MODULE 02 PART 2
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A. What is the main difference between computer organization and computer architecture?

- `Computer architecture deals with how hardware components are connected to form a computer system. Computer organizations deal with the structure and behavior of computer systems from the user's perspective. It acts as an interface between hardware and software.`

B. In simplest terms possible, define what a cache memory is.

- `a supplementary memory system that temporarily stores frequently used instructions and data for quicker processing by the central processing unit (CPU) of a computer.`

C. Differentiate between persistent and non-persistent storage.

- `Persistent Data: Data that is available after the application is completely shut down. This type of data should be stored in a general setup or database, internal or external memory. Non-persistent data: Data that is not available after the application is completely closed.`

D. What is the single, most important negative effect that might happen if computer manufacturers shorten the span of time between changes in computer architecture? (e.g., what if tomorrow, processor manufacturer decides to release a 128-bit processor chip?)

- `In my personal opinion, most of the programs and also the programmers will have difficulty adapting to new software or programs since the hardware specs are new and it may create new bugs.`

E. In terms of overall performance, what can immediately make an impact in improving a computer system's performance: A change in architecture or organization?

- `Organization, because it focuses on hardware and not software.`