(I.) Virtual Machine
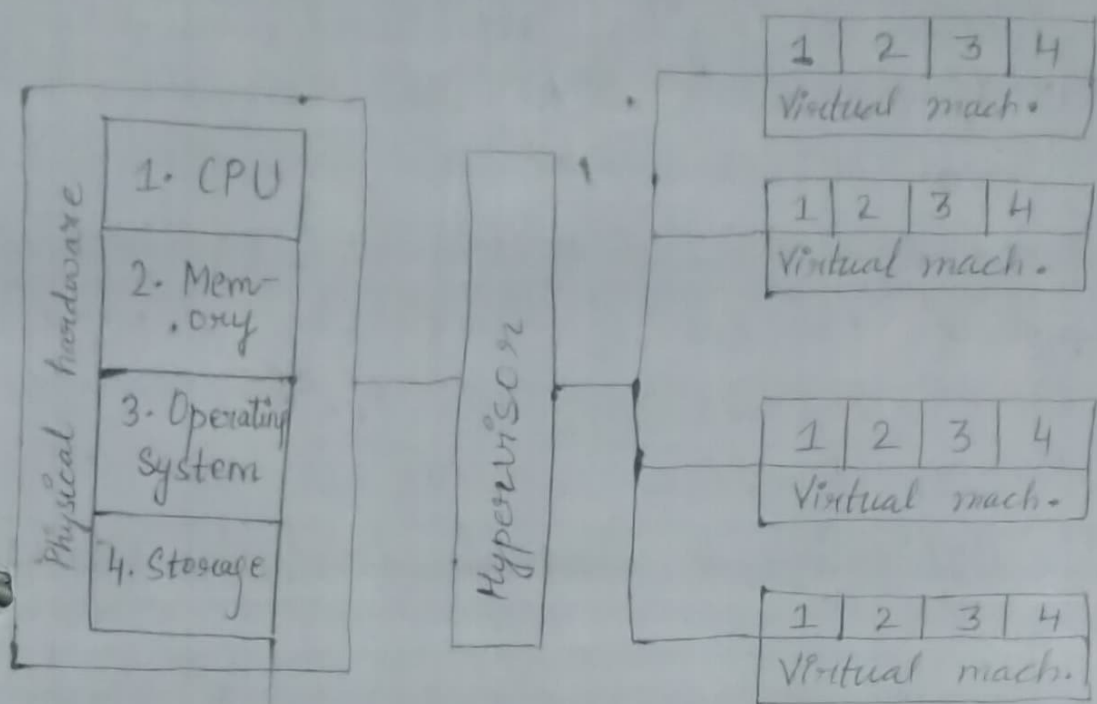

* It adds software to the existing physical mach. to provide a new appearance of multiple platforms on a diff. platforms.

* It's kind of comp. app. which creates a virtual env. & the process is known as virtualization. Virtual mach. are designed to work like physical mach. & carry out every operation that the physical machines can, without actually representing a physical machine

(II.) Virtual Machine Monitor / Hypervisor / Virtual Machine Manager :

It is a host prog. which enables a single comp. to support identical execution environment.

ven though all the users are served by the same machine, every user is able to view their systems as if they are isolated from the rest of the users. In other words, it can also be considered as firewall b/w VMs & the host OS. It avoids the execution of any program in one of the existing VMs from accessing & using the resources of the host OS. Virtual Machine monitor is also called Hypervisor & Virtual machine manager.