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Python Programming Fundamentals - Kent D. Lee 2015-01-07
This easy-to-follow and classroom-tested textbook guides the reader through the fundamentals of programming with Python, an accessible language which can be learned incrementally. Features: incudes numerous examples and practice exercises throughout the text, with additional exercises, solutions and review questions at the end of each chapter; highlights the patterns which frequently appear when writing programs, reinforcing the application of these patterns for problem-solving through practice exercises; introduces the use of a debugger tool to inspect a program, enabling students to discover for themselves how programs work and enhance their understanding; presents the Tkinter framework for building graphical user interface applications and event-driven programs; provides instructional videos and additional information for students, as well as support materials for instructors, at an associated website.
Digital Computer Fundamentals - Thomas C. Bartee 1985

Computing Fundamentals with C++ - Rick Mercer 2000

Computing Fundamentals with C & & offers a gentle, objects-early approach to teaching C & & . In response to readers feedback, this book offers greater organizational flexibility and expanded topical coverage than many of its competitors.
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.
Programming in C: A Practical Approach - Mittal, Ajay 2010
Programming in C: A Practical Approach has a perfect blend of theory as well as practical knowledge. The presentation has been done in such a way that it helps the readers to learn the concepts through practice and programming.
Computing Fundamentals with C# - Martin Stepp 2004-12-01
This book takes an object-oriented approach, without getting lost in objects. It is suitable for use in a first programming course for computer science, physical science, and engineering majors. Objects are shown in detail and are used to solve problems, not just for show. The goal is to get students programming with a minimum of

overhead. The fundamental concepts of computer science are interwoven throughout the textbook. All examples can be written, compiled and tested with free editors and compilers included on the CD that comes with the book.

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

Computer Fundamentals Success Master Edition - 2000+ MCQ E-Book - Harry Chaudhary. 2018-09-20
Our 2000+ Computer Fundamentals Success Master Questions and Answers focuses on all areas of Computer Fundamentals subject covering 110+ topics in Computer Fundamentals. These topics are chosen from a collection of most authoritative and best reference books on Computer Fundamentals. One should spend 1 hour daily for 15 days to learn and assimilate Computer Fundamentals comprehensively. This way of systematic learning will prepare anyone easily towards Computer Fundamentals interviews, online tests, Examinations and Certifications. Highlights 🞂 2000+ Basic and Hard Core High level Multiple Choice Questions & Answers in Computer Fundamentals with Explanations. 🞂 Prepare anyone easily towards Computer Fundamentals interviews, online tests, Government Examinations and certifications. 🞂 Every MCQ set focuses on a specific topic in Computer Fundamentals. 🞂 Specially designed for IBPS IT, SBI IT, RRB IT, GATE CSE, UGC NET CS, PROGRAMMER, RSCIT and other IT & Computer Science related Exams. Who should Practice these Computer Fundamentals Questions? 🞂 Anyone wishing to sharpen their skills on Computer Fundamentals. 🞂 Anyone preparing for aptitude test in Computer Fundamentals. 🞂 Anyone preparing for interviews (campus/off-campus interviews, walk-in interviews) 🞂 Anyone preparing for entrance examinations and other competitive examinations. 🞂 All – Experienced, Freshers and Students.
Computer Fundamentals and Programming in C - J.B. Dixit 2006

Computer Concepts and Programming in C - R.S. Salaria
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.
Programming in C - J. B. Dixit 2011-07

The Fundamentals of C/C++ Game Programming - Brian Beuken 2018-02-21
This book is aimed at giving novice coders an understanding of the methods and techniques used in professional games development. Designed to help develop and strengthen problem solving and basic C/C++ skills, it also will help to develop familiarity targeting and using fixed/restricted hardware, which are key skills in console development. It allows the reader to increase their confidence as game programmers by walking them through increasingly involved game concepts, while maintaining the understanding that despite the increased complexity, the core methods remain consistent with the advancement of the technology; the technology only enhances the gaming experience. It also demonstrates underlying principles of game coding in practical step by step ways to increase exposure and confidence in game coding concepts. Key Features: Increases the confidence of new coders by demonstrating how to get things done. Introduces evolving projects to reinforce concepts, both directly and indirectly that the reader will use to produce and then enhance the project. Provides tutorials on Graphics API's that can be easily understood by a novice. Demystifies hardware used to gain new effects without blinding the user to the technical wizardry going on under the system. Gives a sense of achievement to the reader and pushes them toward improvement.
Fundamentals of Engineering Programming with

C and Fortran - Harley R. Myler 1998-06-28 A 1998 beginner's guide to problem solving with computers - both a text for introductory-level engineering undergraduates and a self-study guide for practising engineers.

COMPUTER FUNDAMENTALS (SEMESTER - 1). - P. K. SINGH 2015

Focus on Fundamentals of Programming with C - Richard L. Stegman 2019-10-24 An introduction to the C programming language emphasizing top-down design and principles of structured programming. Language syntax is covered, together with operators, standard control structures, functions, input-output, arrays, strings, file manipulation, preprocessor, pointers, structures, dynamic variables, and linear linked lists.

Schaum's Outline of Fundamentals of Computing with C++ - John R. Hubbard 1998-05-22 This powerful study tool is the best tutor you can have if you want top grades and thorough understanding of the fundamentals of computing with C++, the computing language taught at 83% of all colleges. This student-friendly study guide leads you step-by-step through the entire computer science course, giving you 420 problems with fully worked solutions and easy-to-follow examples for every new topic. You get complete explanations of data abstraction, recursion, Standard C++ container classes, searching, sorting algorithms, and other complex concepts, simplified and illustrated so they're easy to grasp. You also get additional practice problems to solve on your own, working at your own speed. This superb study guide covers the entire course, from logic to libraries. If you're taking introduction to computer science, this book will be your best friend. It's perfect for independent study, too!

Concept of Computer and C Programming - Dr. M.K. Sharma 2010 This book contains some special features to aid you on your path to learn about fundamental concepts of computer and later programming with C in easy way. Each chapter provides concrete examples and explanation of concepts. You will get knowledge of new concepts like grid computers, storage area network, Bluetooth, etc. Numerous sample programs illustrate C's features and concepts so that you can apply

them in your computer lab with ease. Each chapter ends with section containing common questions relating to the chapter with reference to older year questions asked in university exams. It contains objective questions and exercises that tests your knowledge of the concepts and helps you prepare for aptitude test conducted by various software companies at the time of recruitment. --

Java Ans C Computer Programming for Beginners - Will Norton 2020-12-19 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.

Fundamentals of Computer Programming with C# - Svetlin Nakov 2013-09-01
The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from http://introprogramming.info. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: http://www.introprogramming.info License: CC-Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

Fundamentals of Computing and Programming in C - T. Jeyapoovan
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

Fundamentals of Computers - Reema Thareja 2019-05-15
Fundamentals of Computers has been specifically designed for anybody and everybody who wants to be familiar with basic concepts of computers. It is an ideal text for self-learning basic computer concepts (such as organization, architecture, input and output devices, primary and secondarymemory) as well as advanced topics (such as operating systems, computer networks, and databases). The book also provides step-by-step tutorials to learn different MS Office applications such as Word, PowerPoint, and Excel.The book can be useful for a broad spectrum of students, varying from non-computers background students enrolled in elementary courses on Information Technology and Computer Sciences to students enrolled in professional courses such as BCA and MCA.

Programming in C - Reema Thareja 2018-09-30
Beginning with the basics of computers, the book provides an in-depth analysis of various constructs of C. The key topics include iterative and decision-control statements, functions, recursion, arrays, strings, pointers, structures and unions, and file management. It deals separately with thefundamental concepts of linked lists - the preferred data structure for dynamic allocation of memory. The book also includes a chapter on different searching and sorting algorithms and analysis of time and space complexity of algorithms.

Computer Fundamentals and Programming in C (RMK). - Anita Goel 2016
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 Programming - Richard Halterman 1995

A Complete Guide to Programming in C++ - Ulla Kirch-Prinz 2002
This guide was written for readers interested in learning the C++ programming language from scratch, and for both novice and advanced C++ programmers wishing to enhance their knowledge of C++. The text is organized to guide the reader from elementary language concepts to professional software development, with in depth coverage of all the C++ language elements en route.

Computer Fundamentals and Programming in C - J. B. Dixit 2009

Programming in C - Pradip Dey 2018-09-30
Beginning with an overview of the basic concepts of computers, the book provides an exhaustive coverage of C programming constructs. It then focuses on arrays, strings, functions, pointers, user-defined data types, and files. In addition, the book also provides a chapter on linked lists - apopular data structure - and different operations that can be performed on such lists.Students will find this book an excellent companion for self-study owing to its easy-to-understand approach with plenty of programs complete with source codes, sample outputs, and test cases.

Programming Fundamentals - Kenneth Leroy Busbee 2018-01-07
Programming Fundamentals - A Modular Structured Approach using C++ is written by Kenneth Leroy Busbee, a faculty member at Houston Community College in Houston, Texas. The materials used in this textbook/collection were developed by the author and others as independent modules for publication within the Connexions environment. Programming fundamentals are often divided into three college courses: Modular/Structured, Object Oriented and Data Structures. This textbook/collection covers the rest of those three

courses.

Computer Fundamentals & Programming in C - Reema Thareja 2012-04-24
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.

Computer Programming - Alexander Bell 2019-07-12
The best guide to computer programming fundamentals. This book will give you a solid foundation if you are new to programming. For a beginner, programming can seem like something scary or hard to do. With all the technical terms and concepts out there, and the numerous programming languages available at your disposal it is so important now more than ever before to build a strong foundation. When you understand the fundamentals of programming, learning any programming language is a piece of cake. In addition, programming is not just all about coding. It is also about knowing how to plan your work, how to set deadlines, how to communicate with team members, how to use existing components, how to debug existing codes and fix issues, how to build secure systems, how to use the right tools etc. These are all covered in this book and in a way that is easy for you to understand. Once you read this book to the end, you will become more confident and equipped with the knowledge necessary for success in this field. A career in computer programming is one of the most rewarding choices you will make in your life. The opportunities are endless. This book will give you the foundation you need. Below is a preview of what you'll learn: The importance of learning computer programming Program structure Variable declaration Looping structures Programming syntax Algorithms in programming Data structures Hierarchy of programming languages Characteristics of programming languages Web programming Factors to consider when choosing a programming

language Popular programming languages Security in programming And much more!! Learn the fundamentals of computer programming today by clicking the BUY NOW button at the top of the page!

Computer Programming with C++ - Kunal Pimparkhede 2017-01-16
"Provides an in-depth explanation of the C and C++ programming languages along with the fundamentals of object oriented programming paradigm"--

COMPUTER FUNDAMENTALS AND PROGRAMMING IN C. - A. K. SHARMA 2018

C# Programming :: - Harry. H. Chaudhary. 2014-06-02
This book gives a good start and complete introduction for C# Programming for Beginner's. While reading this book it is fun and easy to read it. This book is best suitable for first time C# readers, Covers all fast track topics of C# for all Computer Science students and Professionals. This book is targeted toward those who have little or no programming experience or who might be picking up C# as a second language. The book has been structured and written with a purpose: to get you productive as quickly as possible. I've used my experiences in writing applications with C# and teaching C# to create a book that I hope cuts through the fluff and teaches you what you need to know. All too often, authors fall into the trap of focusing on the technology rather than on the practical application of the technology. I've worked hard to keep this book focused on teaching you practical skills that you can apply immediately toward a development project. This book is divided into ten Chapters, each of which focuses on a different aspect of developing applications with C#. These parts generally follow the flow of tasks you'll perform as you begin creating your own programs with C#. I recommend that you read them in the order in which they appear. Using C#, this book develops the concepts and theory of Building the Program Logic and Interfaces analysis, Exceptions, Delegates and Events and other important things in a gradual, step-by-step manner, proceeding from concrete examples to abstract principles. Standish covers a wide range of both traditional and contemporary software engineering topics. This

is a handy guide of sorts for any computer science engineering Students, Thinking In C# Programming is a solution bank for various complex problems related to C# and .NET. It can be used as a reference manual by Computer Science Engineering students. This Book also covers all aspects of B.TECH CS, IT, and BCA and MCA, BSC IT. Preview introduced programmers to a new era called functional programming. C# focused on bridging the gap between programming languages and databases. This book covers all the language features from the first version through C# . It also provides you with the essentials of using Visual Studio 2005 to let you enjoy its capabilities and save you time by using features such as IntelliSense. Learning a new programming language can be intimidating. If you've never programmed before, the act of typing seemingly cryptic text to produce sleek and powerful applications probably seems like a black art, and you might wonder how you'll ever learn everything you need to know. The answer is, of course, one step at a time. The first step to learning a language is the same as that of any other activity: building confidence. Programming is part art and part science. Although it might seem like magic, it's more akin to illusion: After you know how things work a lot of the mysticism goes away, freeing you to focus on the mechanics necessary to produce any given desired result. Chapter 1 (Introduction To C# AND .NET) Chapter 2 (Your First Go at C# Programming) Chapter 3 (C# Data Types)' Chapter 4 (Building the Program Logic) Chapter 5 (Using Classes) Chapter 6 (Function Members) Chapter 7 (Structs, Enums, and Attributes) Chapter 8 (Interfaces) Chapter 9 (Exceptions) Chapter 10 (Delegates and Events)

Computing Fundamentals and Programming in C - Nasib Singh Gill 2015
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 Fundamentals and C Programming - Chenna P Reddy 2019-12-03
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 Fundamentals and Programming in C - Pradip Dey 2013-07-04
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.

COMPUTER BASICS AND C PROGRAMMING - V. RAJARAMAN 2008-08-19
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.

Computing Fundamentals - J. Stanley Warford 2013-12-01
The book introduces the reader to computer programming, i.e. algorithms and data structures. It covers many new programming concepts that have emerged in recent years including object-oriented programming and design patterns. The book emphasizes the practical aspects of software construction without neglecting their solid theoretical foundation.

Computer Fundamentals & Programming In C - Joginder Singh Cheema 2011

Fundamentals of Computers and Programming in C - J. B. Dixit 2005