

What is Computer?

A Computer is an electronic device, which processes the **data** provided by the user into useful **information**.



Note:- The terms Data and Information are entirely different from each other.

Data is referred to as the raw facts and figures. For e.g. 'Annie', '90' and 'Maths' are all raw data. On the other hand Information can be described as a meaningful data, i.e. data that we get after processing.

Considering the above statements, let's assume the raw data i.e. 'Annie', '90' and 'Maths' is entered into computer as an Input. 'Annie has scored 90 marks in Maths subject', is an information conveying some meaning as an Output from the computer.



INFORMATION
Annie has scored 90 marks
in Maths subject



Advantages of Computers

The computer somehow has a little similarity with the Television or TV. It lets you see the pictures, hear the music etc. as normally as you can do it from the Television screen, but with the big difference that TVs do not take any Input from the user as is in the case of computers. In the following segment we will look at the various advantages provided by the Computer systems.

The fact that today computers have made their impact on the world can hardly be questioned. However, the question that you may ask here is – “How do I benefit by using a computer?”

Speed

A Computer is a fast device. It can do billions of actions per second.

Accurate

The computer's physical processing circuits rarely make errors. In fact most computers errors are caused by mistakes made by the users like faulty programs or incorrect data input.

Diligence

Unlike humans, Computers simply do not get tired. The same task or the repetitive work does not in the very least, affect computers.

Multipurpose

This is one of the most wonderful features of Computers. It can handle several tasks at the same time. One moment it is preparing a letter, at the same time it can be saving another document; along with that you can listen to the music. The system is flexible enough to perform various tasks in the same time.

Storage

A computer can store huge amounts of data. Today's computers are provided with disks capable of storing more than one billion characters i.e. letters or numbers.

Move Information

It lets you move the information quickly from one place to the other.

Note: *Within the limitations prepared by the designers, computers can do whatever they are instructed, but not more. They cannot so far " think " for themselves.*