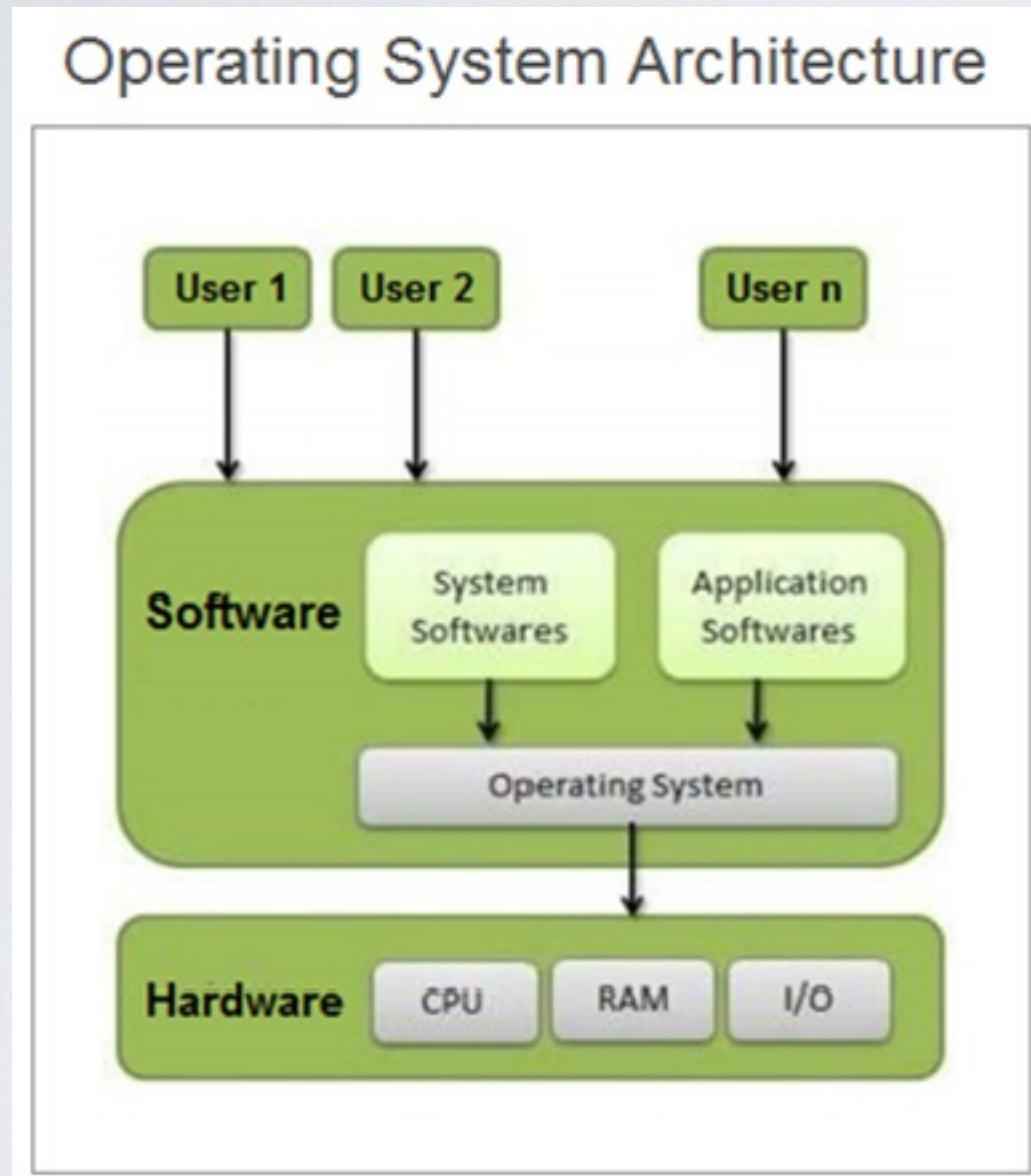


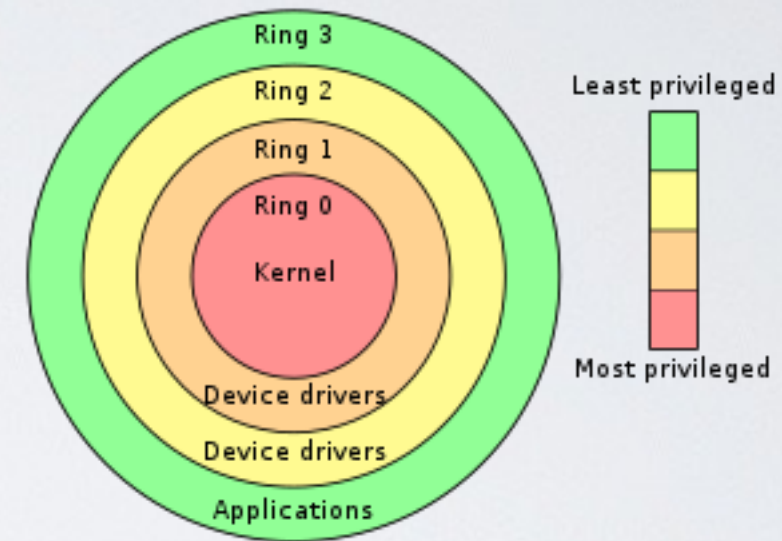
# Operating Systems - Components Contd.

- **I/O Device Management** - Hardware interface and abstraction
- **User Management** - Segregation of user w.r.t resources access and management
- **Security Management** - Access control management and enforcement
- **Command Interpreter System** - Terminal for human interface

# Operating Systems - Architecture



Learn CS



Wikipedia

- Ring 0 - Kernel
- Ring 3 - Userspace
- Ring -X: False rings, e.g Ring -1 Hypervisor