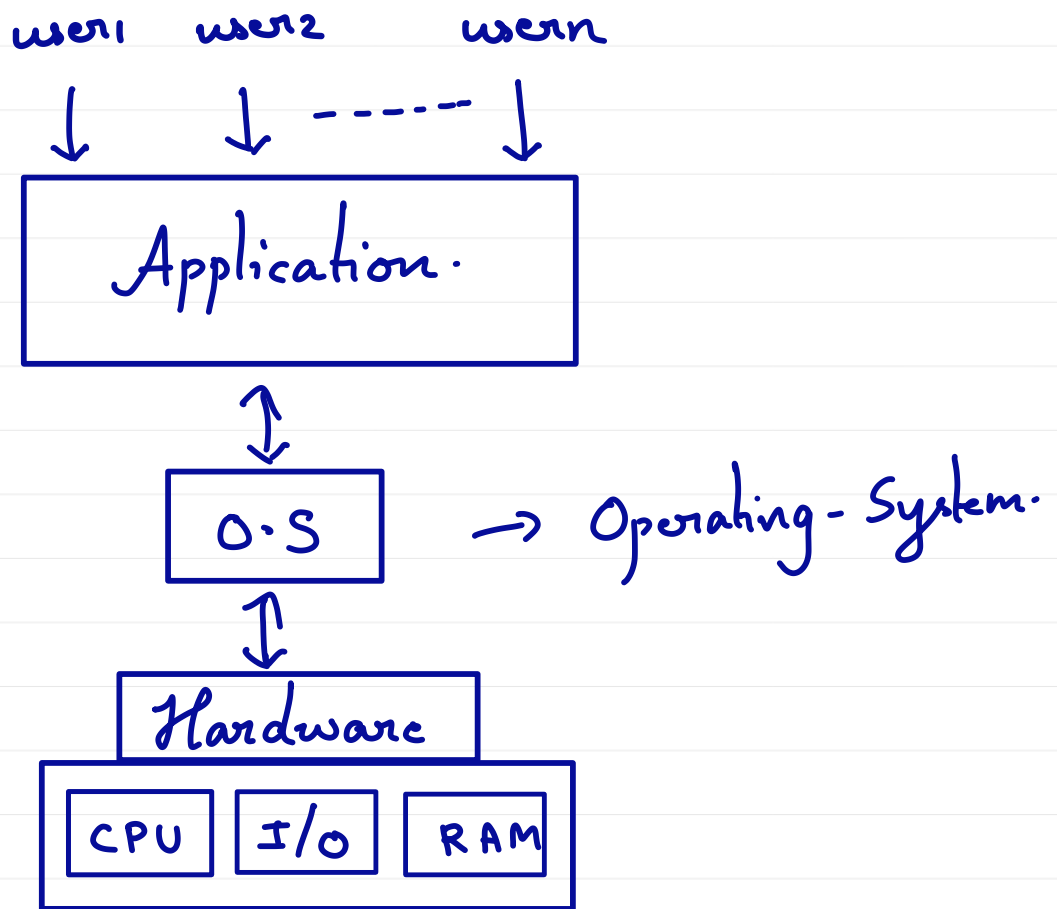


O.S.

⇒ Operating - System:-

OS:- Interface b/w user and H/w.



O.S Concepts:-

- Resource Allocator (allocate CPU, Memory printers, e.t.c)
- Resource - manager (Manages & tracks resources allocated)
- Storage Mngmt, Memory Mngmt (RAM)
- Process Manager → (C.P.U Scheduling)

→ Throughput:- No of processes completed per unit time.

O.S → good (Throughput ↑)
↓
Eg:- Linux

Goals of OS:-

Primary goal : Convenience

Secondary goal : Efficiency (Throughput)

O.S - Functionality:-

- 1) Resource - Management
- 2) Process - Management (CPU - Scheduling)
- 3) Storage - Management (Hard-disk) → file systems
- 4) Memory - Management (RAM)
- 5) Privacy & Security (Kerberos Algorithm).

