

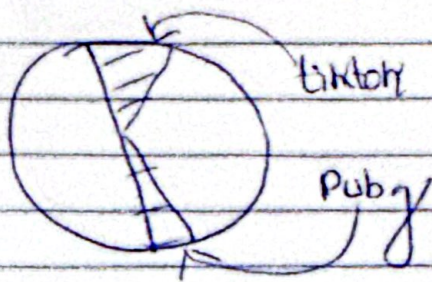
what is operating systems

OS - resource management
works as an interface

User \rightarrow OS \rightarrow resources

if every application deals with the memory management and resource management on its own, it will take a lot of storage and will become bulky.

- isolation of protection



OS would help manage will provide memory isolation and protection to multiple apps.

OS is a piece of software that manages all the resources of a computer system, both hardware and software, and provides an environment in which user can execute his/her programs in a convenient manner by which underlying complexity of hardware is hidden.

- access to computer hardware
- interface between the user and computer hardware
- resource management
- Hides complexity of hardware