

## 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.

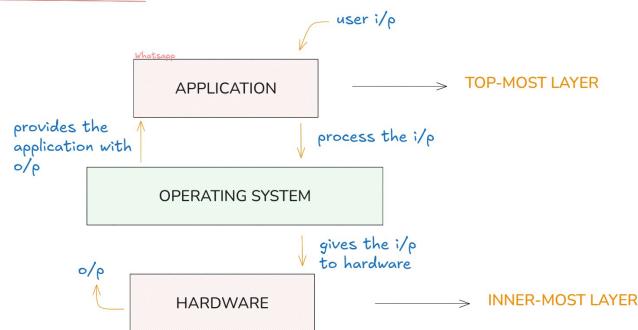
ii. System Software

- > 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 as 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 'Freak'  
↓  
'Linux'
4. 1992: 1st version of Linux was introduced.