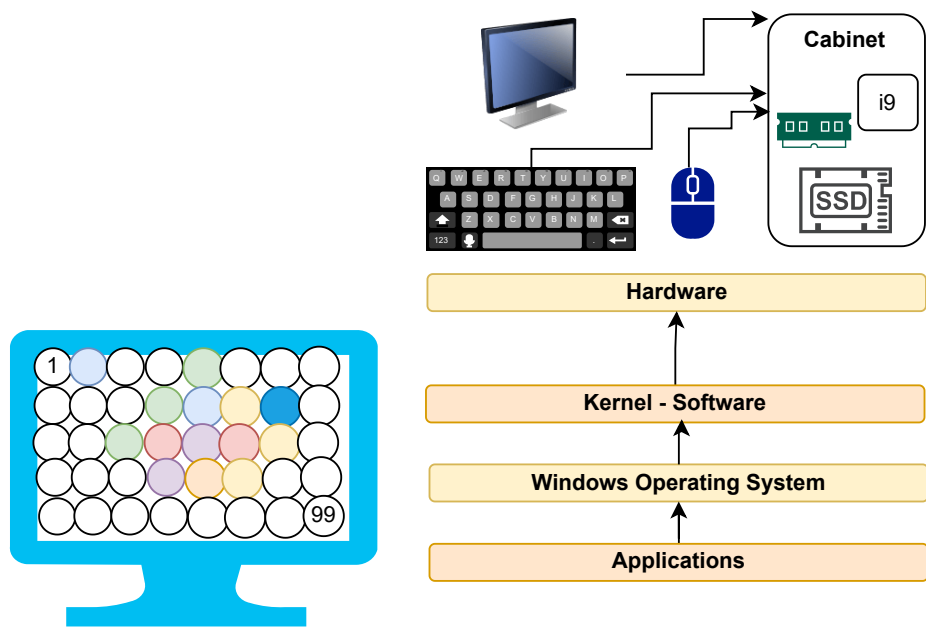**Apna windows computer**

Netflix
ChatBot
Kaha Kaha chala sakte hai?

IAAS = Infrastructure as a Service
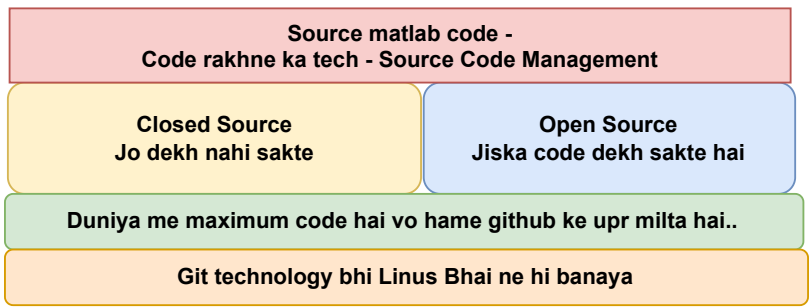
PAAS = Platform as a Service

Local Computer

Online Free Computer

DevOps Insiders Cloud

VM

Takku Bhai AWS Cloud

IAAS

PAAS

Billu Bhai Azure Cloud

IAAS

PAAS

Picchu Bhai GCP

IAAS

PAAS

Compute Engine

App Engine

Kubernetes Engine

Cloud Run

Cloud Functions

Instance Group

EC2

Auto Scaling group

Elastic Beanstalk

Amazon EKS

Lambda Functions
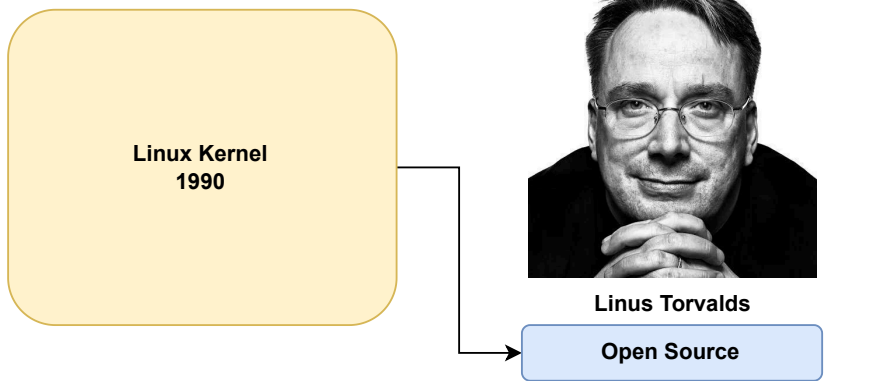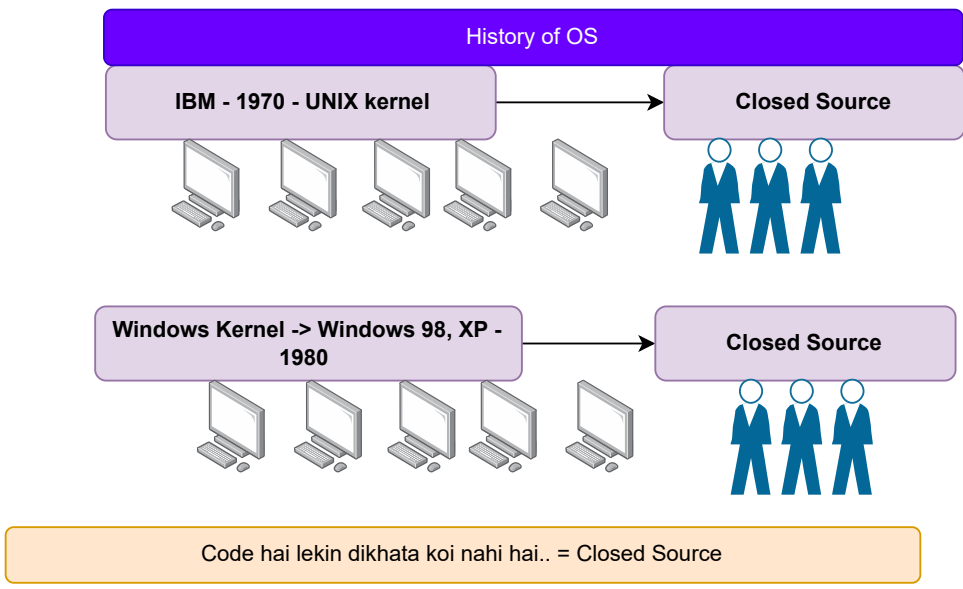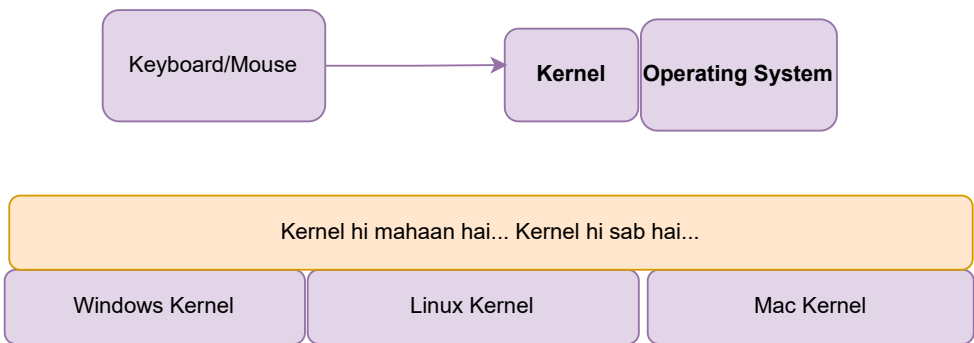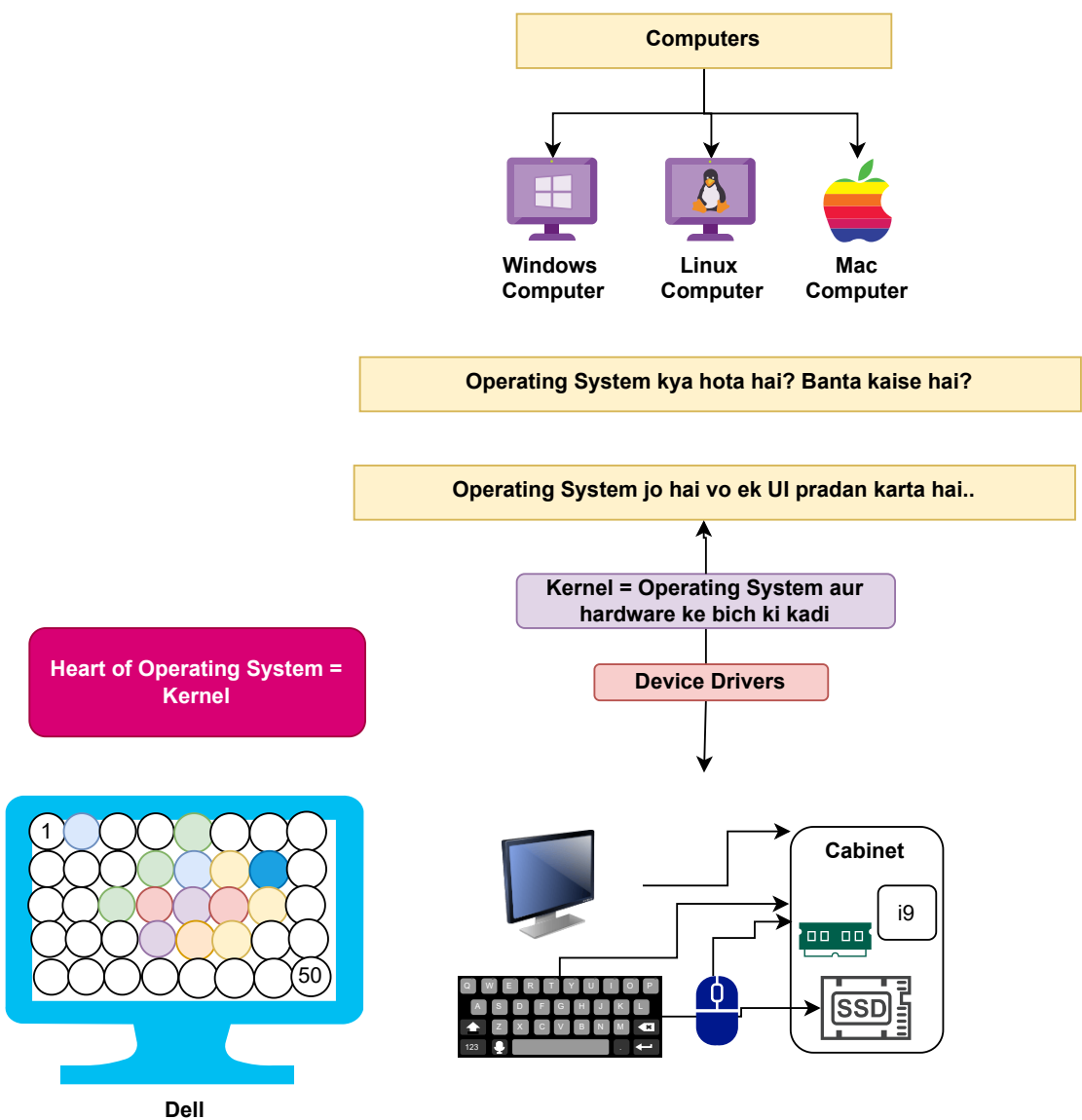
VMSS

VM

Web Apps

AKS

Azure Functions

Requirement - Ek linux ka computer chahiye

We need to install middleware... -> nginx web server

Download code from github, and copy to folder

Zero Tolerance for Negative Tatva..

Cabinet
i9
SSD

Hardware

Kernel - Software

Windows Operating System

Applications

1
99

Computer ek electronic machine hai jo input leta hai keyboard mouse se, process karta hai using processor and output karta hai using monitor.

Computer = Hardware(jo dikhe aur touch kar pao) + Software(Programs ya Apps)

Computers

Windows Computer

Linux Computer

Mac Computer

Operating System kya hota hai? Banta kaise hai?

Operating System jo hai vo ek UI pradan karta hai..

Kernel = Operating System aur hardware ke bich ki kadi

Device Drivers

Heart of Operating System = Kernel

1
50

Cabinet
i9
SSD

Dell

Keyboard/Mouse

Kernel Operating System

Kernel hi mahaan hai... Kernel hi sab hai...

Windows Kernel

Linux Kernel

Mac Kernel

History of OS

IBM - 1970 - UNIX kernel

Closed Source

Windows Kernel -> Windows 98, XP - 1980

Closed Source

Code hai lekin dikhata koi nahi hai.. = Closed Source

Linux Kernel 1990

Linus Torvalds

Open Source

Source matlab code -
Code rakhne ka tech - Source Code Management

**Closed Source
Jo dekh nahi sakte**

**Open Source
Jiska code dekh sakte hai**

Duniya me maximum code hai vo hame github ke upr milta hai..

Git technology bhi Linus Bhai ne hi banaya

Closed source ko to microsoft sambhalta hai?
Open Source ko kaun sambhalta hai?

Recap

Linux is a kernel

Jab is kernel ke saath tool jud jate hai tab operating system ban jata hai

Kernel + GUI + System Software = Linux Operating System

Home Work - Deewana kyu hai duniya opensource ki?