Outline for May 2, 2022

Reading: *text*, §18–20   **Assignments:** Homework 2, due May 9

1. Announcements

2. Segmented paging
    (a) How it works
    (b) When it is used

3. Paged segmentation
    (a) How it works
    (b) When it is used

4. Virtual Memory
    (a) How it relates to physical memory
    (b) Overlyds
    (c) Dynamic loading
    (d) Demand paging

5. Handling page faults
    (a) Handling page faults
    (b) Effective memory access time
    (c) Dirty bit

6. Page replacement algorithms
    (a) Reference string
    (b) First in, first out (FIFO)
    (c) Belady's anomaly
    (d) Optimal (OPT, MIN)
    (e) Least recently used (LRU)
    (f) Stack algorithms