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Programming with C. Byron s Gottfried 2010
Introduction to Programming Languages Yinong Chen 2014-05-01

Programming in Basic E. Balagurusamy 1984
Let Us C: Authentic Guide to C PROGRAMMING Language 17th Edition (English Edition)

Yashavant Kanetkar 2020-09-04 Learn the hand-crafted notes on C programming Key Features Strengthens the foundations, as a detailed explanation of programming language concepts are given Lucid explanation of the concept Well thought-out, fully working programming examples End-of-chapter exercises that would help you practice the skills learned in the chapter Hand-crafted "KanNotes" at the end of the each chapter that would help the reader remember and revise the concepts covered in the chapter Focuses on how to think logically to solve a problem Description The new edition of this classic book has been thoroughly revamped, but remains faithful to the principles that have established it as a favourite amongst students, teachers and software professionals round the world. "Simplicity"- that has been the hallmark of this book in not only its previous sixteen English editions, but also in the Hindi, Gujrati, Japanese, Korean, Chinese and US editions. This book doesn't assume any programming background. It begins with the basics and steadily builds the pace so that the reader finds it easy to handle advanced topics towards the end of the book. What will you learn C Instructions Decision Control Instruction, Loop Control Instruction, Case Control Instruction Functions, Pointers, Recursion Data Types, The C Preprocessor Arrays, Strings Structures, Console Input/Output, File Input/Output Who this book is for Students, Programmers,

researchers, and software developers who wish to learn the basics of C++ programming language.Table of Contents

About the Authors Through his books and Quest Video Courses on C, C++, Java, Python, Data Structures, .NET, IoT, etc. Yashavant Kanetkar has created, molded and groomed lacs of IT careers in the last three decades. Yashavant's books and Quest videos have made a significant contribution in creating top-notch IT manpower in India and abroad. Yashavant's books are globally recognized and millions of students/professionals have benefitted from them. Yashavant's books have been translated into Hindi, Gujarati, Japanese, Korean and Chinese languages. Many of his books are published in India, USA, Japan, Singapore, Korea and China. Yashavant is

a much sought after speaker in the IT field and has conducted seminars/workshops at TedEx, IITs, IIITs, NITs and global software companies. Yashavant has been honored with the prestigious "Distinguished Alumnus Award" by IIT Kanpur for his entrepreneurial, professional and academic excellence. This award was given to top 50 alumni of IIT Kanpur who have made a significant contribution towards their profession and betterment of society in the last 50 years. His Linkedin profile: linkedin.com/in/yashavant-kanetkar-9775255 Programming in ANSI C Ray Dawson 1993-01-01 Ivor Horton's Beginning ANSI C++ Ivor Horton 2008-01-01 * The previous title has proven sales success over 6 years; new edition is completely revised and updated, author is widely acknowledged as among the best authors on programming today! * Includes progressive text and examples, with each topic building on what has been learned previously * No specific prior programming experience necessary – Material is suited to both self-taught learners and structured courses * Written in an easy, effective tutorial style with all language features demonstrated through working examples * Explains what language elements are for and how they work * Demystifies the language by explaining all specialized terminology and jargon * Covers class templates in depth and includes an introduction to the Standard Template Library

Programming in ANSI C Stephen G. Kochan 1994

Discusses the fundamental features of the C computer programming language and offers guidance on techniques for writing programs in C. (Beginner).
C Paul J. Deitel 2016 *Schaum's Outline of Theory and Problems of Programming with C* Byron S. Gottfried 1996 The broad, yet in-depth coverage of C programming language, within the context of today's C programming style, makes this book as useful for practicing professionals as it is for beginning programmers. This study guide solves many sample problems using other programming languages so readers can compare several popular languages. It also includes clear explanations of most of the features in the current ANSI standard. The emphasis throughout is on designing clear, legible, modular and efficient programs.
Obj Oriented Prog With C++,5e Balagurusamy 2011 **The Spirit Of C** Mullish Cooper 1998-01-01 The language C is often described as a middle-level language that permits programs to be written in much the same style as that of modern high-level languages such as FORTRAN, COBOL, BASIC and PASCAL. In The Spirit of C you will know the essentials of this modern language. The book does not expect any programming experience or mathematical expertise from the readers. It provides simple illustrated programs, followed by a list of questions and answers based on text to acquaint the readers with the structure of C language.
Computer Fundamentals Anita Goel 2010-09

Computer Fundamentals is specifically designed to be used at the beginner level. It covers all the basic hardware and software concepts in computers and its peripherals in a very lucid manner.
Learn to Program with C Noel Kalicharan 2015-12-16 This book teaches computer programming to the complete beginner using the native C language. As such, it assumes you have no knowledge whatsoever about programming. The main goal of this book is to teach fundamental programming principles using C, one of the most widely used programming languages in the world today. We discuss only those features and statements in C that are necessary to achieve our goal. Once you learn the principles well, they can be applied to any language. If you are worried that you are not good at high-school mathematics, don't be. It is a myth that you must be good at mathematics to learn programming. C is considered a 'modern' language even though its roots date back to the 1970s. Originally, C was designed for writing 'systems' programs—things like operating systems, editors, compilers, assemblers and input/output utility programs. But, today, C is used for writing all kinds of applications programs as well—word processing programs, spreadsheet programs, database management programs, accounting programs, games, robots, embedded systems/electronics (i.e., Arduino), educational software—the list is endless. Note: Appendices A-D are available as part of the

free source code download at the Apress website. What You Will Learn: How to get started with programming using the C language How to use the basics of C How to program with sequence, selection and repetition logic How to work with characters How to work with functions How to use arrays Who This Book Is For: This book is intended for anyone who is learning programming for the first time.

Data Structures and Algorithm Analysis in C++ Weiss 2007-09 The C++ language is brought up-to-date and simplified, and the Standard Template Library is now fully incorporated throughout the text. Data Structures and Algorithm Analysis in C++ is logically organized to cover advanced data structures topics from binary heaps to sorting to NP-completeness. Figures and examples illustrating successive stages of algorithms contribute to Weiss' careful, rigorous and in-depth analysis of each type of algorithm. *Programming with JAVA - A Primer* E. Balaguruswamy 2014-06-04 Programming with JAVA, 3e, incorporates all the updates and enhancements added to JAVA 2 and J2SE 5.0 releases. The book presents the language concepts in extremely simple and easy-to-understand style with illustrations and examples wherever necessary. Salient Features Fully explaines the entire Java language. Discusses Java's unique features snduch as packages a interfaces. Shows how to create and implement applets. Illustrates the use of advanced concepts like multithread and graphics. Covers

exception handling in depth. Debugging excercises and two full-fledged projects. Includes model questions from the Sun Certified JAVA Programmer Exam.
C - In Depth - 2Nd Revised Edition Srivastava 2009
A Tutorial on Pointers and Arrays in C Ted Jensen 2017-05-19 This document is intended to introduce pointers to beginning programmers in the Cprogramming language. Over several years of reading and contributing to variousconferences on C including those on the FidoNet and UseNet, I have noted a largenumber of newcomers to C appear to have a difficult time in grasping the fundamentalsof pointers. I therefore undertook the task of trying to explain them in plain language withlots of examples.
The C Programming Language Brian W. Kernighan 1988 Introduces the features of the C programming language, discusses data types, variables, operators, control flow, functions, pointers, arrays, and structures, and looks at the UNIX system interface
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 Table of Contents 1: Getting Started with C++ 2: Setting Out to C++ 3:

Dealing with Data 4: Compound Types 5: Loops and Relational Expressions 6: Branching Statements and Logical Operators 7: Functions: C++'s Programming Modules 8: Adventures in Functions 9: Memory Models and Namespaces 10: Objects and Classes 11: Working with Classes 12: Classes and Dynamic Memory Allocation 13: Class Inheritance 14: Reusing Code in C++ 15: Friends, Exceptions, and More 16: The string Class and the Standard Template Library 17: Input, Output, and Files 18: The New C++11 Standard A Number Bases B C++ Reserved Words C The ASCII Character Set D Operator Precedence E Other Operators F The stringTemplate Class G The Standard Template Library Methods and Functions H Selected Readings and Internet Resources I Converting to ISO Standard C++ J

Answers to Chapter Reviews
Exploring C Yashavant Kanetkar 2003-08-01
Let Us Python (Second Edition) Yashavant Kanetkar 2020-02-11 Learn Python Quickly, A Programmer-Friendly Guide DESCRIPTION Most Programmer's learning Python are usually comfortable with some or the other programming language and are not interested in going through the typical learning curve of learning the first programming language. Instead, they are looking for something that can get them off the ground quickly. They are looking for similarities and differences in a feature that they have used in other language(s). This book should help them immediately. It guides you from the fundamentals of using module through the use

of advanced object orientation. KEY FEATURES Strengthens the foundations, as detailed explanation of programming language concepts are given in simple manner. Lists down all the important points that you need to know related to various topics in an organized manner. Prepares you for coding related interview and theoretical questions. Provides In depth explanation of complex topics and Questions. Focuses on how to think logically to solve a problem. Follows a systematic approach that will help you to prepare for an interview in short duration of time. Exercises are exceptionally useful to complete the reader's understanding of a topic. WHAT WILL YOU LEARN Data types, Control flow instructions, console & File Input/Output Strings, list & tuples, List comprehension Sets & Dictionaries, Functions & Lambdas Dictionary Comprehension Modules, classes and objects, Inheritance Operator overloading, Exception handling Iterators & Generators, Decorators, Command-line Parsing WHO THIS BOOK IS FOR Students, Programmers, researchers, and software developers who wish to learn the basics of Python programming language.

Table of Contents

and Packages 16.
Namespaces 17. Classes
and Objects 18.
Intricacies of Classes
and Objects 19.
Containership and
Inheritance 20.
Iterators and Generators
21. Exception Handling
22. File Input/Output
23. Miscellany 24.
Multi-threading 25.
Synchronization
Programming in ANSI C E.
Balagurusamy 2017
Programming in ANSI C E
Balagurusamy 2019
Optical Fiber
Communications John M.
Senior 2009 This text
succeeds in giving a
practical introduction
to the fundamentals,
problems and techniques
of the design and
utilisation of optical
fiber systems. This
edition retains all core
features, while
incorporating recent
improvements and
developments in the
field.
C Programming K. N. King

2017-07-05 C++ was
written to help
professional C#
developers learn modern
C++ programming. The aim
of this book is to
leverage your existing
C# knowledge in order to
expand your skills.
Whether you need to use
C++ in an upcoming
project, or simply want
to learn a new language
(or reacquaint yourself
with it), this book will
help you learn all of
the fundamental pieces
of C++ so you can begin
writing your own C++
programs. This updated
and expanded second
edition of Book provides
a user-friendly
introduction to the
subject, Taking a clear
structural framework, it
guides the reader
through the subject's
core elements. A flowing
writing style combines
with the use of
illustrations and
diagrams throughout the
text to ensure the

reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business. **Let Us C** Yashavant P. Kanetkar 2004-11-01 *Programming in C++, 2/e* Ashok Kamthane The revised and updated version of the student-friendly, practical and example-driven book, Programming in C++, continues to give its readers a solid background and a learning platform to the fundamentals of C++. This comprehensive book, enriched with illustrations and a number of solved programs, will help the students to master this subject. **C# Programming** Barbara Doyle 2013-04-30 Only

Doyle's C# PROGRAMMING: FROM PROBLEM ANALYSIS TO PROGRAM DESIGN, 4E, International Edition brilliantly balances today's most important programming principles and concepts with the latest insights into C#. This perfect introductory book highlights the latest Visual Studio® 2012 and C# 4.0 with a unique, principles-based approach to give readers a deep understanding of programming.You'll find just the right amount of detail to create an important foundation in programming. This edition's straightforward approach and understandable vocabulary make it easier for readers to grasp new programming concepts without distraction. The book introduces a variety of fundamental programming concepts, from data types and expressions to

arrays and collections, all using the popular C# language. New programming exercises and new numbered examples throughout this edition reflect the latest updates in Visual Studio® 2012, while learning objectives, case studies and Coding Standards summaries in each chapter ensure mastery. While the book assumes no prior programming knowledge, coverage extends beyond traditional books to cover new advanced topics, such as portable class libraries used to create applications for Windows® Phone and other platforms.

Learning SQL Alan Beaulieu 2009-04-11 Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, Learning SQL, Second Edition, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the

importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is a must for interacting with data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work. C# Herbert Schildt 2002 Learn everything you need to know about Microsoft's new programming language for the .NET platform. Programming guru and best-selling author Herb Schildt presents not only code but valuable insight into best programming practices, so you can implement C# effectively. **LET US C SOLUTIONS -15TH EDITION** Yashavant kanetkar 2018-06-01 Description: Best way to learn any programming language is to create good programs in it. C is not exception to this rule. Once you decide to write any program you would find that there are always at least two ways to write it. So you need to find out whether you have chosen the best way to implement your program. That's where you would find this book useful. It contains solutions to all the exercises present in Let Us C 15th Edition. If you learn the language elements from Let Us C, write programs for the problems given in the exercises and then cross check your answers with the solutions given in this book you would be well on your way to become a skilled C programmer. I am sure you would appreciate this learning path like the millions of students and professionals have in the past decade.Table Of Contents:IntroductionChapter 0 : Before We

beginChapter 1 : Getting StartedChapter 2 : C InstructionsChapter 3 : Decision Control InstructionChapter 4 : More Complex Decision MakingChapter 5 : Loop control InstructionChapter 6 : More Complex RepetitionsChapter 7 : Case Control InstructionChapter 8 : FunctionsChapter 9 : PointersChapter 10 : RecursionChapter 11 : Data Types RevisitedChapter 12 : The C PreprocessorChapter 13 : ArraysChapter 14 : Multidimensional ArraysChapter 15 : StringsChapter 16 : Handling Multiple StringsChapter 17 : StructuresChapter 18 : Console Input/ OutputChapter 19 : File Input/outputChapter 20 : More Issues in Input/OutputChapter 21 : Operations on BitsChapter 22 : Miscellaneous featuresChapter 23 : C Under Linux

Learn C the Hard Way Zed A. Shaw 2015-08-10 You Will Learn C! Zed Shaw has crafted the perfect course for the beginning C programmer eager to advance their skills in any language. Follow it and you will learn the many skills early and junior programmers need to succeed—just like the hundreds of thousands of programmers Zed has taught to date! You bring discipline, commitment, persistence, and experience with any programming language; the author supplies everything else. In Learn C the Hard Way , you'll learn C by working through 52 brilliantly crafted exercises. Watch Zed Shaw's teaching video and read the exercise. Type his code precisely. (No copying and pasting!) Fix your

mistakes. Watch the programs run. As you do, you'll learn what good, modern C programs look like; how to think more effectively about code; and how to find and fix mistakes far more efficiently. Most importantly, you'll master rigorous defensive programming techniques, so you can use any language to create software that protects itself from malicious activity and defects. Through practical projects you'll apply what you learn to build confidence in your new skills. Shaw teaches the key skills you need to start writing excellent C software, including Setting up a C environment Basic syntax and idioms Compilation, make files, and linkers Operators, variables, and data types Program control Arrays and strings Functions, pointers, and structs Memory allocation I/O and files Libraries Data structures, including linked lists, sort, and search Stacks and queues Debugging, defensive coding, and automated testing Fixing stack overflows, illegal memory access, and more Breaking and hacking your own C code It'll Be Hard at First. But Soon, You'll Just Get It—And That Will Feel Great! This tutorial will reward you for every minute you put into it. Soon, you'll know one of the world's most powerful programming languages. You'll be a C programmer.

The Scientist and Engineer's Guide to Digital Signal Processing Steven W. Smith 1999
C Programming Absolute Beginner's Guide Greg M. Perry 2013 Provides instructions for writing C code to create games

and mobile applications using the new C11 standard.

Loose Leaf for C++ Programming: An Object-Oriented Approach
Richard Gilberg 2019-01-04 C++ Programming: An Object-Oriented Approach has two primary objectives: Teach the basic principles of programming as outlined in the ACM curriculum for a CS1 class and teach the basic constructs of the C++ language. While C++ is a complex and professional language, experience shows that beginning students can easily understand and use C++. C++ Programming: An Object-Oriented Approach uses a combination of thorough, well-ordered explanations and a strong visual framework to make programming concepts accessible to students. The authors stress incremental program development, wherein program analysis is followed by building a structure chart, constructing UML flow diagrams, writing algorithms, undertaking program design, and finally testing. This foundation, combined with a focus on the benefits of a consistent and well-documented programming style, prepares students to tackle the academic and professional programming challenges they will encounter down the road with confidence.

Oracle PL/SQL by Example
Benjamin Rosenzweig 2008-08-15 This integrated learning solution teaches all the Oracle PL/SQL skills you need, hands-on, through real-world labs, extensive examples, exercises, and projects! Completely updated for Oracle 11g, Oracle PL/SQL by Example , Fourth Edition covers

all the fundamentals, from PL/SQL syntax and program control through packages and Oracle 11g's significantly improved triggers. One step at a time, you'll walk through every key task, discovering the most important PL/SQL programming techniques on your own. Building on your hands-on learning, the authors share solutions that offer deeper insights and proven best practices. End-of-chapter projects bring together all the techniques you've learned, strengthening your understanding through real-world practice. This book's approach fully reflects the authors' award-winning experience teaching PL/SQL programming to professionals at Columbia University. New database developers and DBAs can use its step-by-step instructions to get productive fast; experienced PL/SQL programmers can use this book as a practical solutions reference. Coverage includes • Mastering basic PL/SQL concepts and general programming language fundamentals, and understanding SQL's role in PL/SQL • Using conditional and iterative program control techniques, including the new CONTINUE and CONTINUE WHEN statements • Efficiently handling errors and exceptions • Working with cursors and triggers, including Oracle 11g's powerful new compound triggers • Using stored procedures, functions, and packages to write modular code that other programs can execute • Working with collections, object-relational features, native dynamic SQL, bulk SQL, and other advanced PL/SQL capabilities •

Handy reference appendices: PL/SQL formatting guide, sample database schema, ANSI SQL standards reference, and more

Introduction to Programming with C++ Y. Daniel Liang 2014 NOTE: You are purchasing a standalone product; MyProgrammingLab does not come packaged with this content. If you would like to purchase both the physical text and MyProgrammingLab search for ISBN-10: 0133377474 /ISBN-13: 9780133377477 . That package includes ISBN-10: 0133252817 /ISBN-13: 9780133252811 and ISBN-10: 013337968X /ISBN-13: 9780133379686 . MyProgrammingLab should only be purchased when required by an instructor . For undergraduate students in Computer Science and Computer Programming courses or beginning programmers A solid foundation in the basics of C++ programming will allow readers to create efficient, elegant code ready for any production environment Learning basic logic and fundamental programming techniques is essential for new programmers to succeed. A distinctive fundamentals-first approach and clear, concise writing style characterize Introduction to Programming with C++, 3/e. Basic programming concepts are introduced on control statements, loops, functions, and arrays before object-oriented programming is discussed. Abstract concepts are carefully and concretely explained using simple, short, and stimulating examples. Explanations are presented in brief segments, with many figures and tables. NEW! This edition is available with

MyProgrammingLab, an innovative online homework and assessment tool. Through the power of practice and immediate personalized feedback, MyProgrammingLab helps students fully grasp the logic, semantics, and syntax of programming. *C++ Solutions* David Vandevoorde 1998 Developers acquire a thorough understanding of ANSI/ISO C++ by working through examples. Vandevoorde solves a broad subset of illustrative and realistic exercises to facilitate this process. He also includes hints to help programmers find their own solutions, and additional exercises to provide deeper insights into modern software design. Highlights In-depth coverage of C++ language concepts, syntax, and features for each chapter Numerous detailed examples that build intuition about performance issues Adherence to the final ANSI/ISO C++ specifications Sample code and programs available on-line 0201309653B04062001 ANSI C Programming Kanetkar Yashavant 2019-11-04 Learn real-world C programming as per the latest ANSI standard Key features Learn real-world C programming as per the latest ANSI standard All programs work on DOS, Windows as well as Linux Detailed explanation of difficult concepts like "e;Pointers"e; and "e;Bitwise operators"e; End of chapter exercises drawn from different universities Written by best-selling author of Let Us CDescriptionIn this heterogeneous world a program that is compiler dependent is simply unacceptable. ANSI C Programming teaches you C language

in such a manner that you are able to write truly portable programs. This book doesn't assume any programming background. It begins with the basics and steadily builds the pace so that the reader finds it easy to handle complicated topics towards the end. Each chapter has been designed to create a deep and lasting impression on the reader's mind. "e;If taught through examples, any concept becomes easy to gasp"e;. This book follows this dictum faithfully, Yashavant has crafted well thought out programming examples for every aspects of C programming. What will you learn Algorithms, control instructions, strings, bitwise operators, flowcharts, functions Structures, enumerations, data types, pointers, unions, dynamic memory allocation Storage classes, arrays, File IO, linked list Who this book is forStudents, Programmers, researchers, and software developers who wish to learn the basics of ANSI C Programming. Table of contents1. Before We Begin2. Introduction To Programming3. Algorithms For Problem Solving4. Introduction To C Language5. The Decision Control Structure6. The Loop Control Structure7. The Case Control Structure8. Functions & Pointers9. Data Types Revisited10. The C Preprocessor10. Arrays11. Puppetting On Strings12. Structures13. Self Referential Structures and Linked Lists14. Console Input/Output15. File Input/Output16. More Issues In Input/Output17. Operations On Bits18. Miscellaneous

FeaturesAppendix A - Precedence TableAppendix B - Chasing the BugsAppendix C - ASCII ChartIndex About the authorYashavant Kanetkar's programming books have almost become a legend. Through his original works in the form of books and Quest Video courseware CDs on C, C++, Data Structures, VC++, .NET, Embedded Systems, etc. Yashavant Kanetkar has created, moulded and groomed lacs of IT careers in the last decade and half. In recognition of his immense contribution to IT education in India, he has been awarded the "e;Best .NET Technical Contributor"e; and "e;Most Valuable Professional"e; awards byMicrosoft. His current passion includes Device Driver and Embedded System Programming. Yashavant has recently been honored with a "e;Distinguished Alumnus Award"e; by IIT Kanpur for his entrepreneurial, professional and academic excellence. Yashavant holds a BE from VJTI Mumbai and M.Tech. from IIT Kanpur. Yashavant'scurrent affiliations include being a Director of KICIT and KSET. His Linkedin profile: linkedin.com/in/yashavant-kanetkar-9775255 **Head First C** David Griffiths 2012-04-03 Learn key topics such as language basics, pointers and pointer arithmetic, dynamic memory management, multithreading, and network programming. Learn how to use the compiler, the make tool, and the archiver.