

A bytes. boolean  
operators are simple  
words



**ASSIGN  
BUSTER**

A bit is the least amount of data in the computer.

Bits have a single binary value, 0 or 1. Computers typically provide commands to control and manipulate bits, but are typically designed to store data and to access bit numerous instructions called bytes. Boolean operators are simple words (AND, OR, XOR & NOT) Join which joins or excludes search terms in belonging search Productive results. Avoid inappropriate strokes and save time and effort. It must be scanned before being destroyed.

AND represent that one statement is true and other is false. OR represent any one statement is correct.

XOR represent only one statement is true. Not represent we will give input then they give to contrast output. A Device which give us an output When we give input . it is called Gates. A group of a circuits is known as Flip Flop.

For the determination of storing data, a computer covers a large group of circuits (such as flip-flops), each skilled of storing a single bit. This bit reservoir is called the machine's main memory. A computer's Main memory organize uncontrollable units this unit is called cell.

Every cell consist of 8 bits and 8 bits is equal to one byte. In a computer there is no left & right. Bits place in a row. The left hand of this row its known high order end and the other end is low order end. To categorize specific cells in a computer's main memory, each cell is allocated a unique " name " is called address.

In computer's main memory is organized as specific, addressable cells, the cells can be recover independently as needed. To show the capability to access cells in any direction, a computer's main memory its known random

access memory (RAM). Due to the decreasing limitation of store data in computer and volatility of data, Mostly in computers have additional memory device. This is called mass storage.

A Revolving disk is magnetic coated it is used to read and write data, is known as magnetic disk. Another class of mass storage systems applies optical technology. An example is the compact disk (CD). Information is recorded on them by creating variations in their reflective surfaces. This information can then be retrieved by means of a laser beam that detects irregularities on the reflective surface of the CD as it spins. Data stored in the form of groups as large units. It is called file. This code not only detects the mistake but also corrects the mistake, it is known as Error correcting code. The code which does is encoded to audios and videos.

This code is called MPEG. Images normally encode in GIF. How data can be encoded as bit patterns. Our study focuses on popular methods for encoding Text, Numerical data, Images, and Sound. Each of these systems has repercussions that are often visible to an atypical computer user. Information in the form of text is normally represented by means of a code in which each of the different indications in the text (such as the letters of the alphabet and punctuation marks) is assigned a unique bit pattern. The text is then represented as a long string of bits in which the succeeding designs represent the successive indications in the original text. Storing information in terms of encoded characters is inefficient when the information being recorded is purely numeric. Suppose the problem of storing the amount 25.

If we insist on storing it as encoded symbols in ASCII using one byte persymbol, we need a total of 16 bits. Moreover, the largest number we could store using 16 bits is 99. One means of representing an image is to interpret the image as a collection of dot. The appearance of each pixel is then encoded and the entire image is represented as a collection of these encoded pixels. Such a collection is called a Bit Maps.

flash drive is a excessive portable storage device. its very little and desimmilar an optical & conventional hard drive. flash drive is the combination of usb device and cable