

## CS & IT





## ENGINEERING

Operating Systems

Introduction & Background

Lecture No. 2

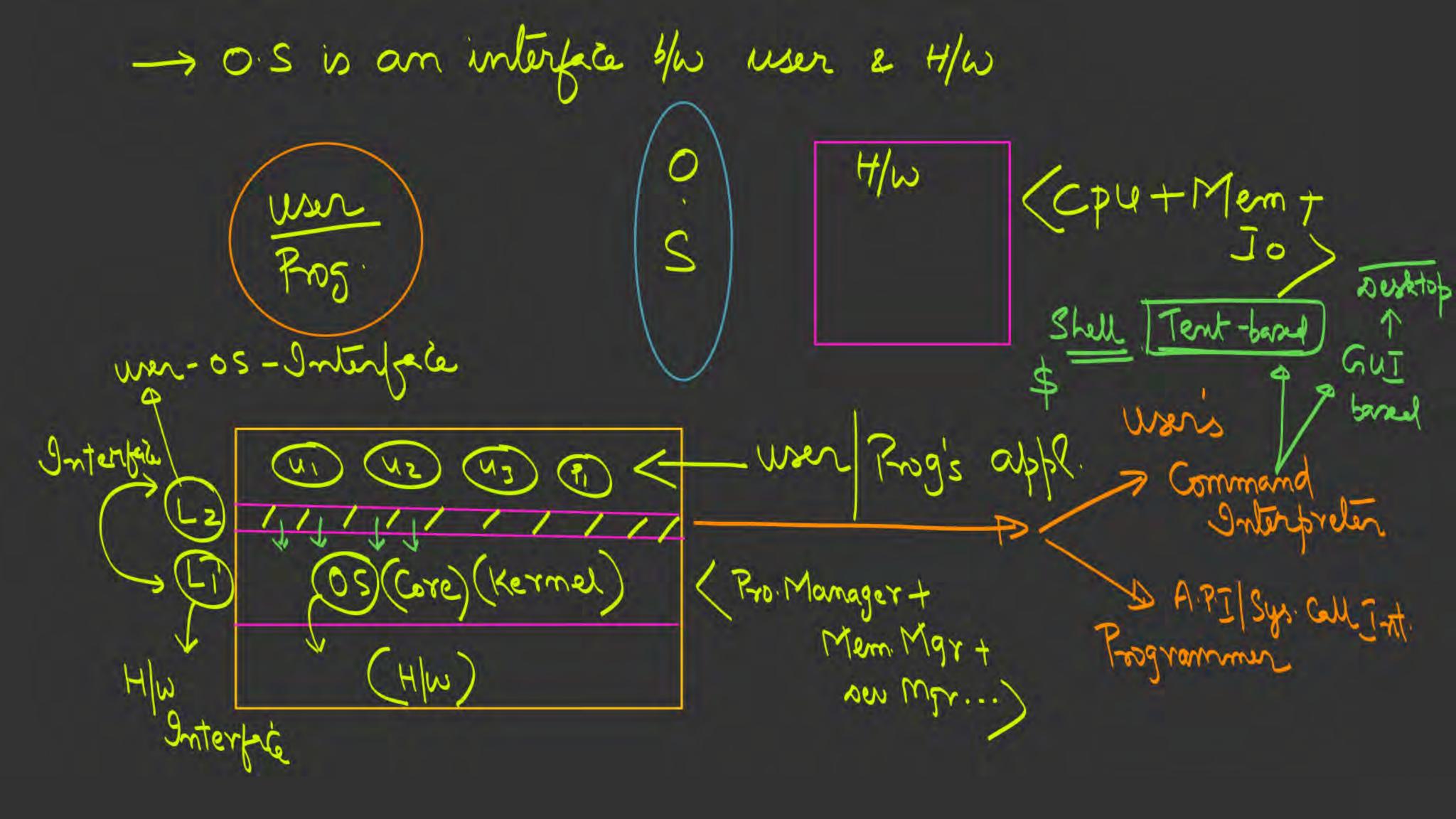


By- Dr. Khaleel Khan sir

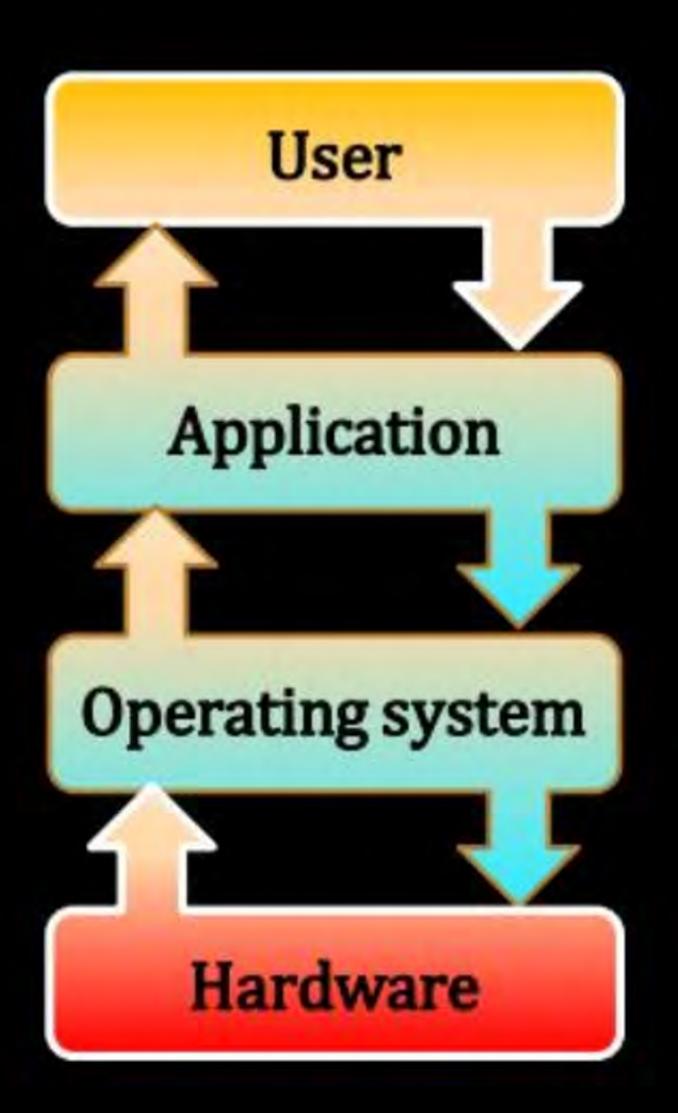


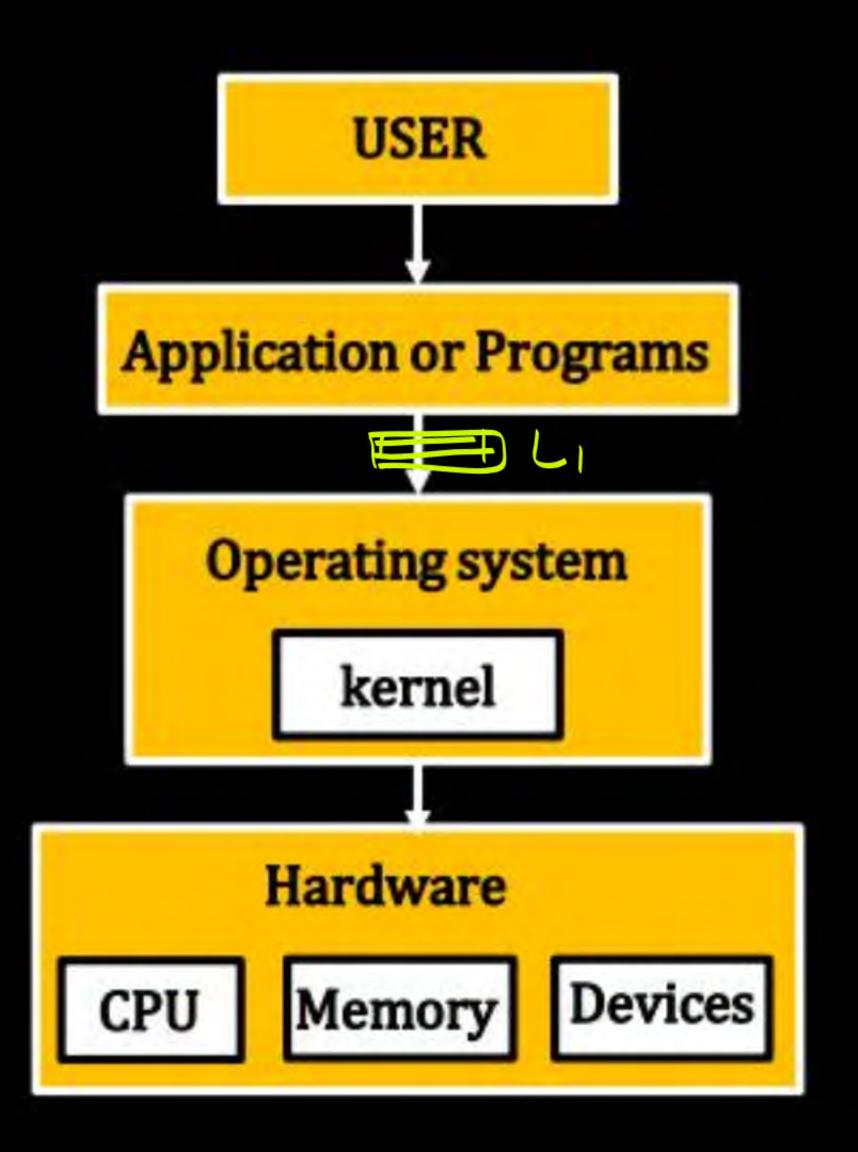
TOPICS TO
BE
COVERED

**OS Definition** Functions; Goals; Types of OS Multiprogramming



-> 05 is a Resource Manager -> 05 is a Collection 9 utilities to Simplify (Files, user/Rog appl. Semaphores, Development Pipes, Locks, Registero) →0.5 acts like a -> 05 in a Control Program(8) [Supervisor] Govt





## Functions of Operating system





Goals -> Primery

1. Convenience P

2. Efficiently

3. Robustness

4. Reliability

5. Scalability

6. portability

Processor Management

Memory Management

Security

Error

Detection

File

Management

-> Satellite

- operate in

2) Real Jime

Systems (RTS)

Strict scadlines

-> Missole

-> Nuclear

