CSE 3320 notes 11.4.2019

1. There are a group of processors arriving ot be run on a 4-core CPU with 16 MB of memory if there is a core available and memory to place the process each will run otherwise wait:

   (Start Time, Run Time)

P1	0,4	4MB
P2	0,3	5MB
P3	0,6	6MB
P4	2,3	0
P5	3,6	2
P6	3,4	0

First fit, put

Best Fit

- First: Start at 0 and scan into the memory (big or small)
- Advantage of Worse fit: frag of memo left over, big enough to reuse
- Best Fit: closest available memory, smaller and smaller remaining holes

DLL: less space, automatically fix everything, update may mess up program, may not boot if update fail due to network

Accessingpage with 1 bit, 98% hit rate on avg

- 5ms if swap to bring pagein
- 2microsecond if ?
- Avg time = Hit (.88x 2x10^-6) or (+) Miss (0.02) x (5x10^-3)
    - Improving HR improves miss rate

Page Table: (2^12/256)

(Restroom Break)

Dynamic partiotion of 8,4,4 MB

FIFO: