

Outline for April 30, 2025

Reading: zyBooks text §7.1–7.4, 8.3 8.6, 8.7

Due: Homework #2, due April 30, 2024

1. Review for midterm
2. Dynamic memory allocation
 - (a) `sizeof` keyword [*memoops.c*]
 - (b) Library functions *malloc*, *realloc*, *calloc*, *free* [*dyngets.c*, *mcat.c*]
 - (c) Example: change *sort.c* to handle any number of numbers [*usort1.c*, *usort15.c*]
3. Structures
 - (a) What they are; how to reference fields
 - (b) Linked lists [*linked.c*]
 - (c) Structures and multiple arrays [*planets1.c*, *planets2.c*, *planets3.c*, *planets4.c*]