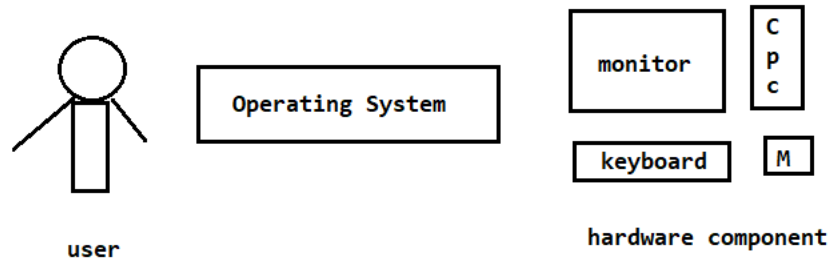


Operating System

-> Operating System (OS) is a software that acts as an interface between Computer hardware components and user



-> Every computer must have atleast one operating system to run other

-> Operating System providing platform/environment to run our applicat

Ex: Browsers, Notepad, Ms Paint, Calculator etc...

-> Operating Systems helping us to communicate computer without knowin to speak computer language.

Note: We can't use a computer without having operating system

History OS

Operating Systems developed in 1950's

General Motoros research lab implemented the first OS in the early 1950 for their IBM 701

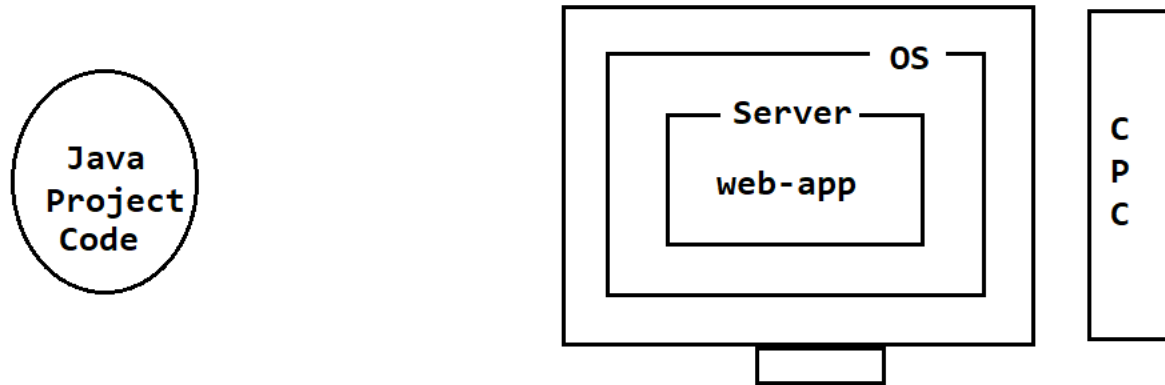
In the Mid of 1960's, operating systems started using disks

In the late 1960's, the version of UNIX operating system developed

The first OS developed by Microsoft is MS DOS (1981)

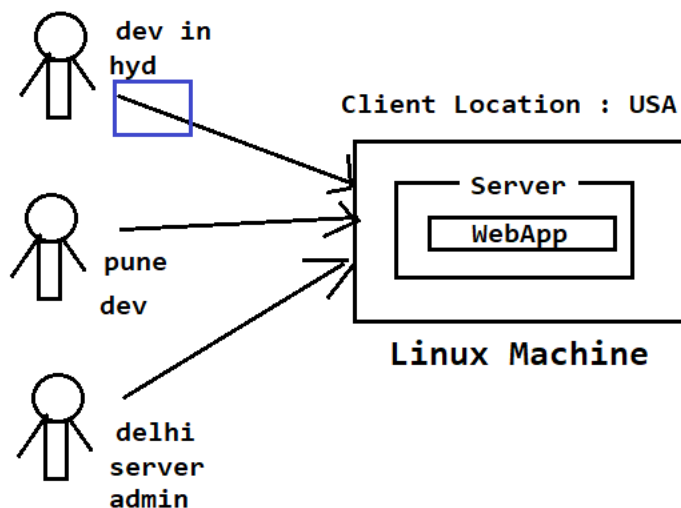
In 1985 Operating System released with GUI (Graphical User interfac

- > We are using Windows Operating System in our computers/laptops
- > Windows OS is recommended for personal use
- > Windows is Single User based operating system
- > Windows is commercial software



=> In realtime environment, we will use LINUX OS to run our applicat

- > Linux is Free & Open Source
- > Linux is Multi User Based Operating System
- > Linux is highly Secured Operating System



=> Multiple users can connect to linux machine at a time thats why it is called Multi User Based Operating System

- => Cloud Engineers will setup Linux Machines in Cloud (infrastructure)
- => DevOps engineers will deploy our applications in the servers which are in Linux OS
- => Developers will connect to Linux machine to check server/application lo

