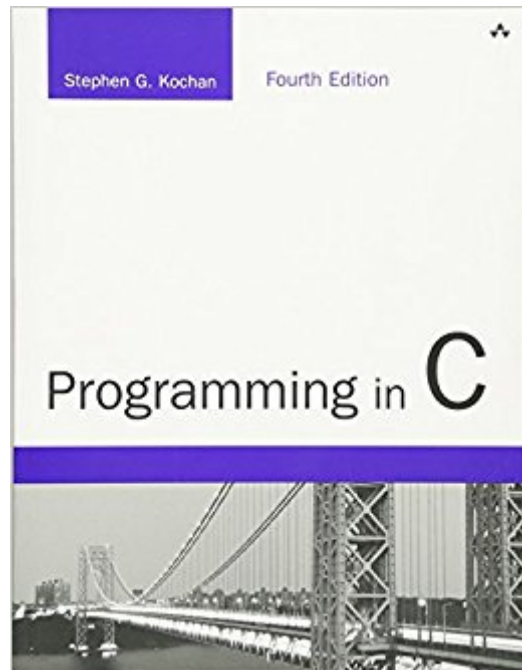




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# Programming In C (4th Edition) (Developer's Library)



## Synopsis

Programming in C will teach you how to write programs in the C programming language. Whether you're a novice or experienced programmer, this book will provide you with a clear understanding of this language, which is the foundation for many object-oriented programming languages such as C++, Objective-C, C#, and Java. This book teaches C by example, with complete C programs used to illustrate each new concept along the way. Stephen Kochan provides step-by-step explanations for all C functions. You will learn both the language fundamentals and good programming practices. Exercises at the end of each chapter make the book ideally suited for classroom use or for self-instruction. All the features of the C language are covered in this book, including the latest additions added with the C11 standard. Appendixes provide a detailed summary of the language and the standard C library, both organized for quick reference. Absolutely the best book for anyone starting out programming in C. This is an excellent introductory text with frequent examples and good text. [This is the book I used to learn C] it's a great book. •

â Vinit S. Carpenter, Learn C/C++ Today

## Book Information

Series: Developer's Library

Paperback: 552 pages

Publisher: Addison-Wesley Professional; 4 edition (August 28, 2014)

Language: English

ISBN-10: 0321776410

ISBN-13: 978-0321776419

Product Dimensions: 6.9 x 1.3 x 9 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 214 customer reviews

Best Sellers Rank: #17,972 in Books (See Top 100 in Books) #8 in Books > Computers & Technology > Programming > Languages & Tools > C & C++ > C #18 in Books > Textbooks > Computer Science > Software Design & Engineering #24 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Object-Oriented Design

## Customer Reviews

Stephen G. Kochan has been developing software with the C programming language for more than 30 years. He is the author of several best-selling titles on the C language, including Programming in C , Programming in Objective-C , and Topics in C Programming . He has also written extensively on

Unix and is the author or coauthor of Exploring the Unix System and Unix Shell Programming .

As a an old retired guy, I simply wanted to update my programming skills. I learned to program in Fortran while getting my ChemEng degree in what seems to be about a million years ago. What is so delightful about this book is that it is on my kindle and is very easy to read and understand. I am truly happy with it!

It is possible to learn C++ without knowing C but I think learning C first provides a better foundation and a wider latitude. The books available today for C provides a very acute and sharp understanding of systems compared to years ago. The first C++ book I read was an out of print edition of the C++ Bible. The title was Jamsa's C/C++ Programmer's Bible. It was a beige colored book from the late 1990's with a slight brown and white camouflage pattern. It was a thick book spanning about a thousand pages. After reading it, I decided to go with Microsoft Visual Basic until moving on to C# in 2001. Today's books on C the topic are much more streamlined and better written. About 2 years ago, I picked up the book, Programming in C. I was reading about the Allegro Programming Library but was doing so from the standpoint of a knowledge of C++. Allegro is in C, not in C++. While that is not an issue in using Allegro, if you have grown accustomed to the object oriented way of doing things, then reviewing a procedural based system might be conceptually less accessible. This book helped with that. The book is well structured, and if you want to understand the C programming language in a general sense, this is a perfect place to start. The C programming language is used to define most of Microsoft Windows, Apple OS X, and Linux. Regardless of what language you use, most of them have to link with the C run-time system directly or indirectly. A knowledge of C is invaluable in knowing some of the general parameters of computer software systems at a fundamental level. Another good book titled, "Understanding and Using C Pointers" is a great follow-on book to this.

I loved this book. It was clear, concise, fun, and challenging. In my opinion, it's for a beginner programmer. A more experienced programmer may be interested in dryer, more technical book. But this book provides very accessible introductions to many aspects of C while also remaining challenging and interesting. The chapter on pointers was exceptionally well done for what is, in my opinion, a difficult topic. I'm so glad I purchased this book and would absolutely recommend it. It's much more accessible than "A Book on C" by Al Kelley and Ira Pohl.

I decided to start learning c-programming as my first language. After going through several books I became frustrated until I came upon Programming in c (3rd edition). This book is great for beginners and contains practice questions at the end of each chapter. Any other programming that I do I will stick with this author as his explanations are second to none.

I wanted to learn C so that I could program microcontrollers. This is the book I chose after scouring almost every modern C book on the market. I looked at several books for about two months and was really discouraged from programming, because i had no faith in my text choices. They were either disorganized/scattered, too terse, or lacked a thorough linear approach that was presented with confidence. This book was truly a godsend for me. I went through the first two chapters and I was hooked immediately to the writing style, flow, coverage/explanations, examples, etc. It took me about two months to finish the entire book and all of the problems at the end of each chapter. All i had to do was read this book and do the problems. That simple. Why can't all books be like this!?----Even a dum dum like me can learn C, so can you!

There were a few typos and some old practices that my instructor did want us to use. Also did not have some practices that he did want us to use. The chapter on functions left me completely in the dark (not saying I'm good at this programming stuff, but I would not be able to learn it from this book.) It was like there was a big jump from chapter 7 to chapter 8 and some basic info was left out, because I just did not understand it. The new edition, 4th edition, is coming out, so schools may not be using this edition in the near future.

Jesse has done it again. In the style of his C++ books, Jesse has taken a complex topic and broken it down into easy to understand peices. The examples don't make you scratch your head and he builds upon principles as you go deeper into the text. I only wish the Windows and Web Forms chapters were a bit longer with even more examples. But they are large topics and could certainly have entire books dedicated to them. With that in mind, it would be great to see Jesse start a series and write a book about Developing Windows and Web Forms in C#. I'd buy it in an instant. :)

(disclaimer, I am only 25% of the way through this book). I purchased the text as a desktop reference and review for my class in microcontrollers (using C language). In this book, Kochan brings forth the foundational structures and theory of the C language, but ensures mastery with a plethora of worked examples, as well as plenty of examples for the user/ reader to code using an

online compiler. If I ever teach a C class, I will likely use this book.

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