

*Computer Science: A Structured Programming Approach Using C++*

Behrouz A. Forouzan and Richard F. Gilberg

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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, 3 the third printing, and so forth. Status entries marked 2/e will be corrected with the next revision of the text.

Status	Page	Subject	Correction
2		Inside Front Cover	Change operators for Assignment (Precedence 2) Change <code>→</code> to <code>→=</code> ; change <code>%-</code> to <code>%=</code>
0		<b>Inside Front Cover</b>	Aritary of Array index, Indirect member access, Direct member access, and Postfix member access (all Precedence 16) should be 'U' (Not 'B')
2	67	Exercises	Exercise 1: Insert single quote at end of 1b so that it reads 'bb'
2	99	Program 3-8	Line 2, change 3 quizzes to 4 quizzes so that it reads “with <b>4</b> quizzes...”
0	<b>121</b>	<b>Figure 4-10</b>	First line of program, open parenthesis should be open pointed bracket: <code>#include &lt;iostream.h&gt;</code>
2	153	Figure 4-26	Add connecting line to second subfunction (SDI)
0	163	Project 27	Change line 'g' to Display <b>ceiling of</b> product. Change line 'h' to Display number raised to power <b>5</b> .
0	<b>170</b>	<b>De Morgan's Rule</b>	Replace “Consider... below.” just above expressions with: “When the original expression is complex—that is, when it contains both <i>and</i> and <i>or</i> expressions—the implied evaluation precedence requires that parentheses be added around the original <i>and</i> expressions as shown in the following example.” Add parentheses around first and last or expressions in the converted expression as follows: <code>(!x    !y)...(!t    u)</code>
0	<b>217</b>	<b>Project 29</b>	Add large open parenthesis at beginning of formula to calculate Dec. 31.
0	<b>284</b>	<b>Project 33</b>	Add opening parenthesis at beginning of formula to calculate Jan 1. <code>(( ((year - 1) * 365) ...</code>
0	<b>285</b>	<b>Project 34</b>	Line 3: Add “rounded to two decimals” at end of MP line.
0	<b>286</b>	<b>Project 36</b>	The required output will not fit in 20 rows. Change last line to delete “of” and “by 20 rows” so it reads: is to fit... monitor display of 80 columns.
2	366	Text	First blue box: change variable values to scores in second line: <code>scores[i] = (i * 2) + 1</code>
2	341	Text	Second line above Figure 8-11, change constant to const so that it reads: “ing it as a constant. We do this... modifier, <b>const</b> , in the function”
2	358	Figure 8-23	Add missing lines from index to arrow head (see Figure 8-24 for format).
2	364	Figure 8-27	Renumber first and second dimensions to start from zero.

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Status	Page	Subject	Correction
2	450	Pointers and Arrays	First sentence: delete two so that it reads: “When you combine pointers...”
2	476	Figure 10-4	In “page” icon, fieldName numbers should not be subscripts; “n” in last entry should be uppercase: <b>fieldNameN</b>
<b>0</b>	<b>760</b>	<b>Figure C-16</b>	Change text in termination from END to <b>STOP</b>