

Stephen Prata

Sixth Edition



C Primer Plus



C Primer Plus Stephen Prata

Stephen Arata, Kathleen Prata



C Primer Plus Stephen Prata:

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C++ Primer Plus Stephen Prata, 2011-10-18 C Primer Plus Sixth Edition New C 11 Coverage C Primer Plus is a carefully crafted complete tutorial on one of the most significant and widely used programming languages today An accessible and easy to use self study guide this book is appropriate for both serious students of programming as well as developers already proficient in other languages The sixth edition of C Primer Plus has been updated and expanded to cover the latest developments in C including a detailed look at the new C 11 standard Author and educator Stephen Prata has created an introduction to C that is instructive clear and insightful Fundamental programming concepts are explained along with details of the C language Many short practical examples illustrate just one or two concepts at a time encouraging readers to master new topics by immediately putting them to use Review questions and programming exercises at the end of each chapter help readers zero in on the most critical information and digest the most difficult concepts In C Primer Plus you ll find depth breadth and a variety of teaching techniques and tools to enhance your learning A new detailed chapter on the changes and additional capabilities introduced in the C 11 standard Complete integrated discussion of both basic C language and additional C features Clear guidance about when and why to use a feature Hands on learning with concise and simple examples that develop your understanding a concept or two at a time Hundreds of practical sample programs Review questions and programming exercises at the end of each chapter to test your understanding Coverage of generic C gives you the greatest possible flexibility Teaches the ISO standard including discussions of templates the Standard Template Library the string class exceptions RTTI and namespaces

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C Primer Plus Stephen Arata, Kathleen Prata, 2001-09 C Primer Plus is a conversational style book aimed at those new to C programming A friendly and easy to use self study guide this book will be appropriate for serious students of programming as well as developers proficient in other languages with a desire to better understand the fundamentals of this core language As with all the editions author Stephen Prata s aim has been to create an introduction to C that is instructive clear and helpful Programming concepts are explained along with details of the C language the book does not assume that you are a professional programmer Many short easily typed examples illustrate just one or two concepts at a time since learning by doing is one of the most effective ways to master new information Finally review questions and programming exercises at the end of each chapter punctuate the most critical information and help readers digest the most difficult concepts The text has been updated to accommodate the emergence of a new standard for C C99

C Primer Plus, Sixth Edition Stephen Prata, 2013 C Primer Plus is a carefully tested well crafted and complete tutorial on a subject core to programmers and developers This computer science classic teaches principles of programming including structured code and top down design Author and educator Stephen Prata has created an introduction to C that is instructive clear and insightful Fundamental programming concepts are explained along with details of the C language Many short practical examples illustrate just one or two concepts at a time encouraging readers to master new topics by immediately putting them to use Review questions and programming exercises at the end of each chapter bring out the most critical pieces of information and help readers understand and digest the most difficult concepts A friendly and easy to use self study guide this book is appropriate for serious students of programming as well as developers proficient in other languages with a desire to better understand the fundamentals of this core language The sixth edition of this book has been updated and expanded to cover the latest developments in C as well as to take a detailed look at the new C11 standard In C Primer Plus you ll find depth breadth and a variety of teaching techniques and tools to enhance your learning Complete integrated discussion of both C language fundamentals and additional features Clear guidance about when and why to use different parts of the language Hands on learning with concise and simple examples that develop your understanding of a concept or two at a time Hundreds of practical sample programs Review questions and programming exercises at the end of each chapter to test your understanding Coverage of generic C to give you the greatest flexibility C Primer Plus Mitchell

Waite, Stephen Prata, Donald Martin, Donald W. Martin, Waite Group, 1987 An Introduction to the C Programming Language Covers Interfacing Microcomputer C With Assembly Language Contains Sample Programs Usable With Any Standard C Compiler

C++ Primer Plus Stephen Prata, 1990 The Waite Group's UNIX Primer Plus Mitchell Waite, Donald W. Martin, Stephen Prata, Waite Group, 1990 Second edition includes version 4.3 the predominant version of Unix in colleges and universities Includes updated discussion of the vi and ex editors coverage of the C shell file management commands and a discussion of X Windows a graphic interface for Unix

C++ Primer Plus Stephen Prata, 1995 Software Programming Languages The Waite Group's C++ Primer Plus Stephen Prata, 1998 Third link to the bestselling series this new edition explains C from the ground up with real world examples and an emphasis on hands on learning including coverage of the Standard Template Library one of the most significant additions to C

C Programming in One Hour a Day, Sams Teach Yourself Bradley L. Jones, Peter Aitken, Dean Miller, 2013-10-07 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 Contents at a Glance PART I FUNDAMENTALS OF C 1 Getting Started with C 2 The Components of a C Program 3 Storing Information Variables and Constants 4 The Pieces of a C Program Statements Expressions and Operators 5 Packaging Code in Functions 6 Basic Program Control 7 Fundamentals of Reading and Writing Information PART II PUTTING C TO WORK 8 Using Numeric Arrays 9 Understanding Pointers 10 Working with Characters and Strings 11 Implementing Structures Unions and TypeDefs 12 Understanding Variable Scope 13 Advanced Program Control 14 Working with the Screen Printer and Keyboard PART III ADVANCED C 15 Pointers to Pointers and Arrays of Pointers 16 Pointers to Functions and Linked Lists 17 Using Disk Files 18 Manipulating Strings 19 Getting More from Functions 20 Exploring the C Function Library 21 Working with Memory 22 Advanced Compiler Use PART IV APPENDIXES A ASCII Chart B C C Reserved

Words C Common C Functions D Answers [The Waite Group's New C Primer Plus](#) Mitchell Waite, Stephen Prata, 1990

Code Nation Michael J. Halvorson, 2020-04-22 Code Nation explores the rise of software development as a social cultural and technical phenomenon in American history The movement germinated in government and university labs during the 1950s gained momentum through corporate and counterculture experiments in the 1960s and 1970s and became a broad based computer literacy movement in the 1980s As personal computing came to the fore learning to program was transformed by a groundswell of popular enthusiasm exciting new platforms and an array of commercial practices that have been further amplified by distributed computing and the Internet The resulting society can be depicted as a Code Nation a globally connected world that is saturated with computer technology and enchanted by software and its creation Code Nation is a new history of personal computing that emphasizes the technical and business challenges that software developers faced when building applications for CP M MS DOS UNIX Microsoft Windows the Apple Macintosh and other emerging platforms It is a popular history of computing that explores the experiences of novice computer users tinkerers hackers and power users as well as the ideals and aspirations of leading computer scientists engineers educators and entrepreneurs Computer book and magazine publishers also played important if overlooked roles in the diffusion of new technical skills and this book highlights their creative work and influence Code Nation offers a behind the scenes look at application and operating system programming practices the diversity of historic computer languages the rise of user communities early attempts to market PC software and the origins of enterprise computing systems Code samples and over 80 historic photographs support the text The book concludes with an assessment of contemporary efforts to teach computational thinking to young people *C with Excellence* Henry F. Ledgard, John Tauer, 1987 **PC LAN Primer** Michael Kleeman, 1987 [The Waite Group's C++ Programming](#) John Thomas Berry, 1992 The perfect primer for all intermediate and advanced C programmers A completely updated outlook on incorporating object oriented programming with C Includes many practical explanations and examples Beneficial to both UNIX and DOS programmers Advances readers to power programmer status quickly **The Waite Group's Master C++** Rex Woollard, Harry Henderson, Robert Lafore, 1992 No background in C is required to learn to program in C with this innovative computer based training system Covers everything needed for writing OOP programs Goes over the fundamentals of C that are common to C Monitors progress like a patient teacher Teaches object oriented programming and the C language syntax quickly and efficiently **The Waite Group's Essential Guide to Turbo C** Nabajyoti Barkakati, 1989 *The Waite Group's Essential Guide to ANSI C* Nabajyoti Barkakati, 1988

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