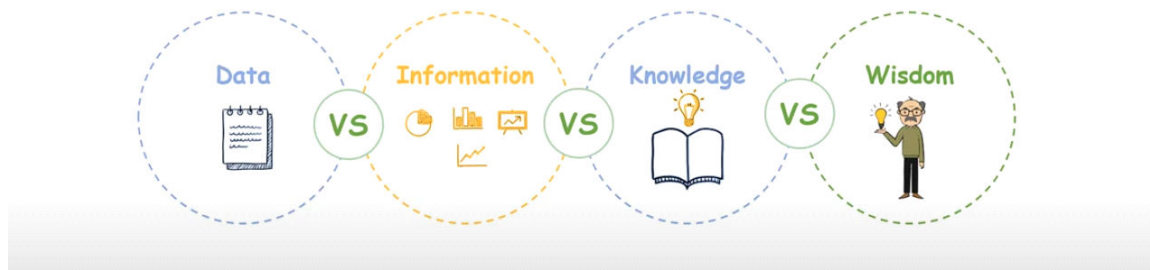
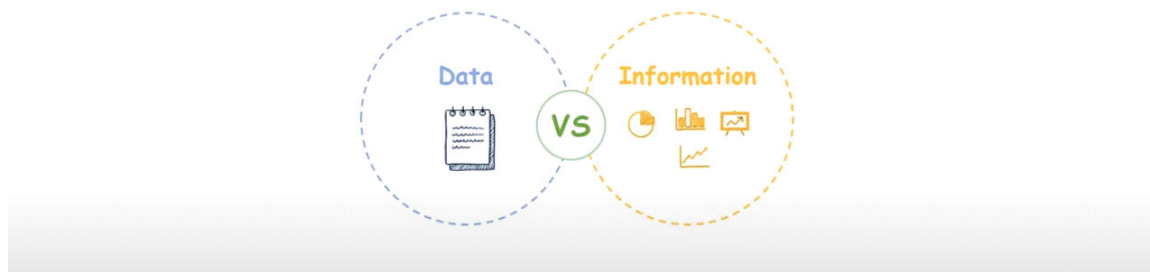


Lesson 1: The difference between data, information, knowledge, and wisdom

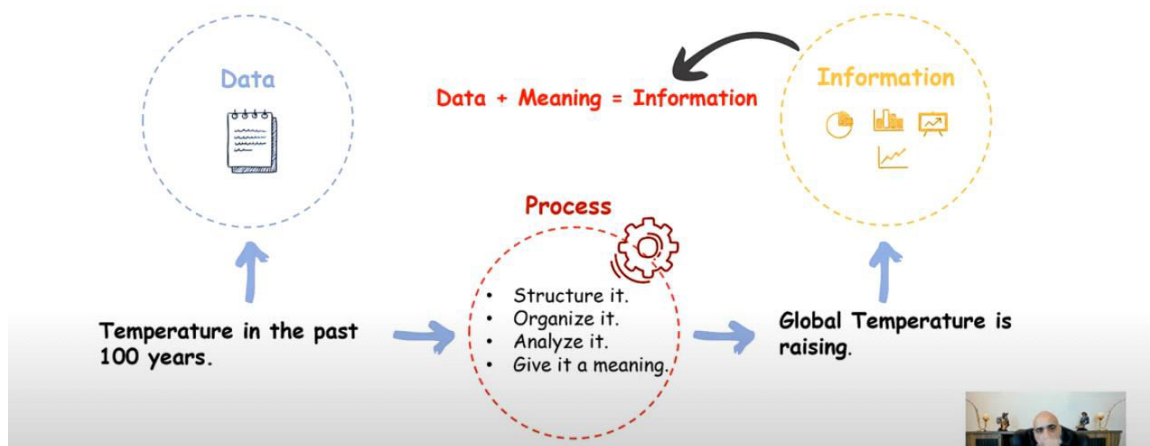
What is the difference between...



We will start with..

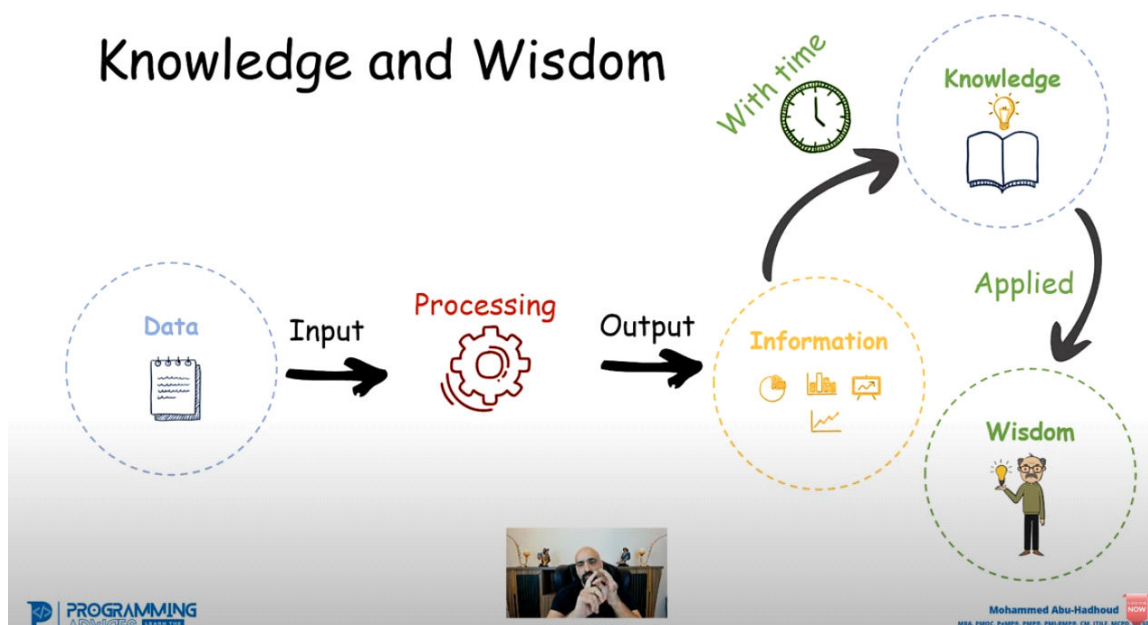


Example:





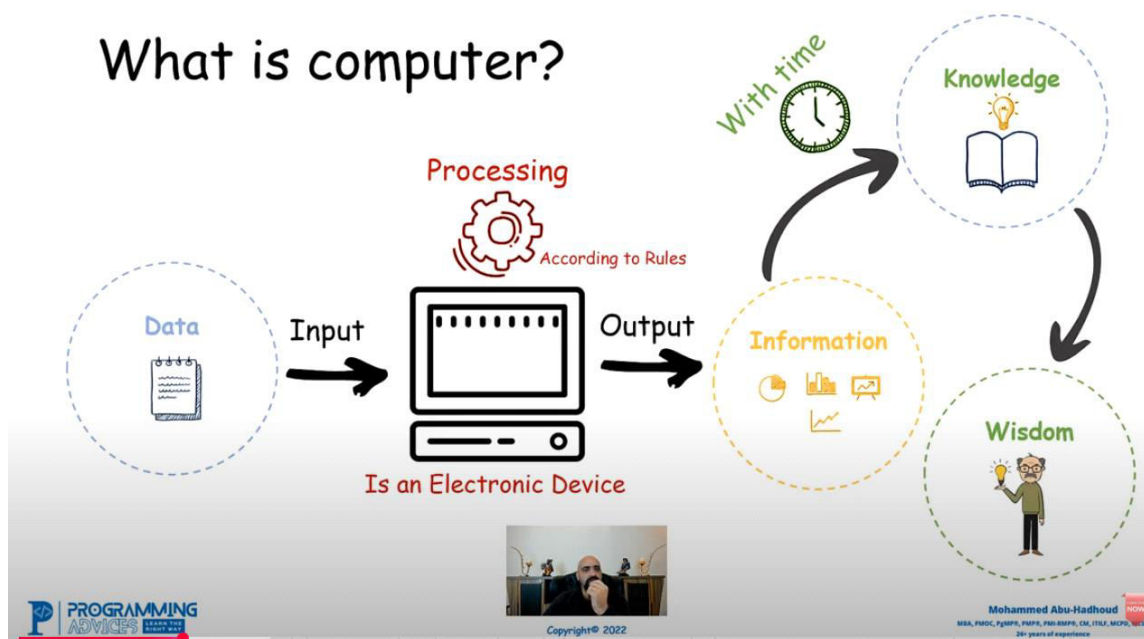
Knowledge and Wisdom





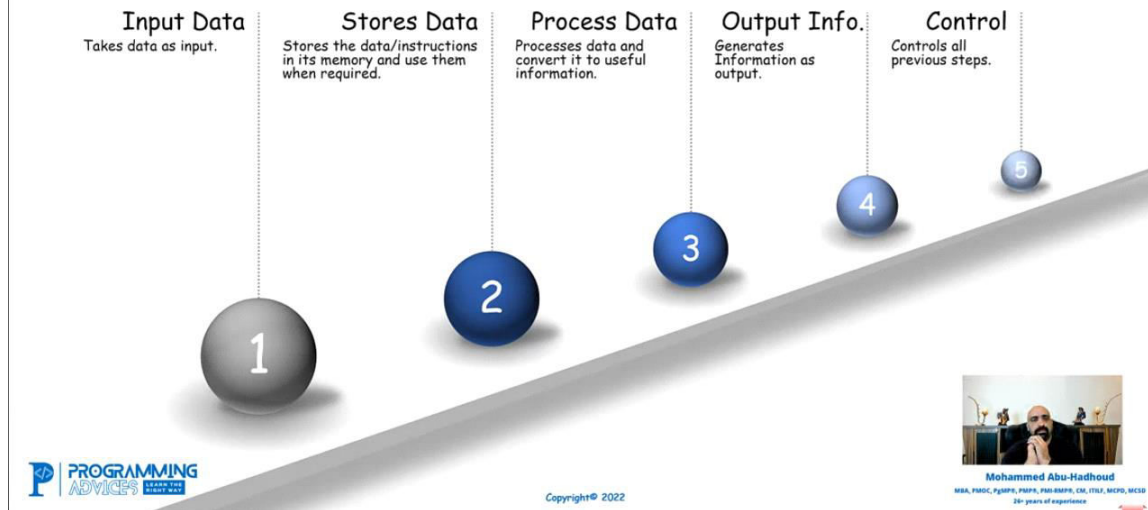
Lesson 2: What is a computer and what are its functions and components?

1 : what is a computer ?



2 : computer Functions

Functionalities of Computer



Computer is:

- Electronic Device.
- Operating under the control of instructions.
- Accepts Data (Input).
- Processes Data according to certain rules.
- Produces Information (Output).
- Stores information for future use.

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PROGRAMMING ADVICES

Mohammed Abu-Hadoud
MBA, PMSC, PgMP®, PfMP®, PPM-SDMP®, CSM, ITIL®, MCP®, MCSD
20+ years of experience

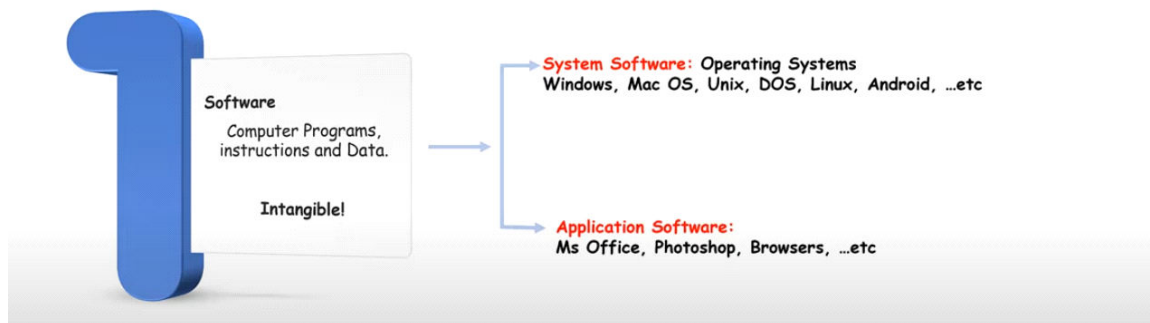
3 : computer components

Computer Components



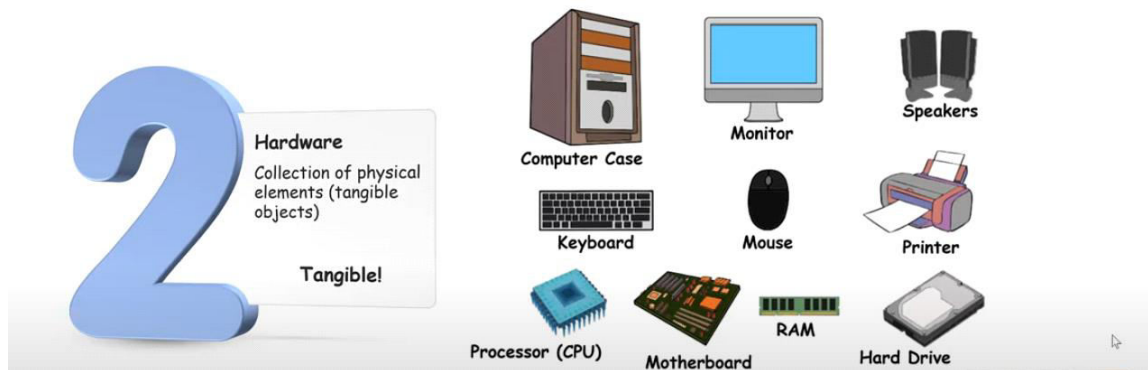
4 : computer software

Software



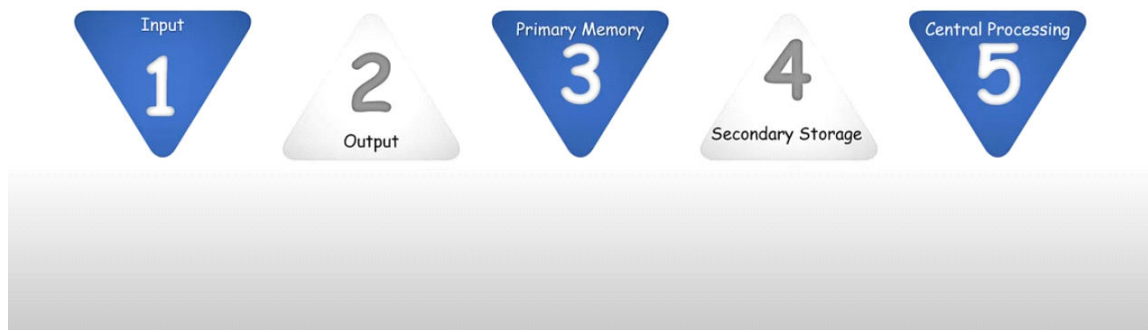
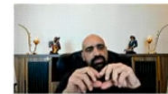
5 : computer Hardware

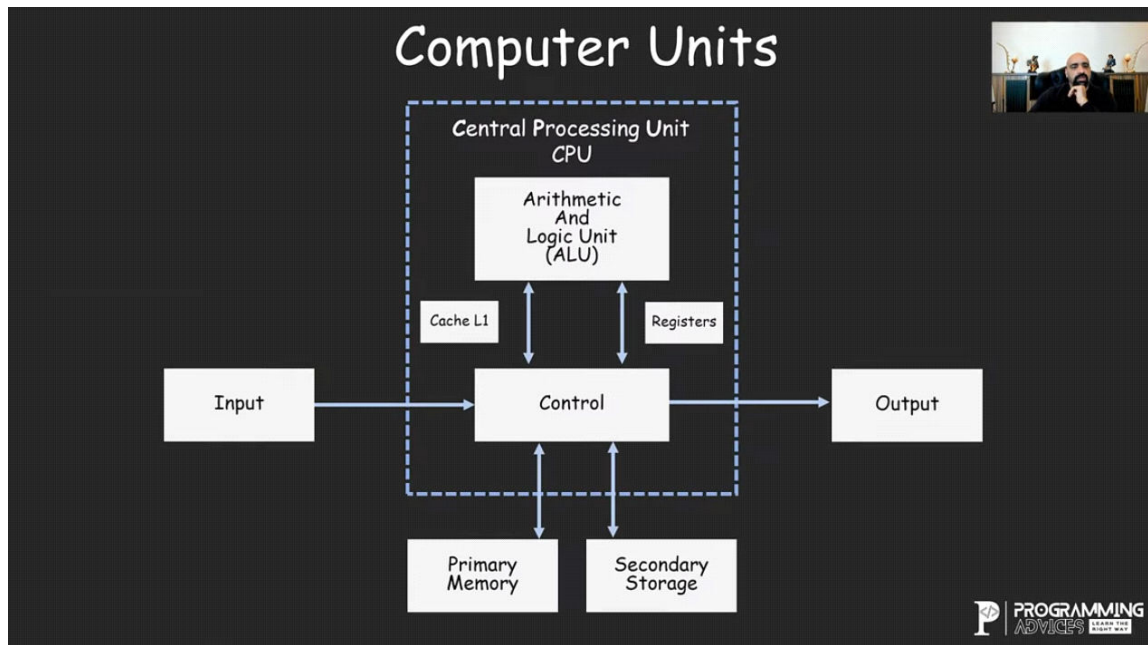
Hardware



6 : computer Units

Computer Units





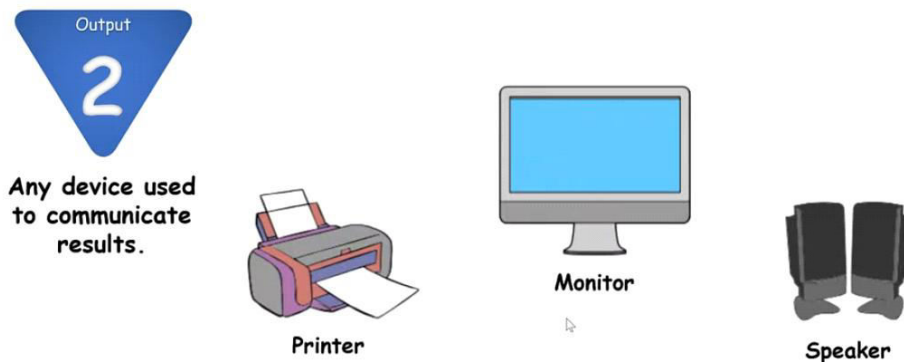
7 : Input Units

Computer Units - Input



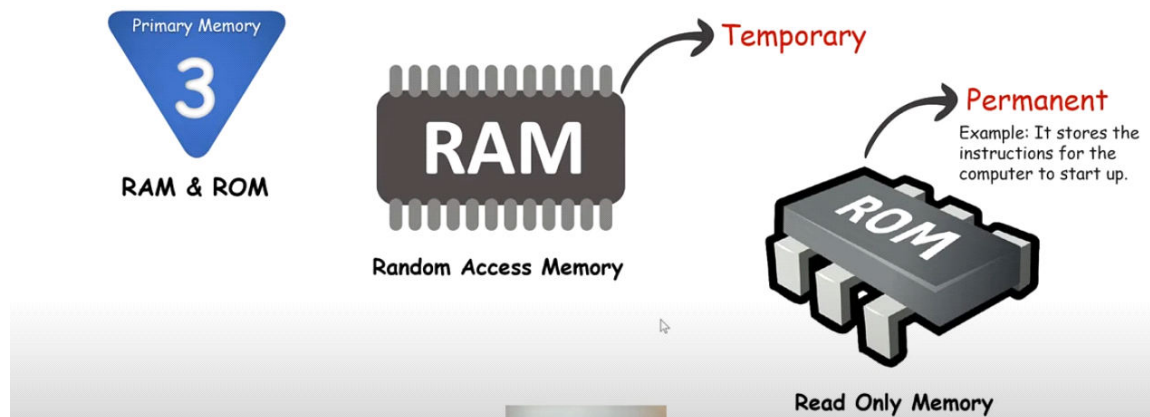
8 : output Units

Computer Units - Output



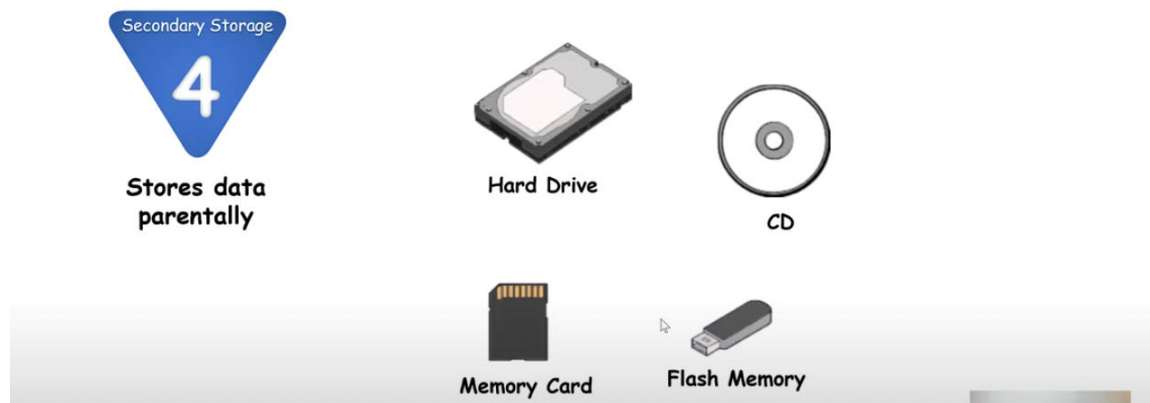
9 : Primary Memory Units : RAM vs ROM

Computer Units - Primary Memory



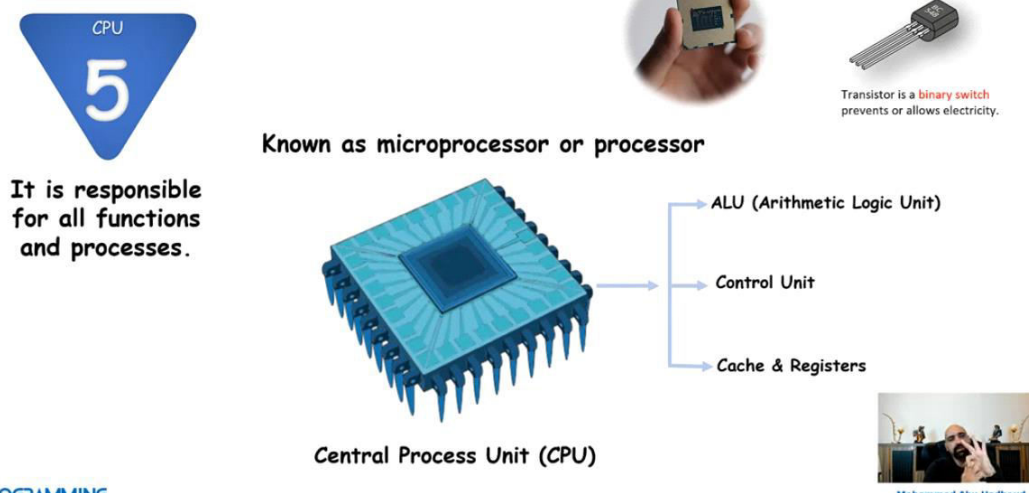
10 : secondary storage Units

Computer Units - Secondary Storage

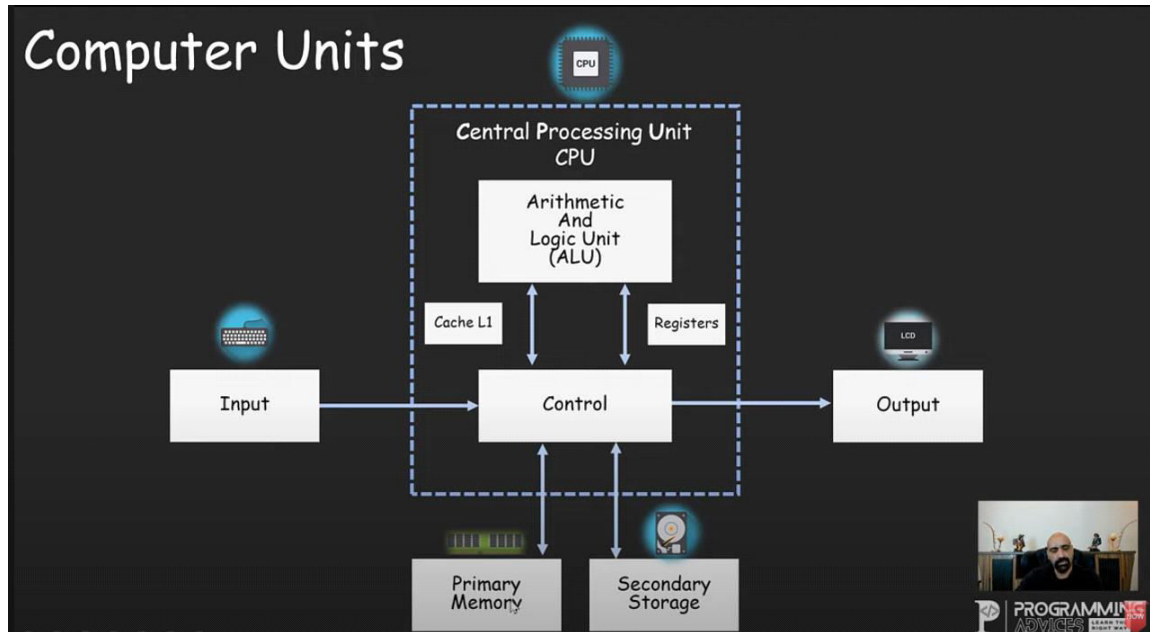


11 : CPU : central processing Unit

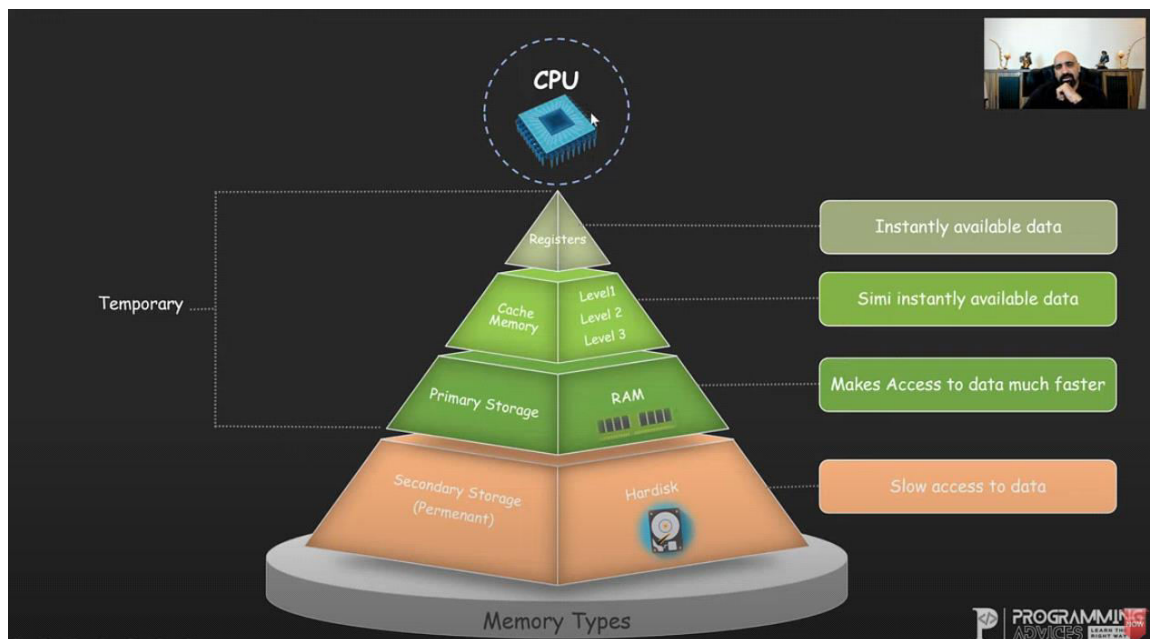
Computer Units - CPU



Computer Units



12 : Registers vs Cache vs RAM vs HDD



13 : GPU : Graphics Processing Unit

What is GPU?

- GPU stands for graphics processing unit.
- You'll also see GPUs commonly referred to as graphics cards or video cards!
- But **it is not graphic card, it's only one part of it.**

