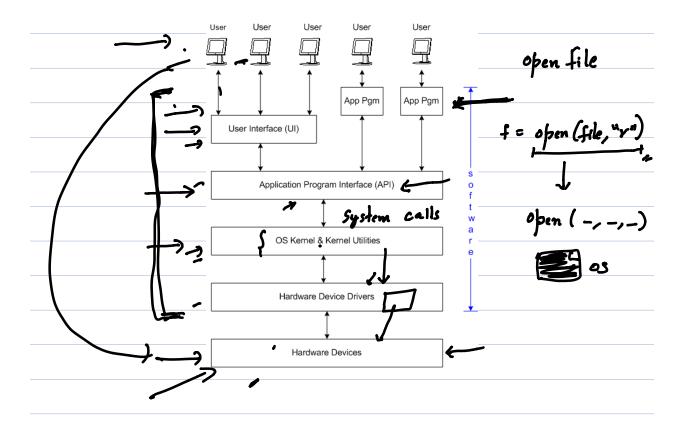
What is an operating System?

- An operating system is a system program that manages the System's hardware.
- · An operating system acts as an interface between the user and the system's hardware.
- · We have no universally accepted definition of what is a part of the operating system.
- · An operating system includes all the programs that are associated with the operation of the system.
 - (· Kernel / C C)

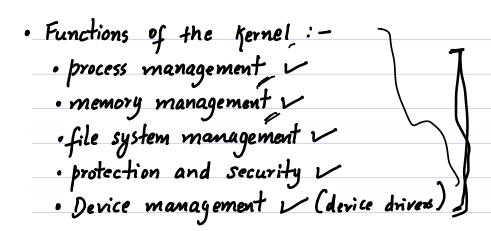
 · Device drivers /
 -) · User interface CLI or GUI

Mount

- · System libraries v
- System utilities disk formatters, anti-virus, data recovery tools etc.
- · Also, its not always easy to draw a line between the system softwares) and application softwares.
- · Microsoft in 1998 argued in the court that Internet Exhlorer was a sustem software that cannot be uninstalled.



- · An operating system acts as an interface between the user and the hardware devices.
- · A Kernel acts as an interface between the application and the hardware devices.
- In some cases, the Kernel itself becomes the operating System. In embedded devices, there is no CLI/GUI, system utilities etc.



• Functions of the operating system:

• All functions of the Kernel plus

• Includes CLI/GUI for interaction with system.

• Includes system utilities ~

• Includes System libraries (API) ~