

# OPERATING SYSTEMS (GALVIN)

## OPERATING SYSTEM DEF:

The Interface between a user and System's hardware is Operating system.

Operating system contains three main things 1) Kernel 2) Application programs 3) System programs

1) Kernel : The program runs all the time when system is in use.

2) Application Programs : The programs which include all the programs not associated with the system's operation.

3) System programs : The programs includes all the programs associated with the system's operation.

Mobile Operating systems often include a **core kernel** along with **middleware**.

Middleware : A set of software frameworks that provide additional services like supporting databases, multimedia and graphics.

Two most prominent mobile operating systems are 1) Google's **Android** 2) Apple's **IOS**