Outline for April 25, 2025

Reading: *zyBooks text* §9.1, 9.4; *handout* Writing a Program   **Due:** Homework #2, due April 30, 2024

1. Reading/writing/appending files
    (a) Reading, writing text files [*printfile1.c*, *printfile2.c*, *printfile3.c*, *printfile4.c*, *printfile5.c*]
    (b) Other useful file functions
    (c) Reading, writing binary files [*scopy.c*, *sbcopy.c*]
2. Writing a Program [*make_change.c*]
    (a) Step 1. Goal and general algorithm
    (b) Step 2. Data representation and program structure
    (c) Step 3. Translate these into C statements
    (d) Step 4. Turn this into a program
    (e) Step 5. Add error checking
    (f) Step 6. User interface
    (g) Other enhancements