project1

1. Define the following;

1. Computer A computer is an electronic device that can take data via an input( keyboard, mouse, voice , etc) from a user ( like me) and then process, save, and generate the result in a very short time ( say 1/1 000 000 of a second).

b. Operating System An operating system(os) is a software on which applications can run in a computer. Eg of operation systems are Microsoft windows, Android, IOS for apple products, Linux, DOS, etc. the operating system(os) manages all of the software and hardware on the computer

c. Computer Software Computer is Software is those parts of a computer that you cannot see or touch. Eg operating systems (os) and applications like Google, Microsoft office (word perfect, excel, access, PowerPoint etc.), Firefox, chrome, and all the apps that you can get from the app store.

d. Computer Hardware These are the parts of a computer that are tangible. You can see and touch. Eg computer motherboard, CPU, ROM, Memory(RAM), Power supply, monitor screen, graphic Hard drive, key board, USB and also HDMI ports, Nic, etc.

e. CPU. CPU ( central processing unit) is the brain of the computer. It processes data inputs and commands in a speedy manner, and supply the results. You need the speed of 2.4 GHz in this our linux family.

f. RAM RAM (Random Access Memory) is the memory of the computer. It temporarily stores information in the computer. For instance, when you are working on a document, it is on RAM so as to let you continue your work. It can carry many docs at the same time depending on its size. You need 6GB for this linux family.

g. Application Applications(apps) are all the other software different from the operating system, that runs in the computer. E.g. Google, chrome, YouTube, search engines, WhatsApp, etc.

h. NIC card NIC (network interface card) is what helps to connect network(internet) in and out of the computer.

i. ROM ROM (read only memory) is that part of the computer that stores the computer settings like date, time, password, screen savers etc. ROM also run the BIOS to booth the computer.

k. BIOS BIOS (Basic Input/output system) is the program (software) that checks all the necessary hardware of the computer before it can booth.

l. HDMI HDMI ( High-Definition Multimedia Interface ) is what helps to transfer audio and video information from compatible sources to a computer monitor.

m. url url (uniform resource locator) is the entire address of the website. It goes like <https://www.comcast,com>, or <ftp://108.36.207.8> etc.

2. Build a computer from scratch to build a computer, you need these items in place:- the motherboard, the CPU, the hard drive, the ROM, the memory/RAM, the keyboard, the monitor/screen, the power supply, and the graphic. At this point your computer will run. However, to make it fanciful, you can add:- the Nic, HDMI, ports for usb, microphone, speakers, webcam etc.

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| --- |
| Motherboard, cpu, hd,rom, ram, nic, hdmi, k-board, power, graphic |

3. what role is the NIC playing in the computer

it what helps to connect network(internet) in and out of the computer.

4. check your computer's spechighifications ( what is your cpu size? your hard drive ? your memory?) cpu speed is 2.70GHz. memory is 8.0GB. hard drive is 1TB

5. what is the difference between a ROM and a RAM? RAM is the computer memory. It stores information temporarily. And after using the information, it goes away. On the other hand, ROM stores permanently, some information about the setting. It also run BIOS.

6. What is the difference between a RAM and a hard drive RAM is the computer memory. It stores information temporarily. And after using the information, it goes away. On the other hand, the Hard Drive will store information permanently.

7. what program is responsible for checking all the hardwares during the boot up? BIOS (Basic Input/output system).

8. what is the difference between the NIC and the USB port ? NIC is what helps to connect network(internet) in and out of the computer. On the other hand, usb port will connect the computer to only what is in the usb stick.

9. what is teamviewer? what is it for ? Teamviewer is a software that helps to let 2 or more users at different locations to view and use the same screen.they can even work one at a time on that screen.

10. what is the difference between a 64 bits system and a 32 bits system ? which one is better. The former is better than the latter. 64bits is faster while 32bits has a smaller speed.

11. what is the difference between an OS and an Application? The former can run the latter. But the latter can not run the former. More so, OS comes with the machine, while applications may not come with the machine

12. bookmark this the following url and call it "online": <https://zoom.us/j/787677723?pwd=gcGrN7ZgUvk%3D> Done.

13. why did you get in the IT? Job related reasons.

Daniel Feh. (301)537-3743. Done 4/4/17 at 2100h

(you can send your answer through email )