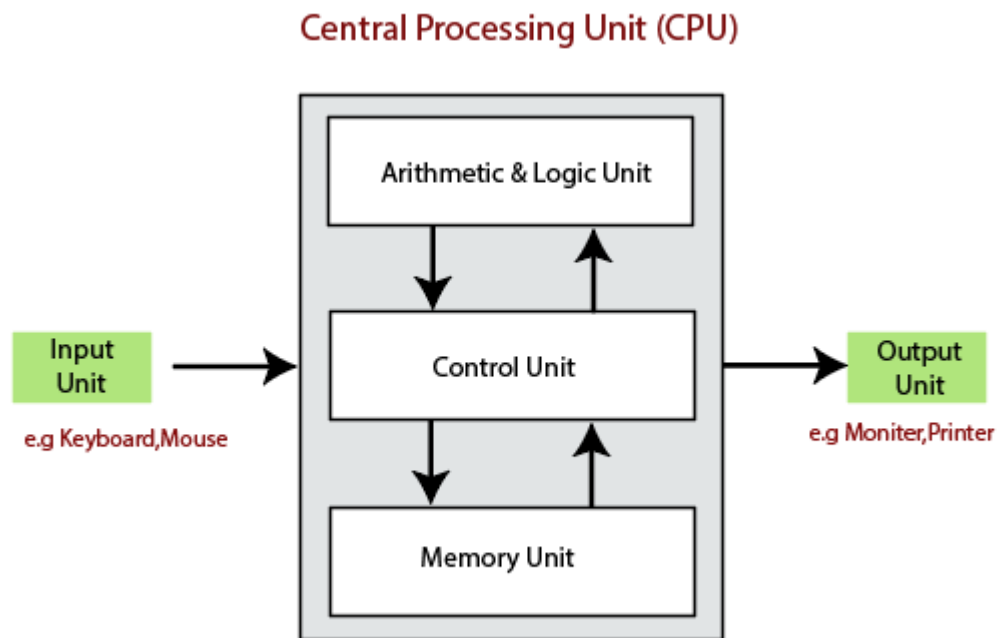# Assignment -1

Q1: What are the four fundamental parts of computer ? Explain it with help of diagram ?

Ans - (1) CPU (Central Processing unit) (2) storage unit (3) ALU (Arithmetic Logic Unit) (4) Control Unit

Q2 : discuss about the classification of computers based on size and capacity ?

Ans :- (1) super computer (2) mainframe computer (3) mini computer (4) micro computer

Q3 : What is the meaning of computer generation? How many Computer Generations are defined? What technologies were/are used?

Ans :- (1) Generation in computer terminology is a change in technology a computer generation includes both hardware and software, which together make up an entire computer system.

(2) five generation computers

Assignment -1

Q4 :- differentiate between volatile & Non – volatile memories ?

Ans :

S.NO	Volatile Memory	Non-Volatile Memory
1.	Volatile memory is the type of memory in which data is lost as it is powered-off.	Non-volatile memory is the type of memory in which data remains stored even if it is powered-off.
2.	Contents of Volatile memory is stored temporarily.	Contents of Non-volatile memory is stored permanently.
3.	It is faster than non-volatile memory.	It is slower than volatile memory.
4.	**RAM (Random Access Memory)** is an example of volatile memory.	**ROM (Read Only Memory)** is an example of non-volatile memory.
5.	In volatile memory, data can be easily transferred in comparison to non-volatile memory.	In non-volatile memory, data can not be easily transferred in comparison to volatile memory.
6.	In Volatile memory, process can read and write.	In Non-volatile memory, process can only read.
7.	Volatile memory generally has less storage capacity.	Non-volatile memory generally has more storage capacity than volatile memory.
8.	In volatile memory, the program's data are stored which are currently in process by the CPU.	In non-volatile memory, any kind of data which has to be saved permanently are stored.
9.	Volatile memory is more costly per unit size.	Non-volatile memory is less costly per unit size.
10.	Volatile memory has a huge impact on the system's performance.	Non-volatile memory has a huge impact on a system's storage capacity.
11.	In volatile memory, processor has direct access to data.	In non-volatile memory, processor has no direct access to data.
12.	Volatile memory chips are generally kept on the memory slot.	Non-volatile memory chips are embedded on the motherboard.

Assignment -1

Q5 : Distinguish among system software, application software and open source software on the basis of their features ?
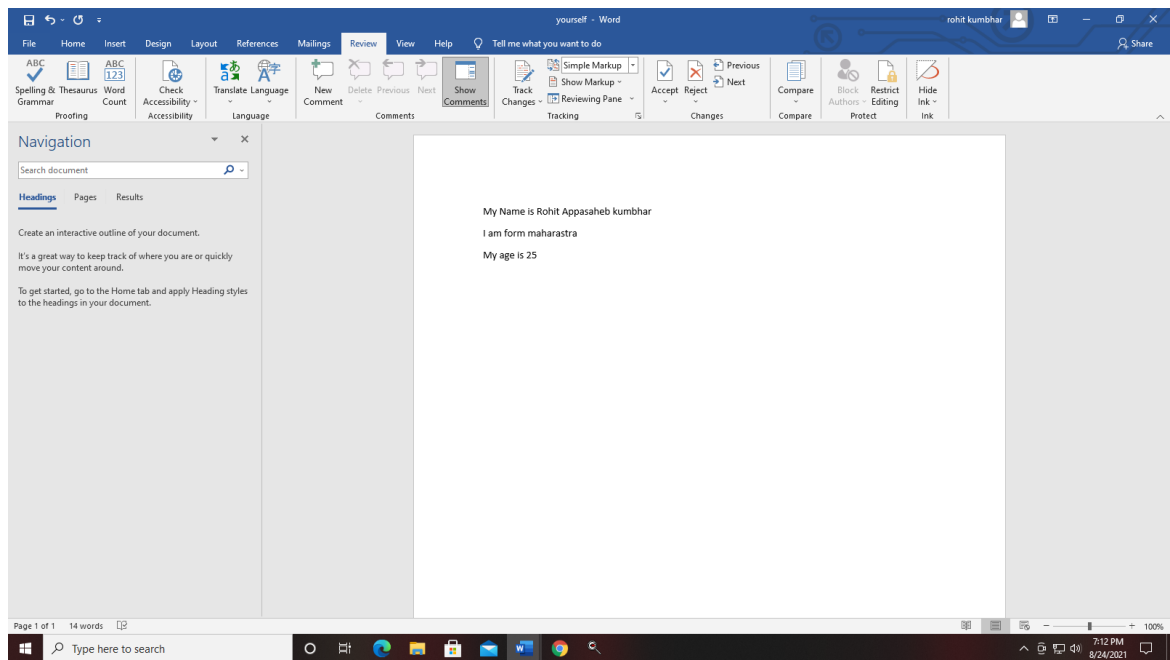
Ans:

System Software.	Application Software.
System Software is the type of software which is the interface between application software and system.	On other hand Application Software is the type of software which runs as per user request. It runs on the platform which is provide by system software.
In general System software are developed in low level language which is more compatible with the system hardware in order to interact with.	While in case of Application software high level language is used for their development as they are developed as some specific purpose software.
System software is used for operating computer hardware.	On other hand Application software is used by user to perform specific task.
System software are installed on the computer when operating system is installed.	On other hand Application software are installed according to user's requirements.
As mentioned in above points system software are specific to system hardware so less or no user interaction available in case of system software.	On other hand in application software user can interacts with it as user interface is available in this case.
System software can run independently. It provides platform for running application software.	On other hand in application software can't run independently. They can't run without the presence of system software..

Assignment -1

Q6. a) Create a file in MS-word to insert a paragraph about yourself and save it with file name "yourself". Describe all steps involved in it.

Ans:

1. Click on start then search MS world and open it.
2. Click on file then click on new and select blank document.
3. Type paragraph
4. Click on file and save document.

5.

Q6 b) Write steps regarding following.

Ans:

➢ To change the font style: click on home then select font style.
➢ To change the font size: click on home then select font size.
➢ To change the font color: click on home then select font color.
➢ To highlight (in yellow) the line that reads "need to get IMS's address": click on home then select text highlight color.

Assignment -1

Q7. Create a file in MS-Word for the following document and save it with file name 'ms_word'. Describe all steps involved in it.

Ans:

1. Click on start then search MS world and open it.
2. Click on file then click on new and select blank document.
3. Click on file and save document as 'ms_word'.

4.