Approximations for digital computers

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What are the 4 types of digital computers? Based on the types and size of the device, these digital computers are divided into 4 types namely Micro computer, Mini computer, Mainframe computer, and Supercomputer.

Which of the following are examples of digital computers *? Examples of digital computers include digital watches, smartphones, laptop, digital cameras, PDAs, etc.

Which computers incorporates the measuring capabilities of analog and counting ability of digital computers? They are called hybrid computers. They are widely used in specialized applications where both analog and digital data are processed.

On what principle do digital computers work? The operation of a digital computer is based on counting principle. It is based on digital signals i.e discrete signals. The basic principle of these computers is either present or absence of an electric pulse in the signals.

What are the five basic operations of a digital computer? There are five basic types of computer operations: inputting, processing, outputting, storing and controlling. Computer operations are executed by the five primary functional units that make up a computer system.

What are the 7 types of computers? There are many different types of computers, but here are 7 of the most common Computer: Supercomputers, Mainframe computers, Minicomputers, Personal computers (PCs), Workstation computers, Microcontrollers & Smartphones.

Is a laptop a digital computer? All modern computers like laptops, desktops including smartphones that we use at home or office are digital computers.

What is the basic difference between a digital computer and an analog computer? A digital computer stores all data as numbers and performs arithmetical operations on that data. Analog computers use certain physical phenomena, such as electrical voltage, to simulate various phenomena and perform operations, directly modifying stored data. Analog computers depend on physical variation.

What are the 5 characteristics of a digital computer? Let us identify the major characteristics of computer. These can be discussed under the headings of speed, accuracy, diligence, versatility and memory. As you know computer can work very fast. It takes only few seconds for calculations that we take hours to complete.

What is a computer that operates on digital data called? digital computer, any of a class of devices capable of solving problems by processing information in discrete form. It operates on data, including magnitudes, letters, and symbols, that are expressed in binary code—i.e., using only the two digits 0 and 1.

What is the computer that process both analog and digital called? Hybrid computers are computers that exhibit features of analog computers and digital computers.

Which type of computer can handle analog as well as digital data? Hybrid Computer – Computers that exhibit features of both Analog and Digital computers are called Hybrid Computers.

Can a digital computer carry out a set of in sequence? A computer is a machine that can be programmed to carry out sequences of arithmetic or logical operations automatically. Modern computers can perform generic sets of operations known as programs.

What is the basic structure of a digital computer? Ans. The main components of the basic structure of computers are the control processing unit (CPU), an input unit, memory unit, control unit, and output unit. Ans. The main functions performed by computers based on their basic structure include output, input, storage, and processing.
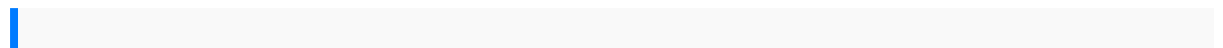
What are the two types of digital computers? The classification of digital computers is based on their types and sizes, which can be divided into four categories: microcomputers, minicomputers, mainframe computers, and supercomputers.

What are 4 different types of computers?

What are the 4 types of digital?

What are the 4 components of a digital system? A typical digital computer system has four basic functional elements: (1) input-output equipment, (2) main memory, (3) control unit, and (4) arithmetic-logic unit. Any of a number of devices is used to enter data and program instructions into a computer and to gain access to the results of the processing operation.

What is 4 generation of digital computing? The period of fourth generation was from 1971-1980. Computers of fourth generation used Very Large Scale Integrated (VLSI) circuits. VLSI circuits having about 5000 transistors and other circuit elements with their associated circuits on a single chip made it possible to have microcomputers of fourth generation.

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