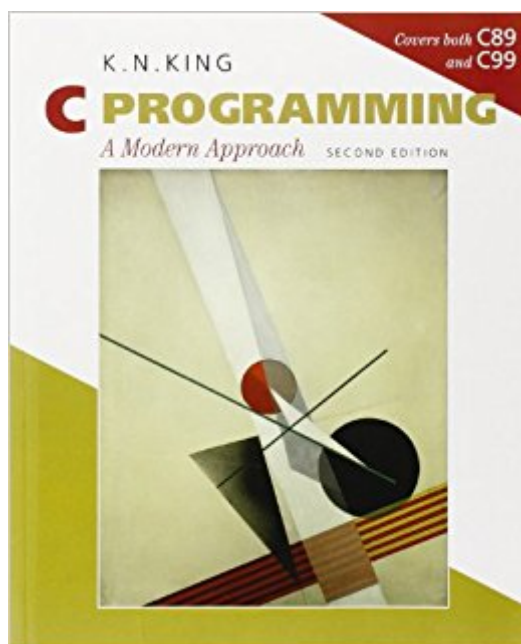


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# C Programming: A Modern Approach, 2nd Edition



## Synopsis

The first edition of C Programming: A Modern Approach was popular with students and faculty alike because of its clarity and comprehensiveness as well as its trademark Q&A sections. Professor King's spiral approach made it accessible to a broad range of readers, from beginners to more advanced students. With adoptions at over 225 colleges, the first edition was one of the leading C textbooks of the last ten years. The second edition maintains all the book's popular features and brings it up to date with coverage of the C99 standard. The new edition also adds a significant number of exercises and longer programming projects, and includes extensive revisions and updates.

## Book Information

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## Customer Reviews

K. N. King (Ph.D., University of California, Berkeley) is Associate Professor of Computer Science at Georgia State University. He is the author of *Modula-2: A Complete Guide* and *Java Programming: From the Beginning*.

After reading for several months, I think now I can say this is the "best" C language book I have ever read. I have purchased many books for different languages, but this book is probably the best books among them. It is hard to write a comprehensive and concise language book. However, the author somewhat manage to publish this beautiful book. The book title says the book itself. A modern approach to C and I really appreciate this book for helping me understand C language.

Mr. King explains C with specific callouts to C89 vs. C99, important idioms to be aware of, and answers to frequently asked questions, with greater attention to detail than any other book I've read on any programming language. If you want to really know C, this is your book. Read every chapter in succession, do every exercise and programming project, and you will be proficient in C. Truthfully, I did not take that approach, as my goal was to establish a foundational understanding of C in order to pursue Objective-C programming. So I read the book nearly cover to cover, did most of the exercises and programming projects early on and just read the text in later chapters, and skipped what I knew would not be applicable to my Objective-C pursuits, and I walked away with a solid foundation in C. If your goal is to develop in C or any variant such as Objective-C, C++, etc., I would highly recommend starting with this book, and in the case of Objective-C, continuing with Robert Clair's *Learning Objective-C 2.0: A Hands-On Guide to Objective-C for Mac and iOS Developers*.

This is one of the best programming language books I have ever had the pleasure of reading. This is about as close as it gets to having a tutor by your side. The sections of questions and answers are invaluable.

C Programming: A Modern Approach, 2nd Edition is a good starting point for someone familiar with another programming language and comfortable figuring out how to find an IDE or compile their own code. The book doesn't hold your hand but does provide a good depth of knowledge, clear examples, and challenging problems at the end of every chapter. Since I am using this book as self study I found that only having the answers to select problems was my biggest complaint about the book. However this book is popular enough that a well phrased Google search will find someone else who also had trouble with the same problem and was able to get help on a forum somewhere. This book is a valuable learning and reference tool that I plan to keep on my desk for years to come.

This book has been a lifesaver for me in my class. It breaks things down to a molecular level and provides little, easy to digest examples. 9 weeks ago I didn't even know what C was, and now I'm confident enough to apply for jobs using C. I wish more languages had textbooks written like this.

K. N. King did a great job. The way he organized the content worked well with me. The exercises

and programming projects are well designed too.

A great book. Well written and informative. It is excellent for closing the gaps that the K&R book leaves open. The only issue that I have is that the solutions for the chapter projects are only for selected questions. This might be fine for use in a class room, but is insufficient for home self-study.

Easily the best programming textbook I have ever purchased. It is interesting to read, and there are lots of examples and example problems to work through. The solutions to the odd-numbered problems can be found online. Clear and concise.

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