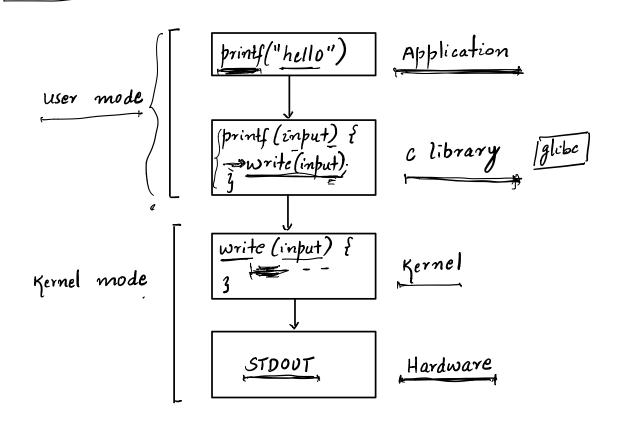
SYSTEM CALLS IN OPERATING SYSTEM

- User applications cannot directly communicate with the hardware devices.
- Then, how will an application write to a file that is stored on the disk(hardware)?
- User applications can take help of the system calls and communicate with the hardware devices.
- Operating system acts as an interface between user programs and hardware devices.
- The interface that an operating system provides to user applications is system call interface.



API AND SYSTEM CALLS

- Application programming interface
- 950r+ (--)
- Set of functions exposed by any library printf
- System calls are also functions exposed by C library
- So, system calls also is an API
- API system call write ()
 ✓
- API uses system calls printf()
- API doesn't uses system calls strlen()

-> write ()

Printfc) 4

Examples of system calls

- write(),read(),open(),close() file manfulchion
- of fork(), execve(), exit(), wait4() froum marge
- Societ /network programme,
- 🕠 mkdir(), chown(), chmod() 🔝 რსი

Os Syste calls