

LINUX

>> **Software:** set of programs/instructions which are used to perform a specific task.

i. Application Software

- > Type of software which performs the task only by taking the user instructions.
- > eg: Whatsapp, Instagram, etc.

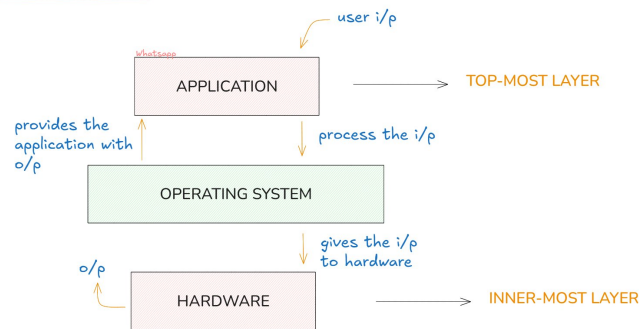
ii. System Software

- > Type of software which is used to manages all resources of a system.
- > eg: Operating System, Antivirus, Disk Drivers, BIOS , etc.

Operating System

- >> A system software.
- >> It manages all the resources of a computing device.
- >> Acts an interface between the hardware and the software components.

ARCHITECTURE OF OS:



FUNCTIONALITIES OF OS:

1. Process Management
2. Memory Management
3. File Management
4. Storage Management
5. Device Management
6. Security Management

LINUX

- >> An Operating System.
- >> It is a free to use & an open-source OS.
- >> Manages all the hardware & the software components of a system.
- >> managed by community pf people.

HISTORY OF LINUX

1. 1969: Unix OS was developed by AT&T Labs (Dennis Ritchie & Ken Thompson), but it was licensed product & had too many versions.
2. 1983: Richard Stallman developed a project called as GNU (GNU's Not Unix).
3. 1991: Linus Torvalds developed a kernel-based OS called as 'Freax'
↓
'Linux'
4. 1992: 1st version of Linux was introduced.