
Outline for April 3, 2002

Handouts: Sample Basic C Programs

Reading: Johnsonbaugh & Kalin pp. 31–63

1. Greetings and felicitations!
2. fahr1.c
 - a. program (main, return or exit for main)
 - b. declarations (int, register int)
 - c. body (while, functions; printf)
3. Basic operators
 - a. arithmetic: +, -, *, /, %
 - b. % defined so that $n \% p = r$ implies $n = a * p + r$ for some a
 - c. $5 \% -2$ can be 1 ($5 = -2 * 3 + 1$) or -1 ($5 = -2 * 2 + -1$)
4. fahr2.c
 - a. macros
 - b. include <stdio.h>