

ASSIGNMENT #02

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PHYSICAL ADDRESS:

Physical address is a memory address that is represented in the form of a binary number on the address bus circuitry in order to enable data bus to access a particular storage cell of main memory.

LOGICAL ADDRESS:

Logical address is generated by CPU while it is running a program. The logical address is virtual address as it does not exist physically so it is also called as virtual address.

HOW LOGICAL ADDRESS MAPS WITH PHYSICAL ADDRESS?

When a logical address is generated by CPU, there is a corresponding physical address, which uses memory management unit for mapping logical address to its corresponding physical address. User can access logical address but not its physical address directly.