

KHANNA BOOK PUBLISHING
EDITION

EXPERT C++ PROGRAMMING



*R Singh
I Singh*

Expert C++ Programming

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Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of C++ programming. Its approach is explanatory and language is lucid and communicable. Each and every concept described with the help of its pictorial representation, examples, and solved programming to have clear ideas. Each chapter contains programming problems, objective type questions, and exercises.



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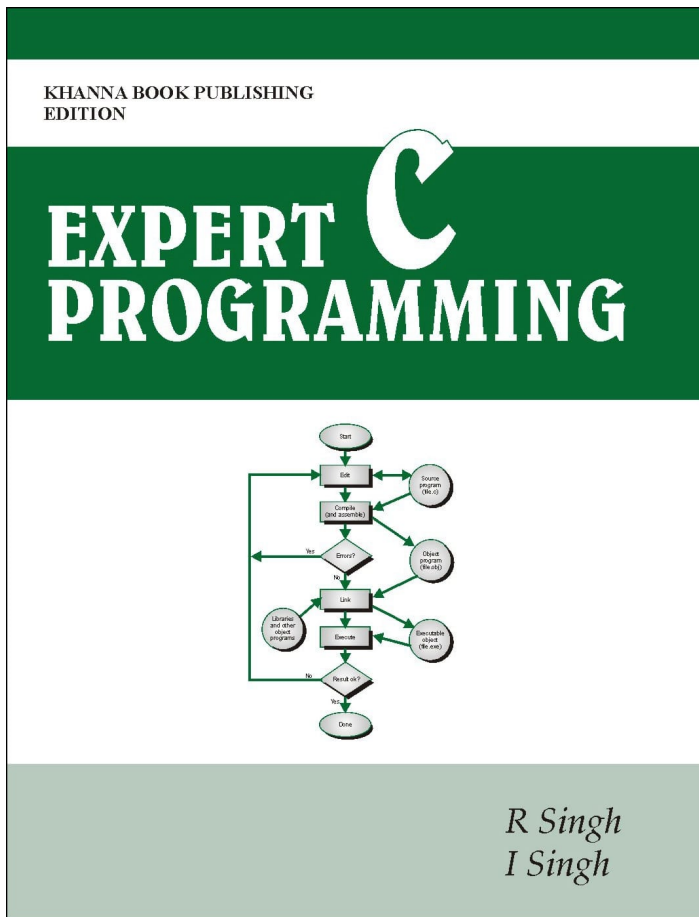
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Chapter 1: Getting Started With C++. **Chapter 2:** C++ Programming Basics. **Chapter 3:** Operators and Expressions. **Chapter 4:** Console Input and Output in C++. **Chapter 5:** Control Statements. **Chapter 6:** Arrays. **Chapter 7:** Strings. **Chapter 8:** Functions. **Chapter 9:** Pointers. **Chapter 10:** Structures and Unions. **Chapter 11:** Classes. **Chapter 12:** More About Classes. **Chapter 13:** Operator Overloading. **Chapter 14:** Inheritance. **Chapter 15:** Polymorphism and Virtual Function. **Chapter 16:** Exploring Special Functions. **Chapter 17:** C++ Streams and Files. **Chapter 18:** Templates. **Chapter 19:** Exception Handling. **Chapter 20:** Standard Template Library and Namespaces.

Author

R. Singh "R Singh, MCA is equipped with an extraordinary calibre and appreciable academic potency. He has teaching experience of nearly twenty years. He has authored ten books on various complex topics of computer science. He has already submitted his Ph.D. thesis in the field of system simulation. His other areas of interest include Software Engineering, Data Structures and Information Systems.





Expert C Programming

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Product Description

Written with the beginner in mind, this provides an exceptionally clear and precise detail of C programming. Its approach is explanatory and language is lucid and communicable. Each and every concept described with the help of its pictorial representation, examples, and solved problems to have clear ideas. Each chapter contains programming problems, objective type questions, and exercises.

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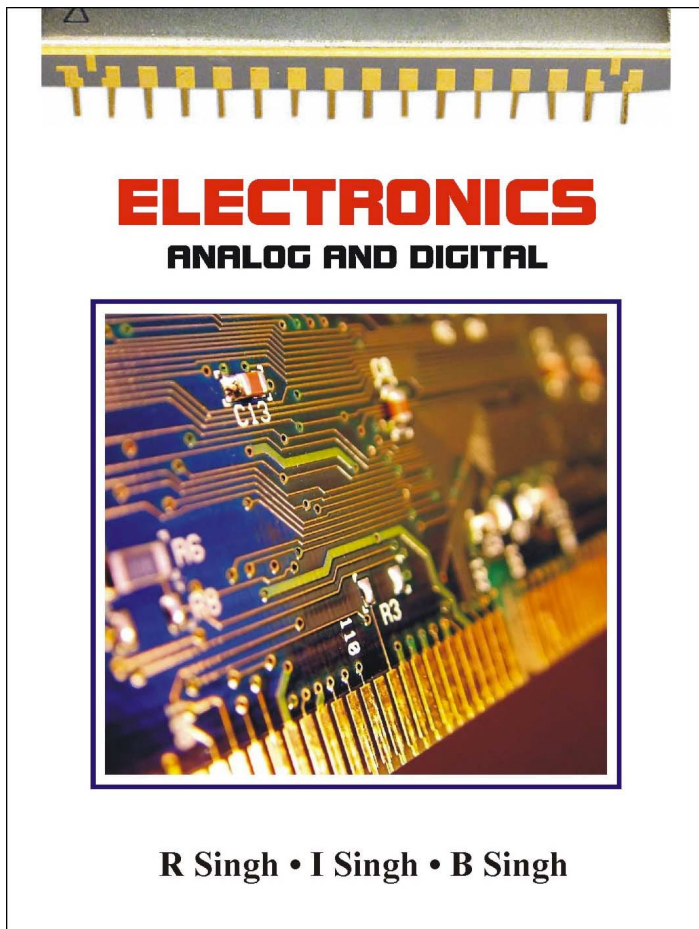
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Electronics Analog and Digital

Author :	R. Singh
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Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of electronics. Its approach is explanatory and language is lucid and communicable. Analog and digital electronics described with the help of its circuit designs, pictorial representation and implementation to have clear ideas. Modern aspects of electronics have been introduced from the first principles and discussed in an easy manner so that a beginner can grasp the analog and digital electronics. Each chapter contains solved example problems and exercise problems.



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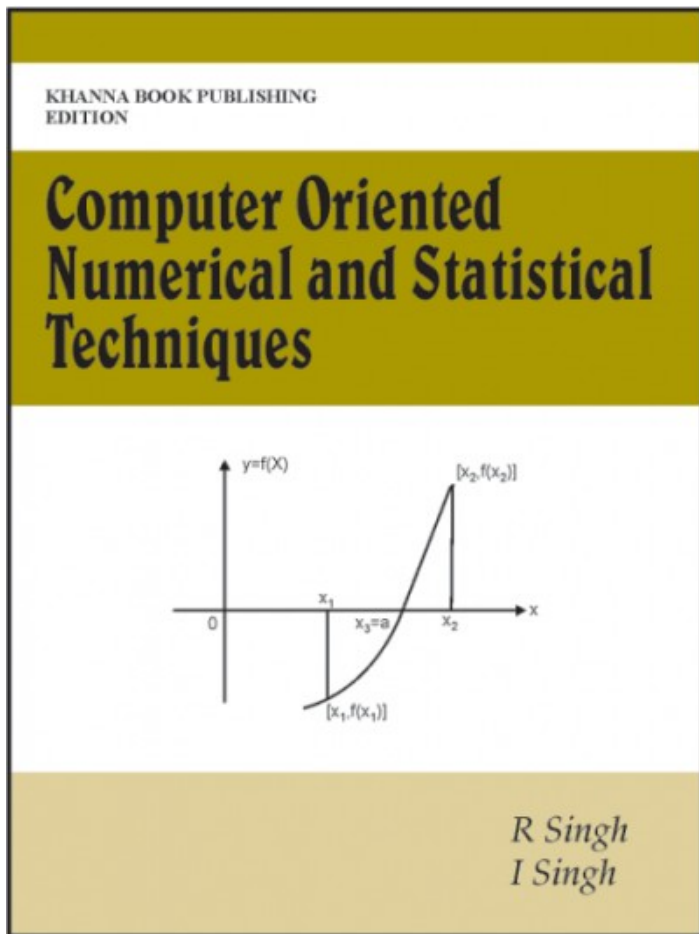
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Chapter 1: Introduction to Electronics. **Chapter 2:** Semiconductor Physics. **Chapter 3:** Semiconductor Diodes. **Chapter 4:** Rectifiers. **Chapter 5:** Transistor. **Chapter 6:** JFET and MOSFET. **Chapter 7:** Network Theorems and Amplifiers. **Chapter 8:** H-Parameters and Transformations. **Chapter 9:** Number System and Codes. **Chapter 10:** Logic Gates. **Chapter 11:** Boolean Algebra. **Chapter 12:** Karnaugh Maps. **Chapter 13:** Error Detection and Correction Codes. **Chapter 14:** Combinational Circuits. **Chapter 15:** Flip Flops and Timing Circuits. **Chapter 16:** Counters. **Chapter 17:** Registers. **Chapter 18:** Semiconductor Memories. **Chapter 19:** ADC DAC and Interfacing. **Chapter 20:** Logic Families.

Author

R. Singh "R Singh, MCA is equipped with an extraordinary calibre and appreciable academic potency. He has teaching experience of nearly twenty years. He has authored ten books on various complex topics of computer science. He has already submitted his Ph.D. thesis in the field of system simulation. His other areas of interest include Software Engineering, Data Structures and Information Systems.





Computer Oriented Numerical & Statistical Techniques

Author :	R. Singh
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Condition Type :	New
Country Origin :	India

Product Description

Written with the beginner in mind, this provides an exceptionally clear and precise detail of modern numerical and statistical techniques. Its approach is explanatory and language is lucid and communicable. Each and every technique described with the help of algorithm, Its flowchart and program using C and C++ and large number of solved and unsolved problems are given to have clear ideas. several examples of the application to engineering, medicine agriculture etc.



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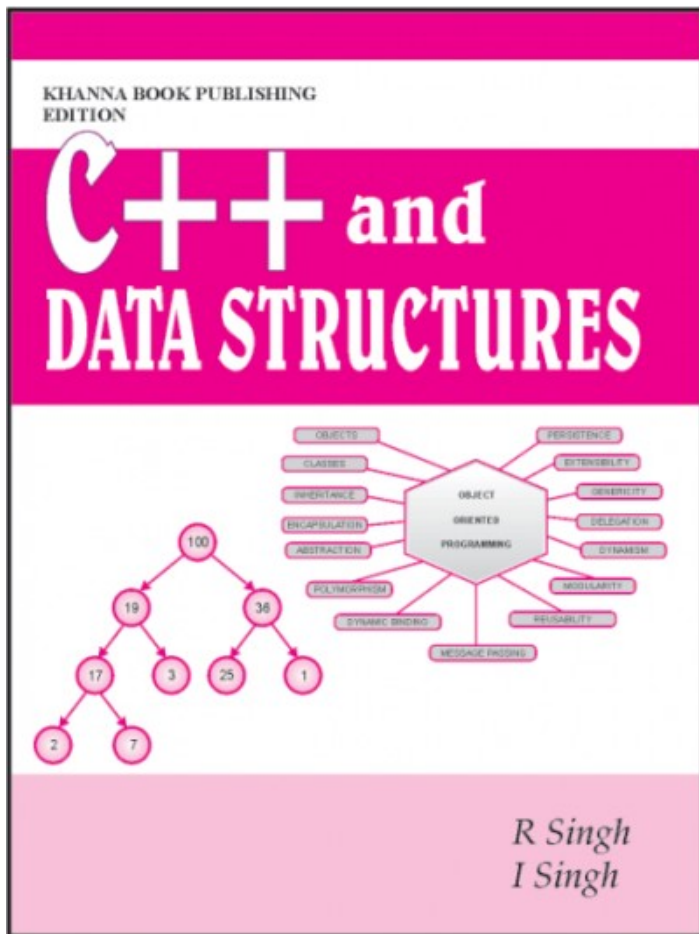
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Chapter 1: Computer Basics for Numerical Problems. **Chapter 2:** Numerical Analysis. **Chapter 3:** Errors and their Analysis. **Chapter 4:** Solution of Transcendental and Polynomial Equations. **Chapter 5:** Interpolation. **Chapter 6:** Solution of Linear Equations. **Chapter 7:** Numerical Differentiation. **Chapter 8:** Numerical Integration. **Chapter 9:** Solution of Ordinary Differential Equations. **Chapter 10:** Curve Fitting. **Chapter 11:** Introduction to Statistics. **Chapter 12:** Measures of Central Tendency. **Chapter 13:** Measures of Dispersion. **Chapter 14:** Moments, Skewness and Kurtosis. **Chapter 15:** Correlation. **Chapter 16:** Regression Analysis.

Author

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C++ and Data Structures

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Condition Type :	New
Country Origin :	India

Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of C++ and data structures. Its approach is explanatory and language is lucid and communicable. Each and every concept described with the help of its pictorial representation, examples, and solved programming to have clear ideas. Each chapter contains programming problems, objective type questions, and exercises.

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Chapter 1: Getting Started With C++. **Chapter 2:** C++ Programming Basics. **Chapter 3:** Control Statements. **Chapter 4:** Arrays and Strings. **Chapter 5:** Functions. **Chapter 6:** Pointers. **Chapter 7:** Structures and Unions. **Chapter 8:** Classes. **Chapter 9:** More About Classes. **Chapter 10:** Operator Overloading. **Chapter 11:** Inheritance. **Chapter 12:** Polymorphism and Virtual Function. **Chapter 13:** Exploring Special Functions. **Chapter 14:** Introduction to Data Structures. **Chapter 15:** String Processing. **Chapter 16:** Algorithm Design and Complexity. **Chapter 17:** Arrays, Pointers and Records. **Chapter 18:** Linked Lists. **Chapter 19:** Stacks. **Chapter 20:** Queues. **Chapter 21:** Sorting and Searching Techniques.

Author

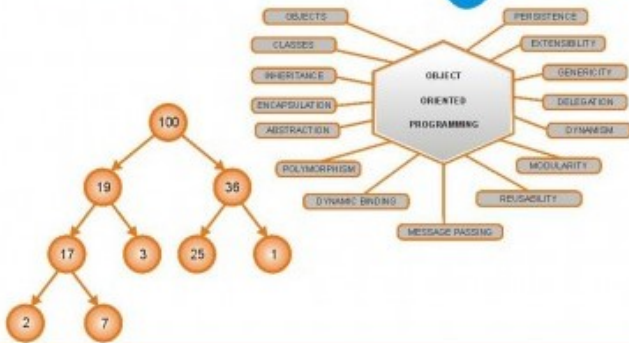
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KHANNA BOOK PUBLISHING
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DATA STRUCTURES

An Algorithmic Approach with **C++**



*R Singh
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Data Structures - An Algorithmic Approach with C++

Author :	R. Singh
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Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of data structures. Its approach is explanatory and language is lucid and communicable. Each and every data structure described with the help of its pictorial representation, algorithms, and implementation in C++ programming to have clear ideas. It contains lucid presentation of each and every operation that can perform on data structures.



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Chapter 1: Introduction to C++ Language. **Chapter 2:** Introduction to Data Structures and String Processing. **Chapter 3:** Algorithm Design and Complexity. **Chapter 4:** Arrays, Pointers and Records. **Chapter 5:** Linked Lists. **Chapter 6:** Stacks. **Chapter 7:** Queues. **Chapter 8:** Trees. **Chapter 9:** Search Trees. **Chapter 10:** Heaps. **Chapter 11:** Graphs. **Chapter 12:** Sorting and Searching Techniques. **Chapter 13:** Hashing. **Chapter 14:** File and Storage Management.

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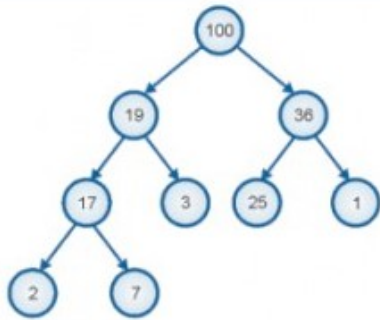
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DATA STRUCTURES

An Algorithmic Approach with



A complete
binary max heap

*R Singh
I Singh*

Data Structures - An Algorithmic Approach with C

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Product Description

Each chapter begins with an outline an overview, and a list of learning objective. Extensive coverage of data Structure basics, pictorial representation of each and every Data Structures in given in detail. Brief introduction to C language, various types of data structures and analysis of algorithms complexity is covered. Demonstration the development of algorithms is a lucid manner. Includes numbers illustrative examples to understand the topic easily. Demonstrates the implementation of algorithms in a good programming style. Objective-type questions have been provided. Around 200 solved C programs and algorithms are included. Diagrams are used extensively throughout the text. Contains numerous theory questions at the last of each chapter. Gives detailed description of arrays, stack and queues in lucid manner. Covers all tree structures like binary tree, binary search trees, AVL, B+ tree and red black trees in detail. Detailed analysis of each and every sorting and searching technique is covered with the help of Programming examples. Presents various hashing techniques like hash functions, linear probing, quadratic probing, double hashing and rehashing. Brief introduction to the concept of file and storage management. This book will be useful for student of BE (Computer/Electronics), B. Tech, ME(Computer/Electronics), M. Tech, MCA BCA, M.Sc., B.Sc. and also to students pursuing A/B/C-level course of DOEACC.

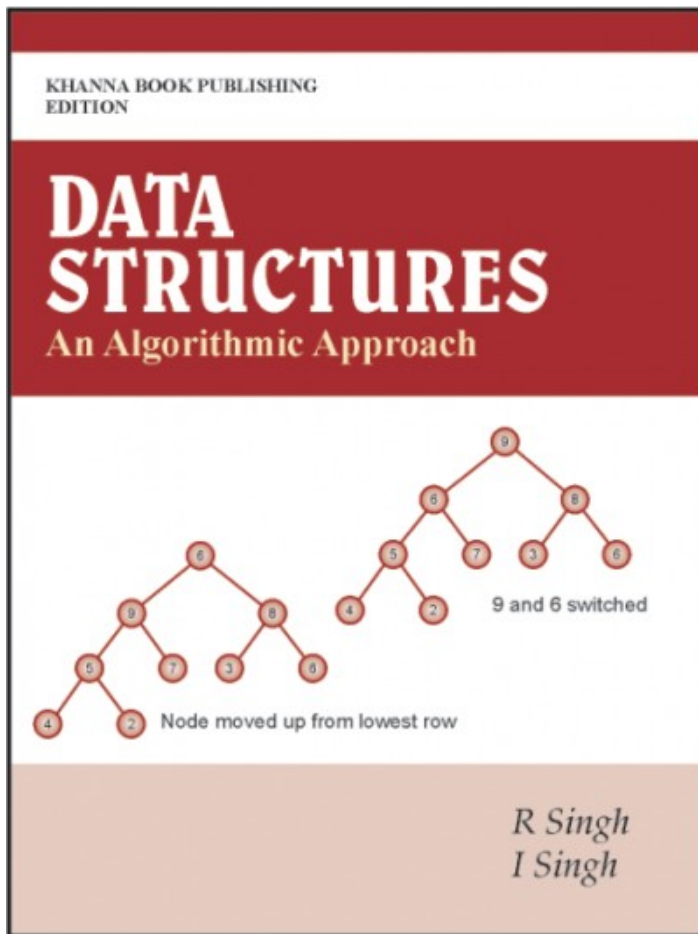
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Data Structures - An Algorithmic Approach

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