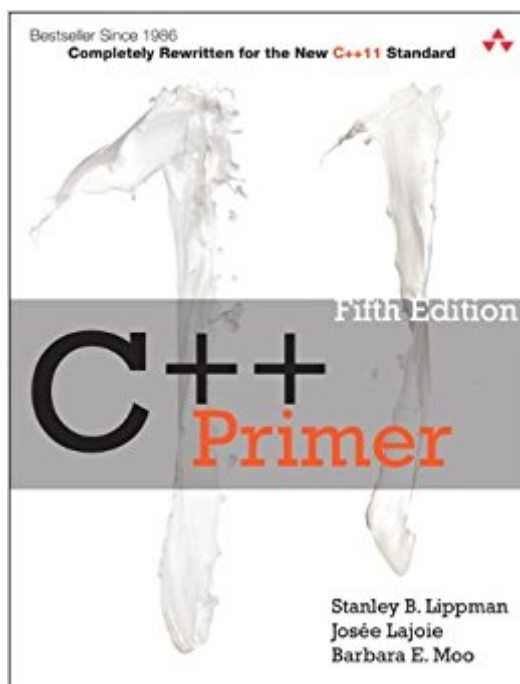


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# C++ Primer (5th Edition)



## Synopsis

Bestselling Programming Tutorial and Reference Completely Rewritten for the New C++11 Standard

Fully updated and recast for the newly released C++11 standard, this authoritative and comprehensive introduction to C++ will help you to learn the language fast, and to use it in modern, highly effective ways. Highlighting today's best practices, the authors show how to use both the core language and its standard library to write efficient, readable, and powerful code.

C++ Primer, Fifth Edition, introduces the C++ standard library from the outset, drawing on its common functions and facilities to help you write useful programs without first having to master every language detail. The book's many examples have been revised to use the new language features and demonstrate how to make the best use of them. This book is a proven tutorial for those new to C++, an authoritative discussion of core C++ concepts and techniques, and a valuable resource for experienced programmers, especially those eager to see C++11 enhancements illuminated.

Start Fast and Achieve More

Learn how to use the new C++11 language features and the standard library to build robust programs quickly, and get comfortable with high-level programming

Learn through examples that illuminate today's best coding styles and program design techniques

Understand the "rationale behind the rules": why C++11 works as it does

Use the extensive crossreferences to help you connect related concepts and insights

Benefit from up-to-date learning aids and exercises that emphasize key points, help you to avoid pitfalls, promote good practices, and reinforce what you've learned

Access the source code for the extended examples from [informit.com/title/0321714113](http://informit.com/title/0321714113)

C++ Primer, Fifth Edition, features an enhanced, layflat binding, which allows the book to stay open more easily when placed on a flat surface. This special binding method is notable by a small space inside the spine also increases durability.

## Book Information

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## Customer Reviews

Stanley B. Lippman has retired back to the Catalina Foothills where he is working on EEEK!, a computational model of the nervous system of the House Mouse, and An Off By One Error, a speculative novel set in the Northwestern Rain Forest. During his professional career, Stanley served as Distinguished Consultant for the Jet Propulsion Laboratory, Architect for the Visual C++ development group at Microsoft, member of technical staff at Bell Laboratories, two stints in Massive Multiplayer Online Gaming, and a surprisingly long stint in Feature Animation at Disney, DreamWorks, Pixar, and PDI. Stanley will be most remembered for his many years working with Dr. Stroustrup on the implementation of cfront, the standard implementation of C++ until the ISO standard. JosÃ© Lajoie, now at Pixar, was a member of IBM Canada's C/C++ compiler development team, and chaired the core language working group for the original ANSI/ISO C++ standardization committee. Barbara E. Moo has nearly thirty years of software experience. During her fifteen years at AT&T, she worked closely with C++ inventor Bjarne Stroustrup and managed the C++ development team for several years.

Great price for a textbook. Our professor has us buy this over a \$200 textbook because it will be a good reference in the future, beyond our introductory C++ class. The price is amazing and the book comes with high praise from an experienced professor.

The book is not for beginners. You will appreciate precise and accurate description of C++'s important concepts by the authors after you have accumulated a certain amount of basic knowledge of the language. I used the book along with Stroustrup's C++ Programming classic as a reference to my Data Structures course. While reading the book I realize even my instructor is misusing declaration and definition of variables intermittently and confuses the difference between copy and assignment. I find it extremely makes sense for a long-term C-language programmer how the book teaches to avert and stick to modern C++ programming style. Indeed you will appreciate why C++ is strongly typed language and its beauty. Thanks for the authors!

It was here really fast. As far as content, it's been helpful. I haven't finished reading it yet but the first few chapters are very detailed and have pretty helpful margin icons(C++11 implementation, pay attention to this, this part can be tricky, etc.). I've read a couple of other books and online tutorials on the language and this one explains it the best I think. It starts talking about class objects by the end of chapter one, so you may want to have a little programming experience beforehand if not C++ experience.

A good tutorial and reference book. I'm learning C++ for a second time, many years apart, and this was good to give me a jumpstart and get me going.

Fantastic book. I teach Introduction to Programming in C++ at a Junior College and have recommended the book as an additional text for my students. In each case, my students have loved this text. They have purchased editions from the 3rd to the 6th.

a great book, an update to C++14 is needed

Highly recommended by a friend whom I consider to be the source on programming. I mainly use as reference and to get additional understanding on topics, but I am totally satisfied and am certain I will come back to this book again and again.

This is a great book for anyone who want to enhance his/her knowledge on C++, but this is by no means a primer book. If you are new to C++, read the book "C++ primer plus" first. It is so funny that the book "C++ primer plus" (which is also a great book) is really an introductory book. The names of these two books should be swapped because this book introduces more advanced topics and the topics that an experience programmer should know but a student does not need to. From my teaching experience in a state university, I would suggest students to read C++ books in the following order: C++ primer Plus C++ Primer Thinking in C++ (great book, free on the internet) The C++ Programming Language (by Stroustrup) Then you may want to read some books on special topics such as Visual C++, Database, etc.

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