

FUNCTIONS OF OS

- Memory management (Paging, Segmentation and Virtual Memory)
- Peripheral management and device drivers
- Security and user management
- User interfaces
- Processor scheduling (Round Robin, First Come, First Served, Multi-Level Feedback Queues, Shortest Job First and Shortest Time Remaining)
- Interrupt handling

Device drivers (Purpose)

Memory Management (Types)

Processor scheduling (Types)

Interrupt handling (Steps)

BIOS (Steps)

TYPES OF OS

- 👤 Single-user
- ⌚ Multi-user
- ⌚ Real-time
- ☁️ Distributed
- ⚙️ Embedded

Single User

Multiuser

Multitasking

Distributed

Embedded

Real Time

UTILITY SOFTWARE

Software tools that maintain or optimise system performance.

EXAMPLES:

Disk defragmenter



Antivirus



Backup tools



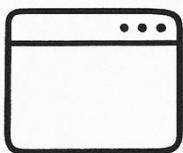
Fdisk compression



System monitoring



VIRTUAL MACHINES



Describe the benefits of different types of utility software

Virtual Machines