

*Computer Science: A Structured Programming Approach Using C. Second Edition.*

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This document contains errata for the book. Status in the table below indicates the print run that contains the correction: 0 indicates that the problem has been reported but not yet corrected, 2 indicates that the errata was corrected in the second printing, and so forth..

Status	Page	Subject	Correction
0	66	Problem 39	MS Visual C/C++ does not load the floating point I/O unless it finds a floating point definition. When the program runs, it crashes with a system message. To prevent the problem, change the variable definitions to float.
0	137	Figure 4-14	Add semicolon at end of first statement: <code>fun(a);</code>
0	139	Figure 4-15	(1) Change name and add semicolon to prototype statement: <code>void fun(int *x);</code> (2) Add semicolon at end of first statement: <code>fun(&amp;a);</code>
2	145	Figure 4-20	Move plus after ellipse next to infinity symbol in both parts of the figure.
0	151	Figure 4-23	In main, change third variable definition to <code>float y</code> (not <code>c</code> ).
2	171	Problem 45, Algorithm 4-2	Change lines 8 and 10 to read: 8 Display ceiling of product. 10 Display number raised to power 5.
2	256	Program 6-14	Add closing parenthesis before semicolon in <code>printf</code> at statement 14.
2	298	Project 56	Calculation for first day of year should add 1 before taking modulo. Replace <code>((...) % 7) + 1</code> with <code>((...) + 1) % 7</code>
0	356	Figure 8-7(a)	Right Column: remove 'n' from initialization of <code>lotsOfNumbers</code> . <code>int lotsOfNumbers[1000] = {0};</code>
0	474	Figure 10-4	Definition of <code>p</code> should be pointer, as: <code>int *p;</code>
0	626	Program 12-9	This program works only in Big-Endian hardware (see page 625).
2	672	Program 13-4	At statement 22 add: <code>fseek(fp1, 0, 2);</code> For more information on this, see the one program download "read.me" file for Chapter 13
2	676	Program 13-5	Line 72, delete the dereference (*) so it reads: <code>if(ioResult).</code>
0	872	Exercise 29	The answers are mislabeled. Change answers b to d, c to b, e to d, and c to e. Then change the new answer c as shown below: a. <code>num[2]</code> b. <code>num[i + j]</code> c. <code>num[0] + num[num[1]]</code> d. <code>num[j]</code> e. <code>num[i] + num[j]</code>

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0	873	Exercise 33	Exchange answers to b and d so that b becomes d and d becomes b.