

Date: 3/27/2022

Name: Ahmad Shahbay

ID: F2019065220

Assignment #2

Logical Address:

Logical address is a virtual address created by CPU. It can be viewed by the user. The set of logical addresses in reference to a program is called logical address space.

Physical address:

It is within memory unit. It cannot be viewed by user directly and the set of physical addresses mapped to its corresponding logical addresses is called physical address space.

So the way it works is that CPU generates a logical address and corresponding to it, physical address is computed by using memory management unit. And that's how physical address is mapped to a logical address.