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Notes on hardware and software

Updated: 06/09/2020 for computer Hope computer hardware is a physical device used in or with the machine, while the software is a collection of programming code installed on the computer's hard drive. In other words, hardware is a product that you can hold in your hand, while the software cannot be held in your hand. You can touch Hardware, but you can't touch the software. The hardware is physical and the software is virtual. Note Although the software can arrive on a CD or DVD, the disk is the storage media for the programming code that constitutes the software. The disk is not the real software. For example, the computer monitor you are using to read this text and the mouse you are using to browse this web page is computer hardware. The Internet browser that allows you to view this page and the operating system running the browser is considered software. A video card is hardware and a computer game is software. You can tap and hear the video card and the computer uses it to play a computer game, but you can't touch or hear the programming code that composes the computer game. More information and examples All software uses at least one hardware device to operate. For example, a video game, which is software, uses the computer processor (CPU), memory (RAM), hard drive and video card to perform. Text processing software uses computer processor, memory and hard drive to create and save documents. Hardware is what makes a computer job. A CPU processes information and that information can be stored in RAM or on a hard drive. An audio card provides sound to the speakers and a video card provides an image to a monitor. Each of these are examples of hardware components. Can a computer work without software? In most situations, yes, a computer can be run without installed software. However, if an operating system or interpreter is not found, it generates a mistake or does not issue any information. A computer needs an operating system that allows both user and software to interact with computer hardware. Installing programs on your computer, in addition to an operating system, provides additional computer features. For example, a word processor is not required, but allows you to create documents and letters. Can a computer work without hardware? Most computers require at least one display, hard drive, keyboard, memory, motherboard, processor, power supply and video card to work properly. Note A computer like a client and a thin server could be set to run without display, keyboard or hard drive. If any of these devices is missing or malfunctioning, aOr the computer does not start. Add hardware, such as a disk unit (E.G., CD-ROM or DVD), modem, mouse, network card, printer, sound card or speakers are not required, but provide additional computer functionality. The tip hardware not required by the computer is indicated as a peripheral. More computer hardware information: hardware hardware to the physical components of a computer. Computer hardware is any part of the computer we can touch these parts. These are the primary electronic devices used to build the computer. Examples of hardware in a computer are the processor, memory devices, monitor, printer, keyboard, mouse and central processing unit. Computer Software: The software is a collection of instructions, procedures, documentation that performs several tasks on a computer system. We can also say Computer Software is a programming code run on a computer processor. The code can be machine-level code or code written for an operating system. Examples of software are Ms Word, Excel, Power Point, Google Chrome, Photoshop, MySQL etc. Don't stop learning now. Keep in possession of all the important concepts of CS Theory for SDE interviews with the CS Theory Course at a price accessible to students and become ready for industry. Difference between hardware and software: HardwareSoftwareHardware is a computer of physical parts that causes data processing. The software is a set of instructions that tells a computer exactly what to do. It's manufactured. It is developed and designed. Hardware cannot perform any activity without software. the software cannot be executed without hardware. Since Hardware are physical electronic devices, we can see and touch hardware. We can see and also use the software, but can not actually touch them. It has four main categories: Input device, output devices, storage and internal components. It is mainly divided into system software, programming software and application software. Hardware is not affected by computer viruses. The software is influenced by computer viruses. It cannot be transferred from one place to another electrically through the network. But, he can be transferred. If the hardware is damaged, it is replaced with a new one. If the software is damaged, its backup copy can be reinstalled. Ex: Keyboard, Mouse, Monitor, Printer, CPU, Hard disk, RAM, ROM etc. Ex: Ms Word, Excel, Power Point, Photoshop, MySQL etc. Prerequisite – Interruptions in microprocessor 80851. Hardware interrupt:Hardware Interrupt is caused by some hardware devices such as the request to start an I/O, hardware failure or something like that. Hardware switches were introduced as a way to avoid wasting the valuable time of the processor in polluting loops, waiting for external events. For example, when an I/O operation is completed, such as reading some data on the computer from a tape drive. Attention! Don't stop learning now. Practice the GATE exam well before the actual examination with subjective and complex quizs available in GATE Test Series Course. Learn all GATE CS concepts with free live classes onchannel youtube.2. Software Interruption: Software interruption is invoked by the use of INT education. This event immediately interrupts the execution of the program and passes the execution to the INT manager. The INT handlebar is usually part of the operating system and determines the action to take. That's true. Yes, I do.When an application program ends or requires certain services from the operating system. Example, output on the screen, run the file etc. Derifference between interrupt hardware and interrupt software: sr.no.hardware interruptsoftware interrupt1hardware interrupt is a interrupt generated by an external device or hardware.software interrupt is the interrupt that is generated by any internal system of the computer.2th does not increase the counter Program The increase in the increase of the counter program.3Dewware Interrupt can be invoked with an external device such as the request to start an I / O or occurring a hardware error.Software Interrupt can be invoked with the help of INT ISTRY. 4Ten has the lowest priority of the Interruptsit software has the maximum priority between all interrupt.5 Interrupt interrupt is activated by external hardware and is considered one of the ways to communicate with external devices, hardware.Software interrupt It is activated by the software and considered one of the ways to communicate with the kernel or to activate system calls, in particular during The error or management of exception .6it is an asynchronous event. It is a synchronous event. Synchronous event interrupts can be classified in two types are: 1. Interrupt Maskable. 2. Interrupts not maskable. Interruptsoftware can be classified in two types are: 1. Normal interrupts. 2. Exception8 Depressions and mouse movements and mouse movements are examples of hardware interrupts. All system calls are examples of hardware software / hardware interrupt software, represents the physical components of a computer like its electronic parts. For example, the CPU, memory, hard disk, monitor, printer, mouse, etc. SoftwareFware, represents the programs that perform different activities on a computer system. It is a programming code that runs from the CPU, which can accept instructions from input devices such as keyboard, mouse and can show output on output devices such as monitors, printer etc. Examples are MS Word, Google Chrome, Photoshop, etc. Important difference between hardware and software.SR. No.KeyHardwareSoftware1Typhardware is a set of physical parts of computers that actually performs the instruction. Sofware is a program or a set of instructions that must be performed by the CPU to run the ASK Task.2Development hardware is manufactured in factories. Designed by software development company.3DeDendente The hardware cannot perform any business with a software that instructs. A software cannot be performed if the underlying hardware is not present .4 The electronic hardware can be touched a physical electronic device. But it is not possible to touch the digital. .5CategoriesHardware Categories: Input devices Transferring Hardware can be transferred only physically. The software can be transferred electronically .8Stitulated The hardware is damaged, it is replaced with a new. If the software is damaged, it is reinstalled. Published 27-Nov-2019 07:59:19 Skip to content skip to content hot-on-the-heels of the inaugural exit of BHG, the «Big Hairy Guitar Collection», Two Notes and Michael Nielsen return with 3 Exclusive Dynir virtual cabinets, as previously as properties and used by Steve Go. Purchased at a rod with a certificate of authenticity, not to mention the signature of the man himself, Michael meticulously immortalized the original cabinet along with two variants Unique, which guarantee guitarists a tonal fire power. The Hidden Gem Collection With a capture approach without exclusion of shots, The Hidden Gem Collection is a secure success at the interior of the Two Notes Community, which offers a collection of Premium microphones, preamplifiers and exquisite converters and, of course, Michael injects Its personal taste in the acquisition process. The interior cabinets of the Hidden Gem Collection include: Alien White Â «86Â» The original specification as previously belonged to Steve Go, loaded with the original celestion V30 speakers and widely used in the street with David Lee Roth, not to mention the Its solo material. From 1986 Â «93 This taxi was a reference point for the tours« eating em and smile », Â« Skyscraper »and Â« Sex and religion.â € Alien Black Â «87Â» The same cabinet this time Uploaded with the most widespread speakers at â € œ The G12H 30W ", the sound that defined the guitar stamp over the years â € ™ 80 and a prelude to the legendary V30. Alien Green Â «93â» An exclusive look in Michael's mind: The same legendary cabinet, this time equipped with Celestion UK 20W Greenbacks, his favorite era of Greenbacks, giving a truly unique touch to this iconic cabin. This cabinet trio is meticulously captured with 8 industry standard microphones: BlueÃ‚Â® Dragonfly, ShureÃ‚Â® Unidyne III 545, Heil SoundÃ‚Â® PR30, SennheiserÃ‚Â® MD409, ShureÃ‚Â® SM57 , Coles ElectroAcusticSÃ‚Â® 4038, BeyerdyNamicÃ‚Â® M160 and RoyerÃ‚Â® R-121 Â Â «All through vintage APIÃÂ® 7600 channel bands with 212L preamplifiers, in ApogeeÃÂÃ‚Â® symphony converters. As you would expect, everything is connected via MogamiÃ‚Â® cables, at the Ninja Tracks studio in Michael, Los Angeles. This product contains Dynir cabinet. The Dynir cabinets are compatible only with the Torpedo Two Notes hardware and software. Find out more about Torpedo Series | Dynir Technology Technology Technology