

# [Tech in action notes](https://assignbuster.com/tech-in-action-notes/)

The two major types of system software programs are utility programs and theoperating system

The \_\_\_ of the operating system enables users to communicate with the computer systemuser interface

OS X is the operating system developed byapple

All of the following are examples of network operating systems EXCEPTMS-DOS

UNIX was developed by Ken Thompson and Dennis Richie, who worked atAT and Ts Bell Labs

The latest version of the Mac OS X isMavericks

Which of the following is NOT a user interface? Application programming interface (API)

Using hard disk space to temporarily store data or instructions from RAM is referred to asVirtual memory

Each device attached to your computer comes with a special program called \_\_\_ enables the device and operating system to communicate with each otherdevice driver

Which of the following is the first step in the boot process? The BIOS is activated by turning on the computer

Which of the following Windows utility programs arranges pieces of files on your hard drive to allow for faster access? Disk defragmenter

Which of the following is NOT a windows utility program? Desktop

Which utility removes redundancies in a file to reduce the file size? File compression

You can use the Windows \_\_\_ to check on a nonresponsive programTask manager

Mac OS X includes a backup utility calledTime machine

FolderStorage location for a collection of files

TracksConcentric circle on the hard drive

SectorPie-shaped wedge on the hard drive

PlattersRound, thin plate of mental that makes up a hard drive

TaskbarDisplays open and favorite applications

LatencyTime needed for correct sector to spin to the read/write head

Seek timeTime required for the read/write head to move to the correct track

There are \_\_\_ levels of cache memoryThree

\_\_\_ provides high-speed information processing by enabling a new set of instructions to start before the previous set is finishedHyperthreading

The speed of a level of cache memory is impacted bythe chip's proximity to the CPU

RAM is an example of \_\_\_\_ storagevolatile

The amount of RAM storage is measured inGB

In most current systems, \_\_\_\_ is the type of RAM usedDDR3

The \_\_\_\_ has the largest capacity of any storage deviceMechanical hard drive

Which of the follow ports is NOT used to connect a video card? USB

To speed up the display of graphics, a \_\_ is installed on some video cardsGPU

A \_\_ enables the computer to drive the speaker systemSound card

In Dolby Digital 7. 1, the 1 indicates a \_\_\_ speakersubwoofer

Running the disk defragmenter utility will \_\_\_\_\_. Make the hard dive work more efficiently

Running the disk cleanup utility is a quick way toclear out unnecessary files

To remove all the changes made to your system, the Windows \_\_ utility returns your computer to the state it was in when it came from the factory. Refresh

Which statement pertaining to system reliability is FALSE? An accumulation of temporary internet files has no effect on your computer's overall performance

To securely erase data, the U. S Department of Defense suggests that the data be overwritten \_\_\_\_ times. seven

The CPU is composed of the control unit and the \_\_\_ unitarithmetic logic

The process the CPU performs for each program instruction is called themachine cycle

\_\_\_\_\_ is a feature of a CPU that allows it to begin to fetch the next instruction before it has finished executing the current one. Hyperthreading

fiber-opticmade up of plastic or glass and transmits data at extremely fast speeds

twisted pairmade up of copper wires

coaxial cablesingle copper wire surrounded by layers of plastic

peer-to-peereach node can communicate directly with every other node on the network

client/servercentral computer provides information and resources to other computers

MP3digital music file format

PMPportable media player

MPEG-4digital video file format

GPSuses satellites to locate a device

MMStechnology that allows the sending of text, sound, images, and video clips

resolutionnumber of data points used to capture and image

Bluetoothuses radio wave to transmit data

analogcontinuous sound or light waves

SMStext messaging

data plandetermines the cost and amount of data transfer for mobile devices

The Form 1 3D printer founders used the crowdfunding site \_\_\_\_\_\_\_\_ to ask for $100, 000 in pledgesKickstarter

The term \_\_\_\_\_\_\_\_refers to the use of a single unifying device that handles media, Internet, entertainment, and telephone needs. digital convergence

What is iOS? An operating system for mobile devices

The operating system of a cell phone is stored in \_\_\_\_\_\_\_\_ROM

The primary input devices for smartphones are \_\_\_\_\_\_\_\_microphone and touch pad

Many mobile devices include a micro \_\_\_\_\_\_\_\_ portUSB

Text messaging is also called \_\_\_\_\_\_\_\_. short message service (SMS)

SMS messages are limited to a maximum of \_\_\_\_\_\_\_\_ characters160

You can send messages that include photos and videos between mobile devices using \_\_\_\_\_\_\_\_ technologymultimedia message service (MMS)

An Internet connectivity plan is also known as a \_\_\_\_\_\_\_\_ plan. data

All of the following are advantages of VoIP EXCEPT \_\_\_\_\_\_\_Excellent reliability during Internet or power outages

\_\_\_\_\_\_\_\_ is a very well-known free VoIP providerSkype

The global positioning system is a network of 21 \_\_\_\_\_\_\_\_ plus 3 working sparessatellites

A main difference between the tablet and the smartphone is the \_\_\_\_\_\_\_screen size

Which of the following mobile devices is the lightest? Smartphone

iOS and Android are \_\_\_\_\_ for tablets and smartphones. operating systems

The Apple iPhone uses a version of Apple's \_\_\_\_\_ as its operating system. OS X

When using a cell phone, a(n) \_\_\_\_\_\_\_ converter chip changes your voice's sound waves into digital signals. Analog-to-digital and analog to digital

Google \_\_\_ is an online store delivering software for mobile devices. play

Each cell in a cellular network is a geographic area centered on \_\_\_\_\_\_ station, which is a large communications tower. base transceiver

Which of the following is NOT an example of a smartphone OS? Linux

You are most likely to find a real-time operating system (RTOS)in your automobile.

Borrowing hard drive space to optimize RAM storage is known asvirtual memory.

If your computer can't store all the required OS data in RAM, it can use a temporary file on the hard drive to store data. This is known as a \_\_\_\_\_\_\_\_\_ file. swap

To decide if your current system is still useful for youcheck each subsystem to see how it is performing during your work day.

Which of the following is true? The CPU contains the ALU.

RAID 0 cuts the time it takes to write a file to disk in halfTrue

SuperFetch is a memory-management technique that pulls info from your hard drive into RAMTrue

When using 7. 1 surround sound there are a total of8 speakers

Windows creates " restore points" so that you canreturn your system to the way it was before you installed new software.

SSD startup drives will reduce the amount of time to boot upTrue

Donating your computer will not necessarily put you at risk for identity theftFalse

Which type of Internet connection requires hardware to be installed outside your home? Satellite

Network adapters installed internally in a device are called NICsTrue

Which of the following can be used to add additional ports to your network? Switch

To determine what devices are connected to your router, you shouldlog into an account associated with your router's IP address.

Which of the following is NOT a reason to connect your digital entertainment device to your home network? Your stored entertainment files are more secure when connected to a home network.

Which of the following is NOT an operating system for a smartphone? HTC

A cell phone is cellular becauseit uses a network made up of cells or base transceiver stations

Which of the following is false? Your phone can only be connected to the Internet if there is a WiFi network available

An example of an open source OS isLinux

Each device attached to your computer needs a device driver to communicate with the OSTrue

The first step of the boot process is the power on self testFalse

Which of the following is NOT considered an accessibility utility? system restore

Apps specifically designed for windows 8run full screen

The windows app used for file management isfile explorer

If you place a document from your C; drive in the recycle bin in windowsit remains on your hard drive until you empty the recycle bin

the \_\_\_ utility is used for detecting lost files and fragments of files on your hard driveerror checking

You can terminate nonresponsive programs with Task ManagerTrue

System restore points can only be created by Windows automatically on a regular scheduleFalse

Moore's law refers tothe number of transistors inside a CPU chip

You would not want to consider overclocking ifyou want to keep the warranty on your system

The amount of time your current CPU is working is calledCPU usage

The most common type of video memory is a modern video card isGDDR5

You can run multiple monitors on your system only ifyou have a video card that supports more than one monitor

An audio MIDI interface box lets you connect your computer toGuitars and microphones

Which of the following would NOT be a benefit of networking computers? Sharing software licenses

Megabit per second is usually used to measureboth a and b

Which of the following is an example of a locally administered network? P2P network

What do you need to get wireless internet access at home? Wireless router

802. 11ac is the current wireless Ethernet standardTrue

Which of the following might cause interference or poor connectivity between nodes on a wireless network? All of the above

What device would be useful to amplify a wireless signal? Wireless range extender

Home network servers are used for file management tasks on a home networktrue

All devices must run the same version of an operating system to connect to a home networkfalse

VOIP is a service that lets youPlace phone calls using the internet as the network

Which of the following is NOT a mobile device? Base transceiver station

Every smartphone contains a GPS chipTrue

A WiFi network is always faster than a 4G networkFalse

Analog signals are different than discrete signals becauseAnalogs waves are continuous

Which is NOT true about self-publishing? Self-publishing means your work will have a limited reach to readers.

To play digital music files you can useAll of the above

Streaming music services allow you toSubscribe monthly and have access to millions of songs

A digital camera's resolutionis measured in MP

Digital video can be stored in an /mpg, file, a. mpeg file or a mp4 fileTrue

The aspect ratio of an HD television is more square than that of a standard definition TVFalse

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* Digital Camera
* iOS
* Smartphone
* WiFi