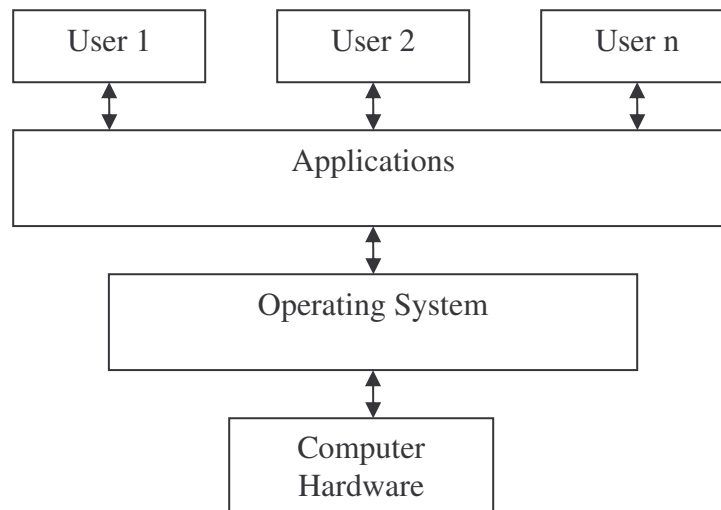


## List the three categories of computer systems

- Embedded computers
  - Largest category
- Personal computers
  - Desktops, laptops (including tablet), PDAs
- Workstation servers

**Embedded computer** – an application-specific, special purpose computer that is placed in another product



## Define Operating System

Program(s) that manages hardware resources.

Originally was defined to include the OS kernel but has blurred to include each of the following elements:

- **OS Kernel** – control program – heart beat – of the OS
- **Device Driver Modules** – subroutines that respond to and control hardware devices
- **User Interface**
  - In an elevator, it is the buttons
  - On a laptop, the keyboard, mouse, screen, etc.