



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



TYPES OF OS



Single-user



Multi-user



Real-time



Distributed



Embedded

Single User

Multuser

Multitasking

Distributed

Embedded

Real Time

UTILITY SOFTWARE

Software tools that maintain or optimise system performance.

EXAMPLES:

Disk
defragmenter



Antivirus



Backup
tools



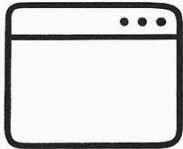
Fisk
compression



System
monitoring



VIRTUAL
MACHINES



Describe the
benefits of
different types of
utility software

Virtual
Machines