**Task#5**

There are many memory management techniques and below we will take a look at the most popular ones.

1. Memory segmentation is a (primary) computer memory storage method for separating the primary memory of a computer into segments or parts. In a computer system that uses segmentation, a memory location reference contains a value within that segment that defines a segment and an offset (memory location).
2. A basic memory allocation scheme, which needs no special hardware features, is Single Contiguous Memory Allocation. Typically, it is connected to minicomputers. Multiprogramming does not occur in this system. All of the memory available is dedicated to a single task.
3. Paged memory management - The system of Page Memory Control splits the primary memory of the device into fixed-size units known as page frames. ... The only distinction between the two is that segments have a variable length, while in the paging method, pages are always of the fixe-size.
4. Physical address is 85+7\*1024=7253

PMT table indicates that page#2 is on the frame 5, our job would be multiplication of size frame on the page-size and add the offset.

1. Physical address is not valid (invalid), the reason for this is that offset >frame-size.