**Big C++**

**Bug Report Page**

Page 59

Change ln(x) to loge(x) and lg(x) to log10(x)

Page 62

Change −7 + 4 − 4 = 1 to −7 + 4 + 4 = 1.

Page 69

Change "the pow and root functions must be used" to "the pow and sqrt functions must be used"

Page 76

In Exercise 2.18, change “if |*x*| > 0” to “if *x* > 0” and “if |*x*| < 0” to “if *x* < 0”.

Page 78

Below the line #include <iostream>, add a line #include <cmath>

Page 125

In Common Error 4.2, add absolute value | | around *x* - *y* in the second equation.

Page 164

Add a line  
#include <cmath>  
at the top of approx.cpp

Page 202

Change

jul = jul + 1 + jalpha - 0.25 \* jalpha;

to

jul = jul + 1 + jalpha - (int)(0.25 \* jalpha);

Page 229

Change

void Employee::set\_salary(double new\_salary) const

to

void Employee::set\_salary(double new\_salary)

Page 242

Change

void remove\_message(int i) const;

to

void remove\_message(int i);

Page 266 Common Error 7.3

Change "To make the semicolon really stand out, place it on a line by itself, as in the first example." to "You can avoid this error by using an empty block { } instead of an empty statement." (The old advice was correct, but the replacement is an improvement. Thanks to Michael Beeson for pointing this out.)

Page 324

Change "There is no C++ standard library function to compute the arc sine. For" to "The standard library function asin computes the arc sine. However, for".

Page 429 Exercise R11.7

Change B::B() to B::B() { }

Page 608

Change

double x = 2.5 \* a; // Should convert fraction to double

to

double x = c.toDouble(); // implicit operator double() can cause overload ambiguities

Page 609

Change line 58 to double toDouble() const;

Page 613

Change line 159 to double Fraction::toDouble() const

Page 644

In Exercise P17.7, change "addition, subtraction, comparison" to "addition, subtraction, **multiplication**".

Page 645

In Exercise P17.13, change price to price**s** (2x).

Page 828

Change "Has performed only 29 assignments" to "Has performed only 27 assignments". In Table 2, change the entries in row 4 column 4 from 3 to 2, and in row 5 column 4 from 2 to 1. That is, column 4 should be changed from 1 3 4 1 5 1 1 1 9 1 1 1 to 1 **2 3** 1 5 1 1 1 9 1 1 1

Page 863

In Exercise P23.2, change "the same analysis for 25 operations" to "the same analysis for **12** operations"

Page 974

In Exercise P26.6, remove the sentence "Set the buffer in the constructor, using the rdbuf(streambuf\*) function."

Page 974

In Exercise P26.10, change "Common Error 26.1 outlines a sorter..." to "Common Error 26.**2** outlines a sorter..."

Page 979 and all sample programs in Ch. 26

With newer versions of wxWidgets, the frame should never be initialized in the constructor. It should always be initialized in OnInit:

bool BasicApp::OnInit()

{

**frame = new wxFrame(NULL, -1, "My First GUI Program");**

frame->Show(true);

return true;

}

Page 1082

In the entry for *Infinity*, change "mantissa = 0" to "mantissa = ±0". In the entry for *NaN*, change "mantissa ≠ 10...0" to "mantissa ≠ ±0"

Thanks to Love Angel, David Ardia, Mehmet Canayaz, David L. Clark, Jason James, John Christopher Jones, Veit Hailperin, Michael Jepson, Bill Stockwell, Jørgen Villadsen, and (your name might go here) for their help!

**Bug Report Form**

Please use this form to report any bugs that you find. Unfortunately, I do not have the time to respond personally to every report, but I do read them all and will post updates to this page. Thank you!

Top of Form



Your name:  
  
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Edition:  
  
Page number:  


Problem description:  


To protect against spam robots, please answer this simple math problem:  
\* = 



Bottom of Form