

1) Computer memory is used to store data and instructions. It is like human brain. It is the storage space in computer where data is processed and stored. It not only store encode, store but also retrieve data when needed.

2) basic function of memory
→ encoding information: - The information stored in it is encoded and it is further used.
→ storing: - The memory stores the information and retrieve when needed.
→ retrieval: - When needed the data can be retrieved from the memory.

→ These functions of CPU
→ Control unit: - It controls the input which will be further sent and are worked on by system.

→ Arithmetic logical unit: - It solves the logical and ~~math~~ arithmetic commands.

→ input/output operations: - They provide ^{receive} input and output of the command given to them.

→ Characteristics of primary memory

→ it is usually volatile, in ~~cases~~ most of computers it is volatile.

The primary memory is also called as main memory.

- it is mandatory in computers
- if power is cut off, data saved in it is lost
- it is faster than secondary memory

4 - different steps in instruction cycle

