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| **Name:** | Muhammad Wasif |
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| **Assignment** | 2 |
| **Submitted to** | Muhammad Asad Arshed |
| **Question** | How Logical Address Map with Physical Address. |

**Ans:**

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| The Memory Management unit is used for the mapping of the logical address to the Physical address by its corresponding, which is hardware device. This Physical address identifies a physical location of required data in a memory. The user never directly deals with the Physical address but can access by its corresponding logical address. The run time mapping between Virtual address and Physical Address is done by a hardware device known as MMU. In memory management, the Operating System will handle the processes and move the processes between disk and memory for execution. It keeps track of available and used memory. CPU will generate logical address for 346. MMU will generate a relocation register means base register for 14000. In memory, the physical address is located and we add 346 and 14000 then it would be 14346. |