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## Assignment # 2

Q) How logical address maps onto physical address

Ans) Logical address is generated by CPU which is also known as virtual address. This address is mapped to physical address in Memory by a hardware device known as Memory Management Unit (MMU). MMU will generate a base register, the value of base register is added to the logical address value to generate physical address on memory. This process is known as address binding.

It can be done in three ways:

- i) Compile Time
- ii) Load Time
- iii) Execution Time.