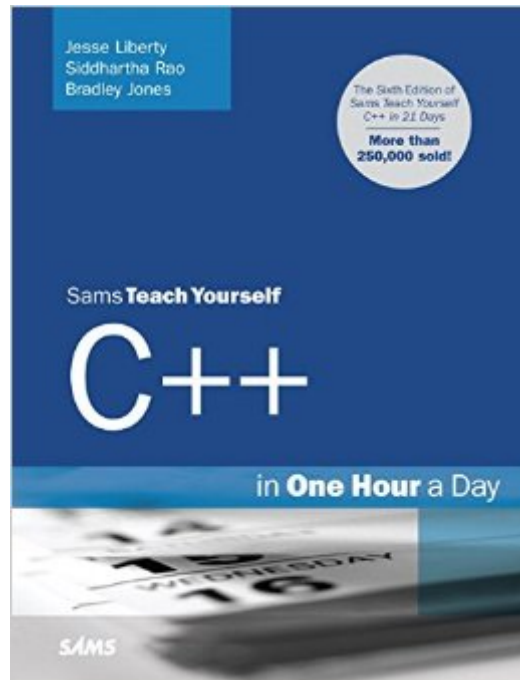# Sams Teach Yourself C++ In One Hour A Day (6th Edition)

Synopsis

Sams Teach Yourself C++ in One Hour a Day Â¿ In just one hour a day, youâ ™ll have all the skills you need to begin programming in C++. With this complete tutorial, youâ ™ll quickly master the basics and then move on to more advanced features and concepts: Master the fundamentals of C++ and object-oriented programming Learn some of the more advanced features of C++ Learn the Standard Template Library and the containers and algorithms used in most real-world C++ applications Learn how to build effective programs in C++ with hands-on exercises Get expert tips on implementing C++ in the corporate environment Â¿ Learn on your own time, at your own pace No previous programming experience required Learn C++ and object-oriented design, programming, and analysis Write fast and powerful C++ programs, compile the source code, and create executable files Understand the latest ANSI standard Use the Standard Template Libraryâ ™s algorithms and containers to write feature-rich yet stable C++ applications Develop sophisticated programming techniques with functions, arrays, variables, and smart pointers Learn to expand your programâ ™s power with inheritance and polymorphism Master the features of C++ by learning from programming experts Works with all ANSI C++ compilers

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Customer Reviews

I'm not a big fan of "Teach yourself X in Y amount of time" books. There, I've said it. Most of these books have their timing wrong anyway, you can't learn to be a world class polo player in 24 hours,

you can't build your own ocean liner in 21 days and you can't be a professional hula champion in six easy lessons. And you won't be able to teach yourself C++, at least not enough to be of any use, in an hour a day.But this book works. Forgetting the one hour a day promise, the book works very well. Learning C++, or just C, or any programming language from scratch is hard. Even harder if you have to learn the concepts of programming, loops, branches, pre and post tests and the whole object oriented thing. This book doesn't make it simple, but it does make the process more logical. And it breaks the process into small steps, most easily learned in an hour.I'm not a C++ guru. I've used Visual Basic for just about ever and only written a few minor projects in C. I can print my name to the screen in C++, but that's about it. Or at least it was until I started this book. Walking through the first section, aptly titled "The Basics," I was able to get moderately familiar with C++ in such a way that I'll retain the knowledge pretty well. Quite obviously I'll get rusty if I don't use the new skills on a routine basis, but learning them was straight forward and well presented. The tutorials are backed by example code that worked fine in several different compilers and the analysis of what the code is doing is very effective at teaching the concepts as well as the specifics.I do have a few minor complaints about the book. For one, it almost seems like two books. The first two thirds teaches C++ fundamentals and Object Oriented Programming quite effectively.

I've never bought a book from the Sams "Teach Yourself" series. Although I've browsed a few of them in the local bookstore, I've never really found one that worked for me. This book is different.First off is the all-star writing staff: Siddharta Rao leads the lineup, as a Microsoft MVP (C++) and expert programmer who contributes to community development sites like CodeGuru. Contributing authors Bradley Jones (also a Microsoft MVP) and Jesse Liberty round out the team, contributing their real-world development skill and writing experience to this book.These writers have put together a solid book that will help a new C++ programmer get off to a stellar running start in the field. As for myself, being an old hand at C++ programming but having neglected my unmanaged C++ development skills for a few years, this book worked well as a wonderful refresher.The book advertises that it will teach the reader C++ programming in "one hour a day". I think this might be slightly ambitious for many readers, especially those that want to test sample code along the way. But the fact of the matter is once you start a lesson, the authors' writing style will pull you in. The time literally flies by as you work your way through the lessons. Several times I found myself reading 3 or 4 lessons back to back, with no regrets.A lot of people might judge a C++ book by its discussion of object-oriented concepts: inheritance, polymorphism, etc. The authors discuss these concepts in great detail, devoting several lessons to a thorough discussion of

object-oriented concepts.The authors use a very entertaining writing style, which expresses complex concepts in a very plain-spoken manner.

I haven't finished it yet. I'm on chapter 12, but I've seen more than enough to know that this is a great book and I have no plans to look further for a beginners book.To clarify the title, I'd say this book is great for those new to programming, as well as amateurs from other languages who need a more modest pace for a 2nd language.This book is an easy read, while managing to cover all of the basics in good detail. Explanations of difficult aspects are very good, although, as with any book, there are a few portions where I wished just a bit more had been added for emphasis and clarity.Examples are good along with good end of chapter reviews. I especially like the areas where the authors point out syntax and techniques that you need to know, but then explain why they are better for niche use, and then go on to explain the better, and more common alternatives.As of chapter 12, the downsides are trivial, as they all fall into that category of, "It's impossible for any one book to please everyone perfectly". Having said that, I give this book my highest rating. I also have Liberty's 24 hour version from 2002, which is why I ultimately bought his bigger version.And now, a bit of general advice. I've seen a fair amount of programming books, and I've read tons more reviews of many more, all in a quest to find that 'perfect book'.Try this for a bottom line: By the time you find that 'perfect book', that fits you like a glove, you could have learned that language 4 times over, and spent your spare time getting help from pros on various forums to enhance your skill in places the book was lacking.Don't wait for the perfect book.

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