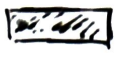


Ch. 7.1

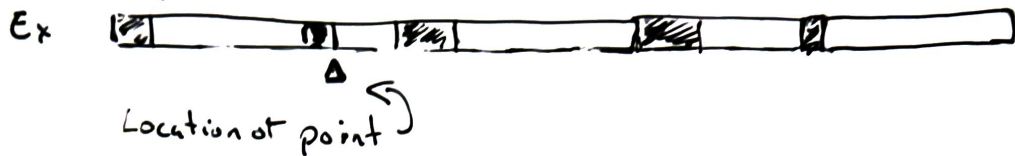
- Physical address is real address in physical memory
- logical address space is on abstract view
- Logical address is an address generated by the CPU
- Source module = source code
- Object module = machine language
- load module = execution
- relocation is the act of moving from one address space to another
- Static relocation = bind before execution
- Dynamic relocation = bind when needed

Free space

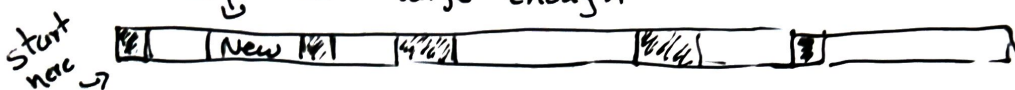
3 units

Ex  memory need at allocation

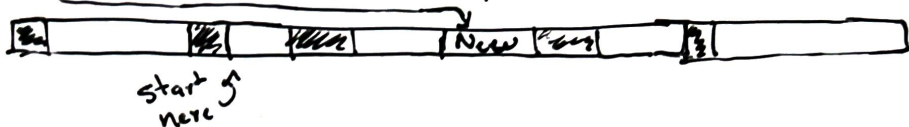
Example of list



First-fit - starts at beginning & allocates the first hole large enough



Next-fit - start at the last point of allocation



Best-fit - searches the whole list to find the smallest hole large enough to accommodate the request



Worst-fit - searches for the largest hole

