Lecture 18: May 15, 2023

Reading: *zyBooks text*, §2.21, 5.8, 10.4   **Assignments:** Homework 3 and Extra Credit 3, due May 25

1. Announcements
   (a) We haven't graded the midterms yet

2. Static debugging
   (a) How to narrow down where the problem is using $printf$ [*sample1.c*, *sample2.c*]
   (b) Handle multiple bugs [*sample3.c*]

3. Dynamic debugging with *gdb* [*sample1.c*, *sample2.c*, *sample3.c*, *nfact2.c*]
   (a) Bringing a program into *gdb*
   (b) Breakpoints, conditions, commands
   (c) Stepping through it
   (d) Printing values
   (e) Watchpoints