
Outline for April 12, 2002

Handouts: More Sample C Programs

Reading: Johnsonbaugh & Kalin pp. 230–237, 305–329

1. Greetings and felicitations!
 - a. Homework 2 to be handed out on Monday, will be due on April 29
2. copy1.c
 - a. strings (NUL-terminated arrays)
 - b. printing strings
3. copy2.c
 - a. definition of pointer; address of variables (&), dereferencing of pointer (*)
 - b. how it is used
 - c. pointer arithmetic (in the printf)
4. swaps.c
 - a. pointers and parameter lists
 - b. pointers and var paramaters
5. paa.c
 - a. str1copy: condition on for, explicit comparison
 - b. str1copy: condition on for, implicit comparison
 - c. str3cpy: condition on for, implicit comparison from assignment
 - d. str4cpy: pure pointers
6. fileio.c
 - a. like program 5 from first handout, but driven by files not standard input
 - b. show technique for developing this (program becomes function, add file I/O driver)
 - c. go through file manipulation functions