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# C++: The Ultimate Beginner's Guide!



## Synopsis

C++... Master It Today! This book is written for people who want to learn the basics of the C++ programming language. If you are looking for a comprehensive book that will teach you everything you need to know about C++, this just might be what you're looking for. By reading this book, you'll learn the basics of C++. You'll discover the ideas, concepts, techniques, and methods used by expert C++ programmers. For example, this book will discuss variables, strings, functions, and data structures. That means you'll be able to write programs using the C++ language after reading this material.

## Book Information

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## Customer Reviews

I honestly have no idea how this book has such a high rating, especially considering it has over 150 reviews. For one the book is written in an extremely pretentious, non-beginner friendly manner. Much of the time explanations of programming syntax, data types, structure etc... are given using program language definitions and/or concepts which have yet to be explained. This makes for an extremely difficult read, often times I would have to google terms and C++ programming concepts just to understand a simple paragraph. The explanations on top of this are not thorough, they're extremely brief which isn't always a bad thing, but if you are a beginner oftentimes concepts need to be explicitly demonstrated, not simply skimmed over to permanently implant the information in your head. The information in the book is not linear and accumulative in its teaching style. There are few practical examples of the concepts being explained, and when they are, the code examples are

poor and include too much unnecessary code which makes it hard for the example's important aspects to be the focal point. I would not recommend this book to anyone trying to learn C++, this book if anything is more for someone who has already learned the language and just needs a refresher course. Please do yourself a favor, if you are not already a professional programmer, don't buy this book and instead use the endless amount of free C++ tutorials on the web which are far superior to any of the information contained in the book.

I've been a programmer since 2002, and my background is mainly in PHP. In reading this book, it's completely geared towards new PROGRAMMERS, not new \*C++\* developers.

Pros: 1. If you're completely new to programming, it'll teach you the very basic concepts of programming. 2. If you want an extremely high overview of the language just to get your feet wet, then you might find it interesting.

Cons: 1. It only has scraps of information, and I had to look up what the author meant by certain topics. [restricted, volatile] 2. There is lots of information on things that are bad practice, for example "goto" and [in most cases] "switch." 3. The author made the remark that, "some programmers refer to functions as methods, procedures, or sub-routines. [page 67]" However, a method is not just a function; a method is a function \*\*which is a part of a class or object\*\*. The fact that he never clarified the difference leaves his credibility on the line. [See: [...] (computer\_programming)]

4. Some topics, such as casting are never fully discussed, nor are they documented in how to cast. 5. The author explains \*what\* you can do in C++, rarely explains \*how\* to do it, and never explains the benefits or drawbacks of the techniques described where it relates to code efficiency. 6. Sometimes he has a critical type, such as on page 26 where the same code is copy and pasted twice. Also, on page 72, he forgot the "s" in "parameters," thus insinuating that only the last one parameter may have a default value, while in reality, all parameters may have them, yet it only makes sense to add a default value to the last parameters [with an "s"]. He never says why, but it's obvious when you try to utilize the function or method. The last sentence of the chapter states that the return value influences whether or not a default parameter value is utilized. The list goes on.

Very informative and easy to understand C++ course programming. This book has everything which i want and everything is explained very well. The book explained in a very easy way and gives all the basic information you need to know to start programming with further deeper explanations of how does it work and what you can do. It takes a very basic approach, which is helpful for me as a beginner. I have really enjoyed learning the basics of programming from this book.

This is not a good book to get anyone started with C++. It might have the bare bones basics but the obvious errors I've encountered in the first half of the book leave me wondering if the author ever read his own work. Page 31 tells you "if you will compile and execute the code above you'll get the result: 50". The problem is that "the code above" is nothing more than a few `#define` statements - no executable code, no `main()`. Page 29 tells you that "065" is an invalid integer constant because you cannot repeat any suffix. So when did "5" become a suffix? He tells you, incorrectly, that "o" (small letter 'o') is the prefix for an octal integer than, correctly, uses a 0 (zero) in the example. It's only 77 pages long from Chapter 1 to the end so I'll finish it but this book does not have much value from what I've read so far.

Perfect guide for beginners! This book is educational, reader friendly and useful. A comprehensive book for C++ programming language. Everything you need to know about C++ programming are briefly discussed in this book. The illustrations that are included in this book are pretty helpful.

I am glad that I found this nice and valuable book. I actually appreciate your well explained details. Learning a programming language is a wonderful way to improve your knowledge and build yourself additional marketable. Your book may be a definite motivation as I am new in programming and I am falling loving with it. I've recently started learning C++ that is fun even if sometimes it quite makes me want I have an endless way to go but after reading the book it made me think I can get there which I will. The book is written in clear, straightforward language that creates it straightforward to browse and perceive. The book provides simple way to learn the fundamentals of programming. After reading this book, a complete beginner will then decide what it's that they need to try and do. This can be a decent book to own for anyone who needs to understand their computers more or find out about C programing. I like to recommend this book.

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