

DOWNLOAD COMPUTER BASICS AND C PROGRAMMING BY V RAJARAMAN FREE FREE

COMPUTER PROGRAMMING IN C, SECOND EDITION

The book, now in its Second Edition, follows the structure of the first edition. It introduces computer programming to a beginner using the programming language C. The version of C used is the one standardised by the American National Standards Institute (ANSI C). C has rapidly gained users due to its efficiency, availability of rich data structures, a large variety of operators, and its affinity to the UNIX operating system. C is a difficult language to learn if it is not methodically approached. The attempt has been to introduce the basic aspects of C to enable the student to quickly start writing C programs and postpone more difficult features of C to later chapters. After reading the first eleven chapters, a beginner can start writing complete programs to solve useful problems. Difficult concepts such as the use of pointers and recursion are explained lucidly with many examples. The book is eminently suitable for undergraduate and postgraduate students of computer science/engineering students as per the prescribed syllabus of several universities. **KEY FEATURES** • A self-contained introduction to programming for beginners using the C language • Eminently suitable for self-study even by high school students • All important programming language features illustrated with over 100 example programs • Good style in programming explained and illustrated **NEW TO THE SECOND EDITION** • Chapters with programs have a new section at the end, giving style notes relevant to that chapter • Every chapter is reviewed and revised, correcting minor errors • Appendix I is rewritten to enable students to execute programs on desktop or laptop computers using Linux or Windows environment **TARGET AUDIENCE** • BE/B.Tech (CSE) • BCA/MCA • B.Sc./M.Sc. (Computer Science)

COMPUTER BASICS AND C PROGRAMMING

This book introduces students to the basics of computers, software and internet along with how to program computers using the C language. It is intended for an introductory course that gives beginning engineering and science students a firm rooting in the fundamental principles of computers and information technology, and also provides invaluable insights into key concepts of computing through development of skills in programming and problem solving using C language. To this end, the book is eminently suitable for the first-year engineering students of all branches and MCA students, as per the prescribed syllabus of several universities. C is a difficult language to learn if it is not methodically introduced. The book explains C and its basic programming techniques in a way suitable for beginning students. It begins by giving students a solid foundation in algorithms to help them grasp the overall concepts of programming a computer as a problem-solving tool. Simple aspects of C are introduced first to enable students to quickly start writing programs. More difficult concepts in the latter parts of the book, such as pointers and their use, have been presented in an accessible manner making the learning of C an exciting and interesting experience. The methodology used is to illustrate each new concept with a program and emphasize a good style in programming to allow students to gain sufficient skills in problem solving. **KEY FEATURES** Self-contained introduction to both computers and programming for beginners All important features of C illustrated with over 100 examples Good style in programming emphasized Laboratory exercises on applications of MS Office, namely, Word processing, Spreadsheet, PowerPoint are included.

Computer Programming in C

This eBook discusses about basics of Computer and programming in simple terms and then introduces C learning tutorial on Mobile Phone

Basics of Computer, Programming and C

The book “Computer Concepts and C Programming” is designed to help the Engineering students of all Indian Universities. This book is written as per the new syllabus of the Visveswaraiah Technological University, Belgaum, India and it satisfies all the requirements of I/II semester students who aspire to learn the fundamentals of computers and C Programming. C is a structured programming language. This is most popular and a very powerful programming language. It is standardized and portable across multiple operating systems. C has been the most sought after programming language for developing the system software such as device drivers, compilers, parts of operating systems, interpreters for languages like Java, Prolog, etc. Among other popular programming languages like C++, Java and C#, C retained its position in software development activities. This book provides more than 100 example programs. All these programs are executed and tested on Borland C++ compiler and with the vi editor on UNIX. All the laboratory assignments are provided in Appendix–A. There are 150 multiple choice questions given for the readers to test their knowledge of C language.

Computer Concepts and Programming in C

Fundamentals of Computing and Programming in C is specifically designed for first year engineering students covering the syllabus of various universities. It provides a comprehensive introduction to computers and programming using C language. The topics are covered sequentially and blended with examples to enable students to understand the subject effectively and imbibe the logical thinking required for software industry applications. KEY FEATURES • Foundations of computers • Contains logical sequence of examples for easy learning • Efficient method of program design • Plenty of solved examples • Covers simple and advanced programming in C

Computer Fundamentals and Programming in C

Computer Fundamentals and Programming in C 2e is designed to serve as a textbook for students of engineering (BE/B Tech), computer applications (BCA/MCA), and computer science (B Sc) for an introductory core course on computers and programming in C.

Principles of Computer Programming

This book is a clear, comprehensive book designed only for you, no-matter whether you are a student, a teacher, a professional programmer or others. Simplicity is the hallmark of this book. It assumes no necessities for you to have the background knowledge on C Programming Language. Firstly, it helps you to understand the basic fundamentals of C Programming and then about the stronger part of C and ultimately master the various features that C offers. It is written in a style and level of detail to capture the entire field, it admirably meets the needs of students of science and technology specially the computer engineering students as a textbook and of professionals as a basic reference volume. Ideal for self-study and certification exam. Includes solution of more than 160 programs Broad in-depth coverage of C Programming Language.

Computer Concepts and C Programming

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. Each chapter contains:--Lucid explanation of the concept -Well thought-out, fully working programming examples -End-

of-chapter exercises that would help you practise the skills learned in the chapter.

CONTENTS

Fundamentals of Computers
Programming Basics
Digital Computers
Problem Solving Approaches
Basic Operations
Algorithms
Functional Components
Flowcharts
Numbering Systems
Types of Languages
Binary Arithmetic
Assembler, Compiler, Linker, Loader
Fundamentals of C Programming
Building Blocks of C Programming
Structure of a C Program
Decision Control Instruction
Writing & Executing Programs
Loop Control Instruction
Standard I/O Operations
Case Control Instruction
Fundamental Data Types
Break & Continue Keywords
Storage Classes
Functions
Types of Operators
Parameter Passing
Types of Expressions
Recursive Functions
Arrays & Other Data Types
Pointers and Their Usage
Array Notation & representation
Introduction to Pointers
Manipulating Array Elements
Types of Pointers
Multi-dimensional Arrays
File Pointers
Structures
File Operations
Unions
Command-line Arguments
Enums
Preprocessor Directives

Fundamentals of Computers and Programming in C

Programming in C is designed to serve as a textbook for the undergraduate students of engineering, computer applications, and computer science for a basic course on C programming. Comprehensive in its coverage, the book focuses on the fundamentals to build a strong foundation of how to write effective C programs.

Fundamentals of Computers

Computer Fundamentals and Programming in C, with its abounding, extensive chapter-end questions and unique pedagogy, is structured to address the challenges faced by novices as well as amateur programmers. Assuming no prior knowledge of programming languages, the book presents the reader with a rich collection of solved examples and exercises.

Fundamentals of Computing and Programming in C

Computer Programming and Utilization aims to providing an in-depth knowledge of the fundamentals of computers and programming. Examples, suitable diagrams and tables make the book extremely student-friendly. The discussion on both, introductory and advanced topics of C and C++ make this a comprehensive study on the subject.

Computer Fundamentals and Programming in C

The subject on Computer Concepts and Programming in C (or with the name Fundamentals of Computer and Programming in C) is one of the core courses in various undergraduate and postgraduate programmes of various institution and universities of India. This book is designed to serve as textbook for those programmes of study. While writing the book, special emphasis is given to keep the language very simple and lucid; level of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease.

C Programming

The targeted audience is anybody who wants to know the Fundamentals of Computers and Start writing C programs. This book is not for advanced programmers. Unlike many other books on C which cover example C programs extensively, this book follows algorithmic approach. But some examples are also given. I strongly believe programmers are not typists and they can't learn programming by typing large number of programs. Typing the programs enables you to learn the syntax. Programming logic is inside all of us and by writing programs extensively on our own we can learn programming.

COMPUTER SYSTEM AND PROGRAMMING IN C

Are you looking for the PERFECT introduction into the world of coding? Are you in learning programming easily? Are you interested in creating real world programming projects with C or whit Java? This comprehensive beginner's guide will take you step by step through learning the best programming languages. In a matter of no time, you will be writing code like a professional. Despite there being many advanced and new languages, Java is highly popular and has dominated this field from the early 2000s till the present. Used in everything from microcontrollers to operating systems, C is a popular programming language among developers because of its flexibility and versatility. This book helps you get hands-on with various tasks, covering the fundamental as well as complex C programming concepts that are essential for making real-life applications Download the e-Book: JAVA AND C COMPUTER PROGRAMMING FOR BEGINNERS - A practical beginners guide to learn java and C programming, fundamentals and code to obtain a comprehensive knowledge of what Java and C programming is and how to get the optimum benefit from it. The goal of this book is simple: We want to help beginners who are willing to do hard work to learn programming with this book. This book will serve as a guide for beginners and a reference for experienced programmers. Whit java will also learn: Basics of Java What is Java Virtual Machine? Basic structure of a Java Program Code structure of Java Data Types and Variables Java Data Structure and Algorithms Arrays in Java Strings in Java Whit c you will also learn ? Different versions available in C ? What is a programming process? ? How to create your first C program? ? What is functional programming? ? What are different available operations in C? ? What are variables, constants, manipulations and functions? ? A brief section about Arrays and Structures ? Description about different errors We believe the best way to learn programming is through practice and practical application. For this reason, this book is crammed full of examples and code descriptions. Would you like to know more? Scroll to the top of the page and select the buy now button.

Programming in C

C is a popular programming language which is commonly used by scientists and engineers to write programs for any specific application. C is also a widely accepted programming language in the software industries. This beginner's guide to computer programming is for student programmers to effectively write programs for solving numerical problems. All that is required of a beginner programmer is not experience in computing but interest in computing. The programs illustrated in the book have been accumulated, experimented and tested by the author during his teaching of the subject to a few thousand students in over a decade. In addition, numerous problems are adapted form university question papers. Short questions and answers and objective questions are an added feature. All these would build confidence of the students and those appearing for interview/viva voce in a practical lab. The special topic of the book is C graphics and animation which helps students develop simple programs to generate geometrical and graphical objects.

Computer Fundamentals and Programming in C (RMK).

The complete spectrum of computing fundamentals starting from abc of computer to internet usage has been well covered in simple and readers loving style, The language used in the book is lucid, is easy to understand, and facilities easy grasping of concepts, The chapter have been logically arranged in sequence, The book is written in a reader-friendly manner both the students and the teachers, Most of the contents presented in the book are in the form of bullets, organized sequentially. This form of presentation, rather than in a paragraph form, facilities the reader to view, understand and remember the points better, The explanation is supported by diagrams, pictures and images wherever required, Sufficient exercises have been included for practice in addition to the solved examples in every chapter related to C programming, Concepts of pointers, structures, Union and file management have been extensively detailed to help advance learners, Adequate exercises have been given at the end of the every chapter, Pedagogy followed for sequencing the contents on C programming supported by adequate programming examples is likely to help the reader to become proficient very soon, 200 problems on C programming & their solutions, 250 Additional descriptive questions on C programming.

Computer Programming And Utilization

C is a general-purpose programming language that is extremely popular, simple and flexible. It is machine-independent, structured programming language which is used extensively in various applications. This ebook course teaches you basic to advance level concept of C Programming to make you pro in C language. Here is what is covered in the book - Chapter 1: What is C Programming Language? Basics, Introduction and History What is C programming? History of C language Where is C used? Key Applications Why learn 'C'? Chapter 2: How to Download & Install GCC Compiler for C in Windows, Linux, Mac Chapter 3: C Hello World! Example: Your First Program Chapter 4: How to write Comments in C Programming Chapter 5: C Tokens, Keywords, Identifiers, Constants, Variables, Data Types What is a Character set? Token Keywords and Identifiers What is a Variable? Data types Chapter 6: C Conditional Statement: IF, IF Else and Nested IF Else with Example What is a Conditional Statement? If statement Relational Operators The If-Else statement Conditional Expressions Chapter 7: C Loops: For, While, Do While, Break, Continue with Example What are Loops? Types of Loops While Loop Do-While loop For loop Break Statement Chapter 8: Switch Case Statement in C Programming with Example What is a Switch Statement? Flow Chart Diagram of Switch Case Nested Switch Why do we need a Switch case? Chapter 9: C Strings: Declare, Initialize, Read, Print with Example What is a String? Declare and initialize a String String Input: Read a String String Output: Print/Display a String The string library Chapter 10: Storage Classes in C: auto, extern, static, register with Example What is a Storage Class? Auto storage class Extern storage class Static storage class Register storage class Chapter 11: C Files I/O: Create, Open, Read, Write and Close a File How to Create a File How to Close a file Writing to a File Reading data from a File Interactive File Read and Write with getc and putc Chapter 12: Functions in C Programming with Examples: Recursive, Inline What is a Function? Library Vs. User-defined Functions Function Declaration Function Definition Function call Function Arguments Variable Scope Chapter 13: Pointers in C Programming with Examples What is a Pointer? How does Pointer Work? Types of a pointer Direct and Indirect Access Pointers Pointers Arithmetic Pointers and Arrays Chapter 14: Functions Pointers in C Programming with Examples Chapter 15: C Bitwise Operators What are Bitwise Operators? Bitwise AND Bitwise OR Bitwise Exclusive OR Bitwise shift operators Bitwise complement operator Chapter 16: C Dynamic Memory Allocation using malloc(), calloc(), realloc(), free() How Memory Management in C works? Dynamic memory allocation The malloc Function The free Function Chapter 17: TypeCasting in C: Implicit, Explicit with Example What is Typecasting in C? Implicit type casting Explicit type casting

Computer Concepts and Programming in C

Are You Ready To Learn C Programming Easily? This book is also designed for software programmers who want to learn the C programming language from scratch. It provides you with an adequate understanding of the programming language. From there, you can bring yourself towards a higher level of expertise. While you are not really required to have any previous experience with computer programming, you still need to have a basic understanding of the terms commonly used in programming and computers. You see, the C language is one of the most recommended computer programming languages for beginners. After all, it is a predecessor to many of the modern programming languages used today, such as Java and Python. In other words, before you can effectively learn these languages, you have to have a clear understanding of the C language first. Through this book, you will learn how to write your first programs and see how they work in real time. You have to keep in mind that it is perfectly okay to make mistakes every now and then. It is through these mistakes that you learn. So, when you encounter an error on your program, you just have to study the part where you went wrong and redo it. When you run the programs in the C language, you will be notified in case you made a mistake. You will see the error and know which line you have to modify. This book features Frequently Asked Questions (FAQ) sections that are written with beginners like you in mind. The author understands that beginners may have certain questions with regard to the elements of C that are not often discussed in books. This book also teaches you how you can write the shortest programs possible, without negatively affecting your output. As a programmer, you want to make the most of your available time and space while still being efficient. You will also learn how to organise your codes and include

remarks via comments so that you and your readers will not get confused. Here Is What You'll Learn After Downloading This C Programming Book: ? Introduction ? Chapter 1: Introduction to C ? Chapter 2: Getting Started ? Chapter 3: Flow of Control ? Chapter 4: Arrays ? Chapter 5: Pointers ? Frequently Asked Questions (FAQ) ? and much more What Are You Waiting For? Start Coding C Programming Right Now!

Computer Fundamentals and C Programming

This book provides the details of the basic concepts of computer and C Programming language in a clear and easy to understand format with numerous programming examples. The learner of this book will be able to make out all the concepts in a very simple way. At the end of the book the learner is master of basic concepts of computer and C Programming language. This book helps the learner to self study because the concepts discussed are self explanatory so that the learner can easily grasp the concepts. Salient Features Explained concepts in a concise way. Many programming examples are covered. Easy to understand. Helps in self study List of lab assignments provided. More important programs are covered The c programming language is a mother of all the programming languages. Start programming in c to understand how to communicate with the computer. This c programming book will help you to write c programming in easy steps. Even though you are a c programming beginner, you will be able to write instructions and you will become zero to hero in c programming. This c programming guide will help to all c programming for absolute beginners. This c programming textbook not only teaches you basics, it is also used as c programming for quick reference. If you want to master then read a c programming in one hour a day. This c programming absolute beginner's guide will make you to achieve maximum. Even though you are not familiar with the programming languages, this c programming book for beginners will make you understand the concepts in a simple and subtle way. It is also used as a c programming quick study material. This book of c programming language for beginners is used as a self-study material, it consists of c programming with solved programs. This book is recommended to c programming for beginners. TABLE OF CONTENTS Chapter 1 Basics of computers Chapter 2 Hardware (input, output and memory devices) Chapter 3 Software concepts Chapter 4 Problem solving with computers Chapter 5 Introduction to c Chapter 6 Data types Chapter 7 Input and output statements Chapter 8 Control statements Chapter 9 Arrays Chapter 10 Functions Chapter 11 Pointers Chapter 12 Structures and unions Lab assignment programs Some more important programs ASCII Characters List

Java Ans C Computer Programming for Beginners

Essential C Programming Skills-Made Easy-Without Fear! Write powerful C programs...without becoming a technical expert! This book is the fastest way to get comfortable with C, one incredibly clear and easy step at a time. You'll learn all the basics: how to organize programs, store and display data, work with variables, operators, I/O, pointers, arrays, functions, and much more. C programming has never been this simple! This C Programming book gives a good start and complete introduction for C Programming for Beginner's. Learn the all basics and advanced features of C programming in no time from Bestselling Programming Author Harry. H. Chaudhary. This Book, starts with the basics; I promise this book will make you 100% expert level champion of C Programming. This book contains 1000+ Live C Program's code examples, and 500+ Lab Exercise & 200+ Brain Wash Topic-wise Code book and 20+ Live software Development Project's. All what you need ! Isn't it ? Write powerful C programs...without becoming a technical expert! This book is the fastest way to get comfortable with C, one incredibly clear and easy step at a time. You'll learn all the basics: how to organize programs, store and display data, work with variables, operators, I/O, pointers, arrays, functions, and much more. (See Below List) C programming has never been this simple! Who knew how simple C programming could be? This is today's best beginner's guide to writing C programs-and to learning skills you can use with practically any language. Its simple, practical instructions will help you start creating useful, reliable C code. This book covers common core syllabus for BCA, MCA, B.TECH, BS (CS), MS (CS), BSC-IT (CS), MSC-IT (CS), and Computer Science Professionals as well as for Hackers. This Book is very serious C Programming stuff: A complete introduction to C Language. You'll learn everything from the fundamentals to advanced topics. If you've read this book, you know what to expect a visually rich format designed for the way your brain works. If you haven't, you're in for a treat. You'll see why people say

it's unlike any other C book you've ever read. Learning a new language is no easy. You might think the problem is your brain. It seems to have a mind of its own, a mind that doesn't always want to take in the dry, technical stuff you're forced to study. The fact is your brain craves novelty. It's constantly searching, scanning, waiting for something unusual to happen. After all, that's the way it was built to help you stay alive. It takes all the routine, ordinary, dull stuff and filters it to the background so it won't interfere with your brain's real work--recording things that matter. How does your brain know what matters? (A) 1000+ Live C Program's code examples, (B) 500+ Lab Exercises, (C) 200+ Brain Wash Topic-wise Code (D) 20+ Live software Development Project's. (E) Learn Complete C- without fear, . || Inside Chapters. || 1. Preface – Page-6, || Introduction to C. 2. Elements of C Programming Language. 3. Control statements (conditions). 4. Control statements (Looping). 5. One dimensional Array. 6. Multi-Dimensional Array. 7. String (Character Array). 8. Your Brain on Functions. 9. Your Brain on Pointers. 10. Structure, Union, Enum, Bit Fields, Typedef. 11. Console Input and Output. 12. File Handling In C. 13. Miscellaneous Topics. 14. Storage Class. 15. Algorithms. 16. Unsolved Practical Problems. 17. PART-II-120+ Practical Code Chapter-Wise. 18. Creating & Inserting own functions in Librery. 19. Graphics Programming In C. 20. Operating System Development –Intro. 21. C Programming Guidelines. 22. Common C Programming Errors. 23. Live Software Development Using C.

A First Course in Programming with C

Essential C Programming Language Skills - Made Easy- C Programming Absolute Beginner's Guide! This C Programming book gives a good start and complete introduction for C Programming for Beginner's. Learn the all basics and advanced features of C programming in no time from Bestselling Programming Author Harry. H. Chaudhary. This Book, starts with the basics; I promise this book will make you 100% expert level champion of C Programming. This book contains 1000+ Live C Program's code examples, and 500+ Lab Exercise & 200+ Brain Wash Topic-wise Code book and 20+ Live software Development Project's. All what you need ! Isn't it ? Write powerful C programs...without becoming a technical expert! This book is the fastest way to get comfortable with C, one incredibly clear and easy step at a time. You'll learn all the basics: how to organize programs, store and display data, work with variables, operators, I/O, pointers, arrays, functions, and much more. (See Below List) Who knew how simple C programming could be? This is today's best beginner's guide to writing C programs-and to learning skills you can use with practically any language. Its simple, practical instructions will help you start creating useful, reliable C code. This book covers common core syllabus for All students & Professionals & Hackers. This Book is very serious C Programming stuff: A complete introduction to C Language. You'll learn everything from the fundamentals to advanced topics. If you've read this book, you know what to expect a visually rich format designed for the way your brain works. If you haven't, you're in for a treat. You'll see why people say it's unlike any other C book you've ever read. Learning a new language is no easy. You might think the problem is your brain. It seems to have a mind of its own, a mind that doesn't always want to take in the dry, technical stuff you're forced to study. The fact is your brain craves novelty. It's constantly searching, scanning, waiting for something unusual to happen. After all, that's the way it was built to help you stay alive. It takes all the routine, ordinary, dull stuff and filters it to the background so it won't interfere with your brain's real work--recording things that matter. How does your brain know what matters? (A) 1000+ Live C Program's code examples, (B) 500+ Lab Exercises, (C) 200+ Brain Wash Topic-wise Code (D) 20+ Live software Development Project's. (E) Learn Complete C- without fear, . || Inside Chapters. || 1. Preface - Page-6, || Introduction to C. 2. Elements of C Programming Language. 3. Control statements (conditions). 4. Control statements (Looping). 5. One dimensional Array. 6. Multi-Dimensional Array. 7. String (Character Array). 8. Your Brain on Functions. 9. Your Brain on Pointers. 10. Structure, Union, Enum, Bit Fields, Typedef. 11. Console Input and Output. 12. File Handling In C. 13. Miscellaneous Topics. 14. Storage Class. 15. Algorithms. 16. Unsolved Practical Problems. 17. PART-II-120+ Practical Code Chapter-Wise. 18. Creating & Inserting own functions in Librery. 19. Graphics Programming In C. 20. Operating System Development –Intro. 21. C Programming Guidelines. 22. Common C Programming Errors. 23. Live Software Development Using C.

Computing Fundamentals and Programming in C

Thinking about Computer Programming as a career option? Completely revised and updated, this basic computer programming book can launch you onto a bright career. Meant for both freshers as well as advanced users, it is an authentic volume for learners to use a computer without any outside help. The guide is designed for self-help learning. Some salient features: *Historical evolution of the computer. *Computer characteristics, anatomy & architecture. *Flow charts, Getting started with BASIC, Arithmetic / Input / Control / Conditional Statement. *Putting data out of computers. *Some programming applications, Arrays, Library, user defined functions; Subroutines, Sequential files. *System commands; Programming design & problem solving.

Learn C Programming in 1 Day

The Computer Concepts and C Programming book helps you to master the fundamentals of computer and C programming language. The book is divided into two sections - the first section provides an in-depth coverage of basic concepts of computer, such as input/output devices, memory devices, operating systems, and networking. The second section of the book elaborates different programming techniques in C programming and covers concepts, such as variables, operators, strings, managing input-output, arrays, and pointers. The book is ideal for students who want to build their future in the field of software development.

Computer Programming In Cobol

This book has unique 3 Stage guaranteed learning system with interactive software. It contains Training Kit for Fundamentals of Programming, C++, Visual Basic, Java, C# and VB.NET Programming. The CD-ROM contains Self learning tutorials on C++, Visual Basic, Java, C#, VB.NET. It also contains 200 Bonus Pages in e-book form on C++, C#, VB.NET, C& Visual C++ along with self assessment testing software.

C Programming for Beginners

BASICS OF C PROGRAMMING is a handbook for students studying BCA, B.Sc. (Computer Science), B.Sc. (Information Technology) B.Sc. (Mathematics), B.Sc. beginners find it difficult to understand C language and its applications due to lack of proper materials, planning and proper guidance. This book will help these students as it covers the topics (as per syllabus) with proper explanation and examples. The texts used in this book are written in simple language in order to reduce complications among the students.

C Programming for Beginners: Your Guide to Easily Learn C Programming In 7 Days

Computer Fundamentals | Software | Algorithms And Flowcharts | Fundamentals | Input And Output Statements | Control Statement | Looping Statements | Numeric Array | Character Array | Function Program | Auxiliary Statements And operations | String Operation | Pointers | Structure | File operation | Trial Programs | Subjective And Objective Questions | Common Programming Errors | Projects | Exercises and Projects | Appendix I & II | Bibliography | Index

Computer Fundamentals and Programming in C

Computer Fundamentals and Programming in C is designed to serve as a textbook for the undergraduate students of engineering, computer science, computer applications, and information technology. The book seeks to provide a thorough overview of all the fundamental concepts related to computer science and programming. It lays down the foundation for all the advanced courses that a student is expected to learn in the following semesters.

C Programming :

Are You Ready To Learn C Programming Easily? This book is also designed for software programmers who want to learn the C programming language from scratch. It provides you with an adequate understanding of the programming language. From there, you can bring yourself towards a higher level of expertise. While you are not really required to have any previous experience with computer programming, you still need to have a basic understanding of the terms commonly used in programming and computers. You see, the C language is one of the most recommended computer programming languages for beginners. After all, it is a predecessor to many of the modern programming languages used today, such as Java and Python. In other words, before you can effectively learn these languages, you have to have a clear understanding of the C language first. Through this book, you will learn how to write your first programs and see how they work in real time. You have to keep in mind that it is perfectly okay to make mistakes every now and then. It is through these mistakes that you learn. So, when you encounter an error on your program, you just have to study the part where you went wrong and redo it. When you run the programs in the C language, you will be notified in case you made a mistake. You will see the error and know which line you have to modify. This book also teaches you how you can write the shortest programs possible, without negatively affecting your output. As a programmer, you want to make the most of your available time and space while still being efficient. You will also learn how to organise your codes and include remarks via comments so that you and your readers will not get confused. Here Is What You'll Learn After Downloading This C Programming Book: Table of Contents 1. C – Programming 2. C – An Overview 3. C – Environment Setup 4. C – Program Structure 5. C – Basic of C 6. C – Comments 7. C – Escape Sequence 8. C – Data Types 9. C – Void Data Types 10. C – Types Modifiers 11. C – Variable 12. C – Constants 13. C – lvalue & rvalue 14. C – Integer Constants 15. C – Floating Point Constants 16. C – Character Constants 17. C – String Constants 18. C – const Keyword 19. C – Typedef 20. C – Enumerated Types 21. C – Type Casting 22. C – Standard input/output 23. C – Operators 24. C – Arithmetic Operators 25. C – Relational Operators 26. C – Logical Operators 27. C – Bitwise Operators 28. C – Assignment Operators 29. C – Operators Precedence 30. C – Flow Control 31. C – If Statements 32. C – If..else Statements 33. C – If..else if..else Statements 34. C – Nested If Statements 35. C – Switch Statements 36. C – For Loop 37. C – While Loop 38. C – Do While Loop 39. C – Arrays 40. C – Multidimensional Arrays 41. C – Strings 42. C – Pointers 43. C – Null Pointers 44. C – Pointer to Pointer 45. C – Storage Classes 46. C – Auto Storage Class 47. C – Register Storage Class 48. C – Static Storage Class 49. C – Extern Storage Class 50. C – Structure 51. C – Unions 52. C – File I/O 53. C – Writing a File 54. C – Reading a File 55. C – Preprocessors 56. C – Macros 57. C – Header Files 58. C – Functions 59. C – Function Call by Value 60. C – Function Call by Address 61. C – Function and Pointers 62. C – Functions and Pointers 63. C – Function Variable Scopes 64. C – Local Variables 65. C – Global Variables 66. C – Formal Parameters 67. C – Recursion 68. C – Error Handling 69. C – Memory Management What Are You Waiting For? Start Coding C Programming Right Now!

The C Programming Language

This book has a perfect blend of theory as well as practicals and it has been presented in a manner that helps the readers to learn the concepts through practice and programming.

Basic Computer Programming

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.

Computer Concepts And C Programming (With Cd)

Fundamentals of Computing and Programming in C is designed to serve as a textbook for students of engineering and computer science. The book begins with an introduction to computer basics, explains number systems, computer software, the Internet and its applications, and algorithms, and then moves on to a detailed coverage of programming in C. Concepts such as compilers, linkers, loaders, data types, functions, arrays, strings, pointers, structures and unions, and file systems have been explained exhaustively. Finally, preprocessing and program development are discussed, highlighting the advantages of the powerful C preprocessor. Interspersed with numerous solved examples based on daily life, the theory is well supported by plenty of review questions and programming exercises at the end of each chapter. Written in a clear and lucid style, the book encourages self-study and motivates the student towards independent problem solving.

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