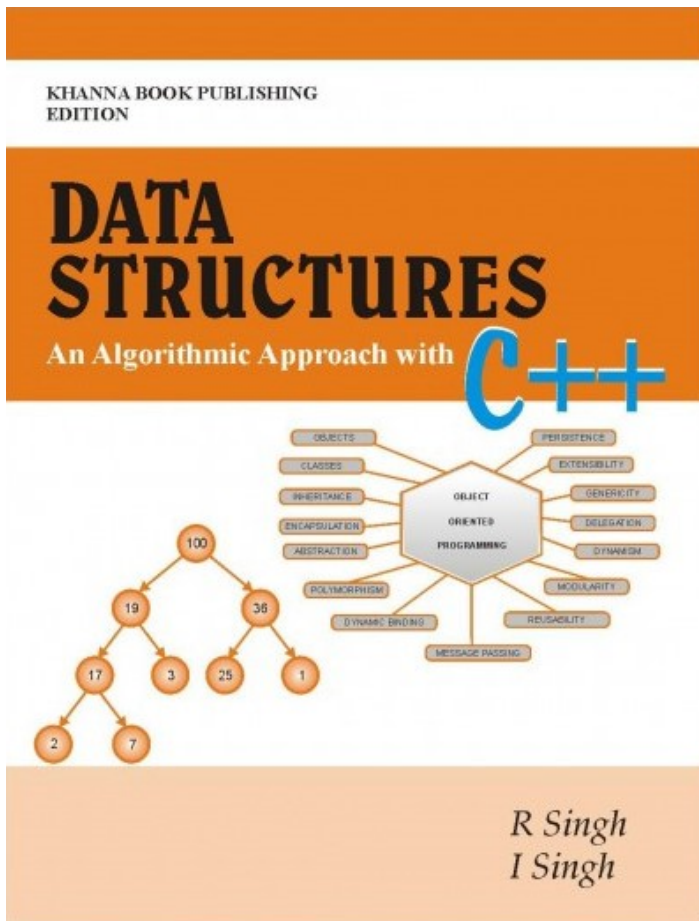




Data Structures - An Algorithmic Approach with C++

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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.

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.
