

Outline for May 7, 2025

Reading: zyBooks text §7.1–7.4, 8

Due: Homework #3, due May 14, 2025

1. 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*]
2. Internal representation of data
 - (a) Union *union.c, union2.c*
 - (b) Conversion among hexadecimal, binary, and decimal
 - (c) Bit operations: & (ampersand), | (vertical bar), ^ (carat), ~ (tilde)
 - (d) Extracting bits [*bits1.c, bits2.c, bits3.c, bits4.c*]
3. Recursion and Memos [*fibrec.c, fibmemo.c*]