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Comp Sci Assignment 1

1. 2.7 (p. 33) Which of the following are keywords in C?

(a) for (b) If (c) main (d) printf (e) while

For, if and while are keywords and main and printf are functions.

2. 2.10 (p. 34) In the dweight.c program (Section 2.4), which spaces are essential?

The spaces that are essential are:

* The spaces that you want to show up in your output (inside the quotations of the print f call)
* The spaces between the data type and the first variable
* The space after the return statement

5. 3.1 (p. 49) What output do the following calls of printf produce?

(a) printf("%6d,%4d", 86, 1040); - 86,1040

(b) printf("%12.5e", 30.253); - 3.0253e+01

(c) printf("%.4f", 83.162); - 83.1620

(d) printf("%-6.2g", .0000009979); - 1e-6