1. Define the following;

a. computer: An electronic device that takes input from a user or from another computer, processes the information and then generate an output.

b. Operating System: It is an intermediary between the user and the computer. It's a platform where users interact with the computers' Hardware

c. Computer Software: It is refers to the instructions or programs that tell the hardware what to do. it cannot be touched.eg Microsoft word

d. Computer Hardware: It is the physical part of the computer that can be touched.eg monitor, keyboard

e. CPU: It refers to the brain of the computer. It translates instructions and performs calculations.

f. RAM: It stores temporal information on the computer

g. Application: Is A program or group of programs designed for end users.

h. NIC card: (Network interface card) it enables connections in and out of a computer.

i. ROM: (Random only Memory) it is a small chip on the Motherboard that stores all the settings on the system.

j. the motherboard: It is the main part of the computer that connects all devices together

k. BIOS: It checks all the hardware in the system before bootup

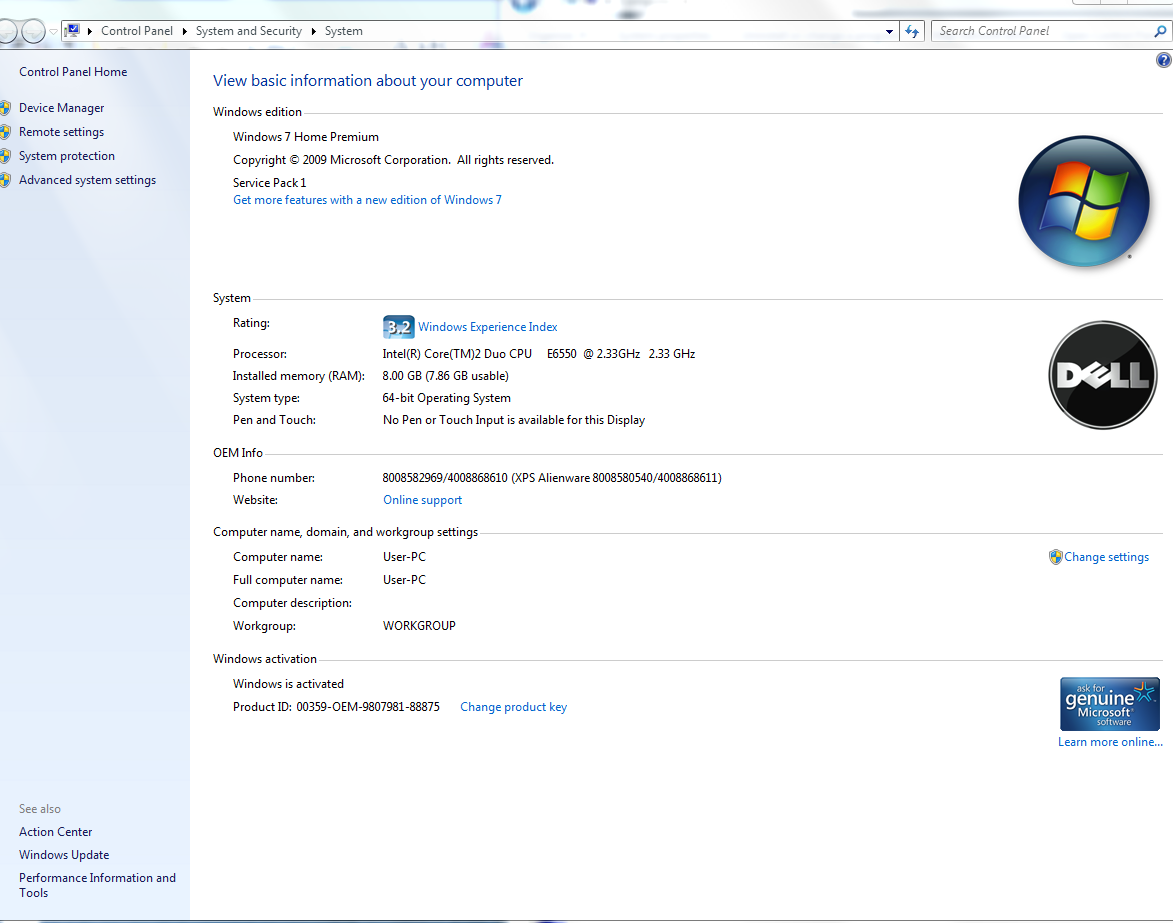
l. HDMI: It is used to transfer image and sound to a monitor for display

m. url: (Uniform Resource Locator)another name for Web Address.

2. Build a computer from scratch

3. what role is the NIC playing in the computer: connects a computer to a network

4. check your computer's specifications ( what is your cpu size? your hard drive ? your memory?)



5. what is the difference between a ROM and a RAM? Data is not permanently stored in RAM, after you turn off the system. Data is stored in ROM, it is not erased after you turn off the system

6. What is the difference between a RAM and a hard drive: Data is not permanently stored in RAM, while the hard drive is used for permanent storage

7. what program is responsible for checking all the hardwares during the boot up? The BIOS

8. what is the difference between the NIC and the USB port? USB is used to connect peripheral devices to a computer, while (Network interface card) enables connections in and out of a computer.

9. what is teamviewer? what is it for ? Allows remote access to another system

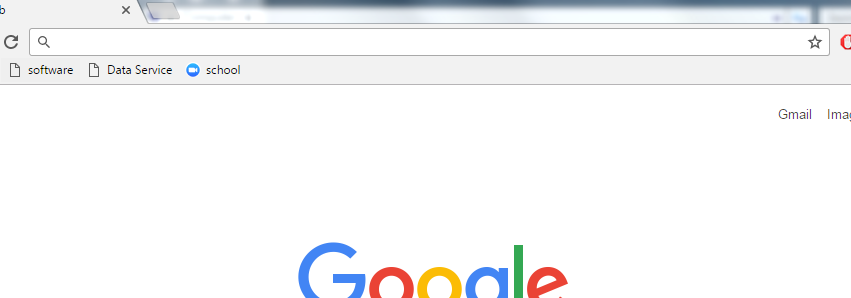
10. what is the difference between a 64 bits system and a 32 bits system ? which one is better.

. The **64**-**bit** version of Windows handles large amounts of random access memory (RAM) more effectively than a **32**-**bit** system.

11. what is the difference between an OS and an Application?

Software designed to handle basic elements of computer operation,such as sending instructions to hardware devices like disk drives and computer screens, and allocating system resources such as memory to different software applications being run. while an application is a program or group of programs designed for end users.

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



1. why did you get in the IT? love for technology and the money is good
2. Build a computer from scratch: