

Book Description

Sams Teach Yourself C Programming in One Hour a Day, Seventh Edition is the newest version of the worldwide best-seller *Sams Teach Yourself C in 21 Days*. Fully revised for the new C11 standard and libraries, it now emphasizes platform-independent C programming using free, open-source C compilers. This edition strengthens its focus on C programming fundamentals, and adds new material on popular C-based object-oriented programming languages such as Objective-C.

Filled with carefully explained code, clear syntax examples, and well-crafted exercises, this is the broadest and deepest introductory C tutorial available. It's ideal for anyone who's serious about truly mastering C – including thousands of developers who want to leverage its speed and performance in modern mobile and gaming apps.

Friendly and accessible, it delivers step-by-step, hands-on experience that starts with simple tasks and gradually builds to professional-quality techniques. Each lesson is designed to be completed in hour or less, introducing and clearly explaining essential concepts, providing practical examples, and encouraging you to build simple programs on your own. Coverage includes:

- Understanding C program components and structure
- Mastering essential C syntax and program control
- Using core language features, including numeric arrays, pointers, characters, strings, structures, and variable scope
- Interacting with the screen, printer, and keyboard
- Using functions and exploring the C Function Library
- Working with memory and the compiler

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About Author

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Peter Aitken was on the faculty at Duke University Medical Center, where he cut his programming teeth developing computer programs for research. He is an experienced author in the IT field—on both applications and programming topics—with more than 70 magazine articles and 40 books to his credit. Aitken currently works as a consultant in the pharmaceutical industry.

Dean Miller is a writer and editor with more than 20 years of experience in both the publishing and licensed consumer product businesses. Over the years, he has created or helped shape a number of bestselling books and series, including *Teach Yourself in 21 Days*, *Teach Yourself in 24 Hours*, and the *Unleashed* series, all from Sams Publishing.