

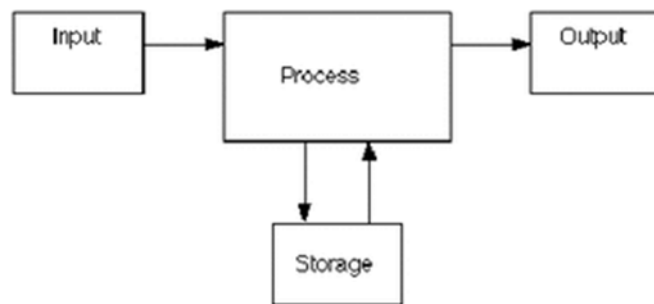
Systems.

Examples of systems

- Mobile Phone
- Computer
- Satellite Navigation
- Dishwasher program
- Calculator

Definition of a system: a combination of hardware and software that is capable to run programs. To run programs a system must have a CPU.

Model of a system:



Examples of input Devices:

Keyboard, Touchscreen, Mouse, Microphone

Examples of output Devices:

Speaker, Monitor Display, Printer

Types of system:

A **DEDICATED** system is designed to carry out one or a very few processes. It may not have an operating system. **Example** – Calculator

A **GENERAL** system is designed to carry out many different processes, load programs, and produce outputs. Will have an operating system. **Example:** Computer, Mobile Phone, Tablet.

An **EMBEDDED** system is a small system that is part (embedded) of a larger system. An embedded system could be a house central heating system. The complete system will have several different systems. A model would look like:

