

Outline for April 21, 2025

Reading: zyBooks text §10, 11.6, 12.3

Due: Homework #2, due April 30, 2024

1. More examples on recursion
 - (a) String length [*rstrlen.c*]
 - (b) Selection sort [*sort.c*]
 - (c) Ackermann's function [*ack.c*]
 - (d) Fibonacci numbers [*fibrec.c*]
2. Indirect recursion [*pr1ton.c*]
3. Command line options
 - (a) *getopt* [*getopt.c*]
4. Comma operator
5. Converting strings to numbers
 - (a) *atoi*, *atof* [*conv1.c*]
 - (b) *strtol*, *strtod*, *strtod* [*conv2.c*]
6. Converting numbers to strings
 - (a) *sprintf*