

Database Management System

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Product Description

This book fundamental concepts necessary for designing, using and implementing database systems and applications. This book assumes no previous knowledge of database or database technology and the concepts are built from grounds-up basic concepts to advanced techniques and technologies. This is . The book is self- contained and has flexible organization to suit the needs of individual course.

Table of Contents

Chapter 1: Introduction. **Chapter 2:** Data Base Design and data Modeling. **Chapter 3:** Data Base Query Languages. **Chapter 4:** Database Storage & File Structure. **Chapter 5:** Database Implementation. **Chapter 6:** Type



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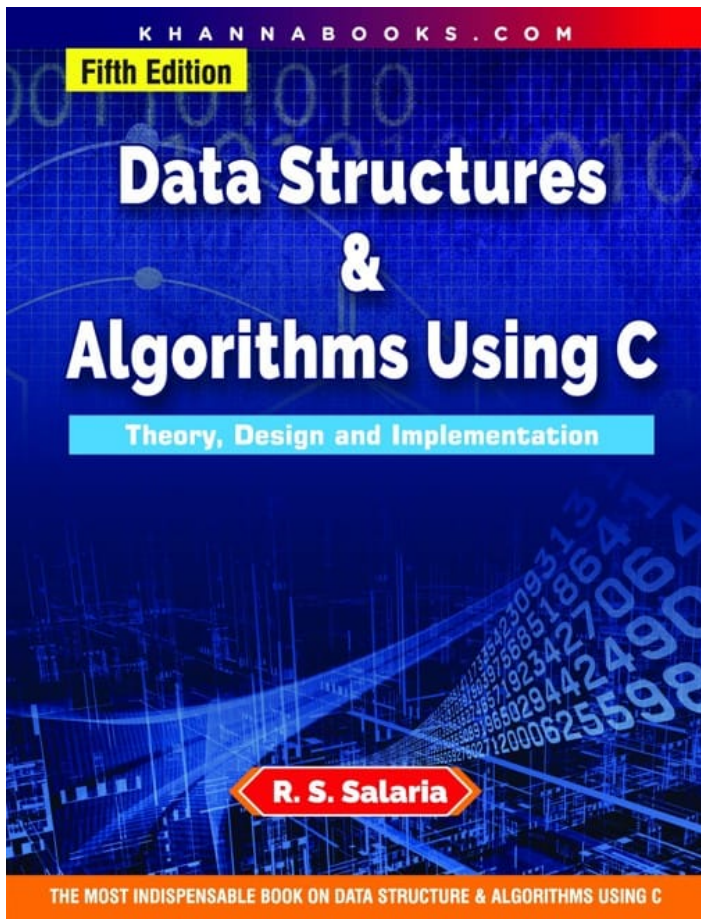
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Data Structures & Algorithms using C

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Product Description

Provides a comprehensive coverage of the subject, Includes numerous illustrative examples, Demonstrate the development of algorithms in a lucid manner, Demonstrate the implementation of algorithms in a good programming style, Provides challenging programming exercise to test your knowledge gained about the subject, Glossary of terms for ready reference.



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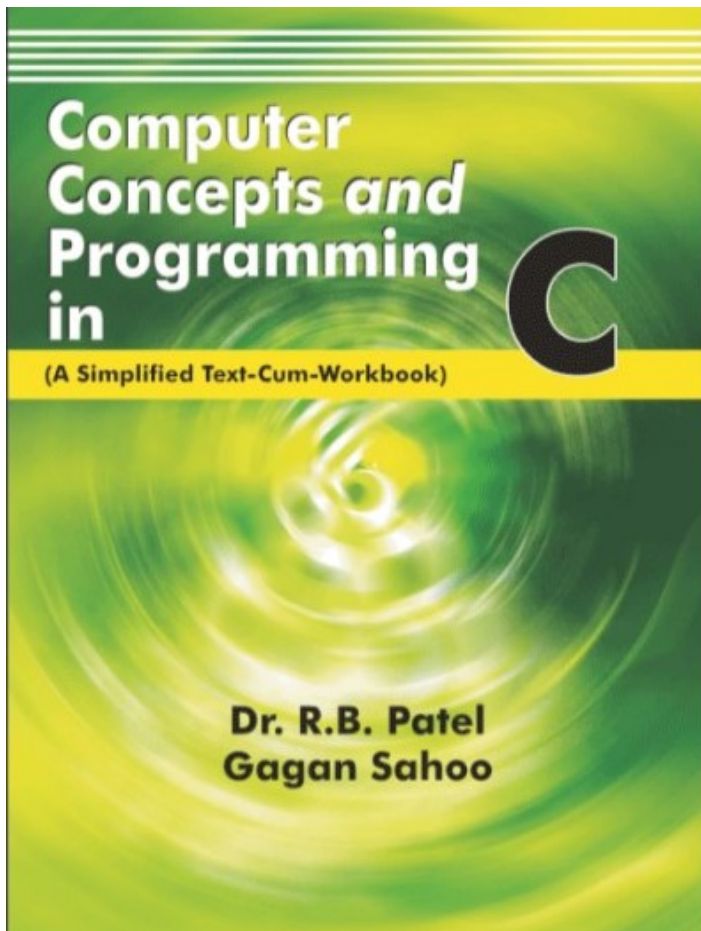
Table of Contents

Chapter 1: Essentials of C Language. **Chapter 2:** Overview of Data Structures. **Chapter 3:** Program Design and Development. **Chapter 4:** Arrays & Matrices. **Chapter 5:** Strings. **Chapter 6:** Linked Lists. **Chapter 7:** Stacks. **Chapter 8:** Quacks. **Chapter 9:** Trees. **Chapter 10:** Heaps. **Chapter 11:** Graphs. **Chapter 12:** Hash Tables and Hashing. **Chapter 13:** Sorting, Searching & Merging. **Chapter 14:** Files. **Glossary Index**

Author

R.S. Salaria Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living.





Computer Concepts and Programming in C

Author :	Gagan Sahoo
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Product Description

The book is written and designed keeping in mind following objectives for the students to understand the basic concepts of computing, to understand the basic concepts of operating system and number systems, to understand the methodology of problem solving, to develop skill in programming using C language. Cover detailed theory supplemented with appropriate figures and examples. Step-by-step instructions for doing practical training purpose. solved and unsolved examples at the end of each chapter. Provides proper testing tools for better learning. Provides user friendly approach.



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Table of Contents

Chapter 1: Computer Concepts. **Chapter 2:** Operating System Concepts. **Chapter 3:** Number Systems. **Chapter 4:** Programming Algorithms. **Chapter 5:** Overview of C Language. **Chapter 6:** Operators and expressions. **Chapter 7:** Conditional Program Execution. **Chapter 8:** Program loops and iteration. **Chapter 9:** Characters I/O Functions. **Chapter 10:** Arrays and Strings. **Chapter 11:** C Standard Library Function. **Chapter 12:** User defined functions. **Chapter 13:** Structures. **Chapter 14:** Pointers. **Chapter 15:** Linked lists and stacks. **Chapter 16:** C processor derivatives. **Chapter 17:** File operations in C.



Authors

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Prof. Ram Bahadur Patel, Professor, Department of Computer Science and Engineering, Chandigarh College of Engineering and Technology, U. T. Administration Chandigarh, earlier he was Professor at NIT Uttarakhand, graduated from Madan Mohan Malaviya Engineering College Gorakhpur in Computer Engineering in the year 1991. He did M.S. from BITS Pilani in the year 1996. He obtained his Ph.D. from the Indian Institute of Technology, Roorkee in the field of Distributed Computing and PDF in Reliable Computing from Athens Greece in the year 2005. He has supervised 18 PhD thesis and 42 M. Tech. dissertation. He has 4 Patents (1 US and 3 Indian) to his credit. He has published more than 190 research paper in International/National Journals and Conferences. He has organized 7 International Conferences/Seminars. He has edited 5 Scopus indexed Journal/Proceedings of National and International publishers, viz. Springer Verlag, American Institute of Physics etc. He has authored 7 Books on Data Structures, Automata Theory, etc.

Gagan Sahoo Gagan Sahoo This well -organized and comprehensive book offers a detailed coverage on Visual Basic Programming concept. It contains a rich collection of examples, exercises and project based concepts. This book concentrates on the principles of good software engineering and stresses program clarity. without assuming and background knowledge of programming, this book teaches VB language using carefully graded approach. The book covers easy-to understand steps, from simple programs to sophisticated ones that demonstrate VBs power for programming development. Using this book you can create different application starting from desktop application; database Handling to Internet based programming. The book contains 100's source codes in different chapters in CD. He has more that 15 Years of experience in the computer field working as a software developer, director of software development. He is a well-known author of various computer books including, VB, C++, Java. Since last 10 years, he has lots of experience in different computer project works. He has written number of project books including Foxpro, C, C++, Vb, etc. He associates Mr. Arvind Kumar working as co-author in various technical projects in .NET technology. He has been Programming in various .NET project and tested so many code on Microsoft's .NET environment. His prime development of Beginner's Guide to VB, C# 2005 (with.NET 3.0), ASP.NET, VB.NET, etc. Which was written to fullfil the need and development guide for the students and developers.

