Paging - Divide main memory into set of fixed size blocks called frames, and divide process into equal sized blocks called pages.
When process needs to run, orning. of process into frames of main memory.
Memory manager has to do following! - decide # of pages in a process - Have enough emframes in main memory - Load program's pages into empty frames.
- Efficient use of memory No external fragmentation Almost no internal fragmentation. - Can be loaded to frame that are non- contiguous

- Increased overhead

- Increased over - Increased - Increased,

- page table is used to map pages of each process to frames.
- Basically, for each page, it it has been already loaded to a frame, we keep track of the starting memory address of that frame.
- logical address idea, can be used here.
- Suppose, we have now bit logical address, first in bits can be used to keep track of page H. Next in bits can be used to keep track of the offset of the from the beginning of the page.
- CPV can decode this address by looking at the at the hirst n-bits, then looking at the page table and substitute frame address along with the off set.

Segmentation Divide process into logical segments.
Segmentation - Divide process into logical segments. - May vary in length. - There is a maximum length. - There is a maximum a parts.
- There is a market a parts. - l'ogical address contain a parts. - segment #
1. offset
- Similar to lynamic fragmentation.
- Usually virible to programmar/compiler Segment Public for each process.
All
- Address (Fransier) - Segment # -> starting physical address of the segment Add. is
- Displacement offset -7 offset + storotions Add. is compared against the length of seg.
- stort. Add + offsel is physical Add.