

Lecture 16: May 30, 2024

Reading: *C Notes text*, §22.7

Assignments: Homework 4, due June 6;
Extra Credit 3, due June 6

1. `void qsort(void base, size_t num, size_t size, int (*cmp)(const void *, const void *))`
[*qsort1.c, qsort2.c, qsort3.c, qsort4.c*]
2. System calls, C, and Linux [*catsys.c*]
 - (a) File pointers and descriptors
 - (b) Opening a file
 - (c) File permissions and `umask`
 - (d) Creating a file
 - (e) Reading, writing, and seeking
 - (f) File status [*stat.c*]
 - (g) Closing a file
 - (h) Deleting a file
3. Environment Variables [*preenv.c*]
4. Review of recursion