**UMT**

**Assignment#2**

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How Logical Address Map with Physical Address?

Address generated by CPU while a program is running is referred as Logical Address. The logical address is virtual as it does not exist physically. Hence, it is also called as Virtual Address.

Physical Address identifies a physical location in a memory. MMU (Memory-Management Unit) computes the physical address for the corresponding logical address. MMU also uses logical address computing physical address.

**The logical address is mapped to the physical address using a hardware called Memory-Management Unit.** The set of all physical addresses corresponding to the logical addresses in a Logical address space is called Physical Address Space.