



Handbook of **COMPUTER FUNDAMENTALS**

DR. NASIB SINGH GILL

Handbook of Computer Fundamentals

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Product Description

The complete spectrum of computer fundamentals starting from historical evolution of computers to its successful usage among common men. Another important dimension of the book includes its opening from general concept of data communication to the extent of internet & usage. The book also attempts to highlight the societal impacts of the computer technology. The language used in the book is lucid, is easy to understand, and facilitates easy grasping of concepts. The chapters have been logically arranged in sequence. The book is written in a reader-friendly manner both for 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, facilitates the reader to view, understand and remember the points better. The explanation is supported by diagrams, pictures and images wherever required. Adequate exercises have been given at end of the every chapter.

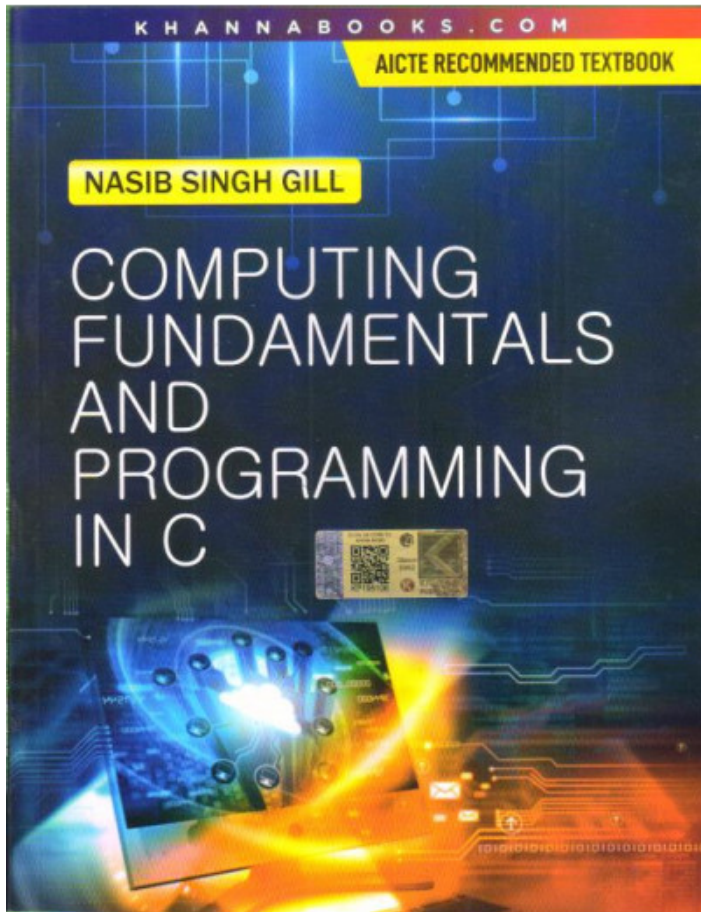
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Chapter 1: Historical Evolution of Data processing and Computing Chapter 2: Computers and their Classification
Chapter 3: Number Systems and their Inter conversions Chapter 4: Computer Codes and Their Types Chapter 5: Input and Output devices Chapter 6: Memory and Mass Storage Devices Chapter 7: Software and Operating System Concepts Chapter 8: Programming languages and Program development Chapter 9: Data Communication and Related Concepts Chapter 10: Computer Networks and Internet Chapter 11: Computer Applications.

Author

Nasib Singh Gill Dr. Nasib Singh Gill is a high profile and an acknowledge teacher. Dr. Gill obtained his Ph.D. degree in Computer Science in March 1996 under the supervision of a very renowned and an eminent Computer Scientist, Pro-Head, Department of Computer Science & Applications, M.D. University, Rohatak. He is working in Department of Computer Science & Applications, M.D. University, Rohtak since its inception in Feb. 1990. Presently, he is working as Senior Faculty in the department and has more than 10.5 years of teaching experience. His area of research is 'Software Metrics', a sub-area of 'Software engineering' discipline and presently he is orienting himself in the area of 'Information Technology'





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Product Description

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.

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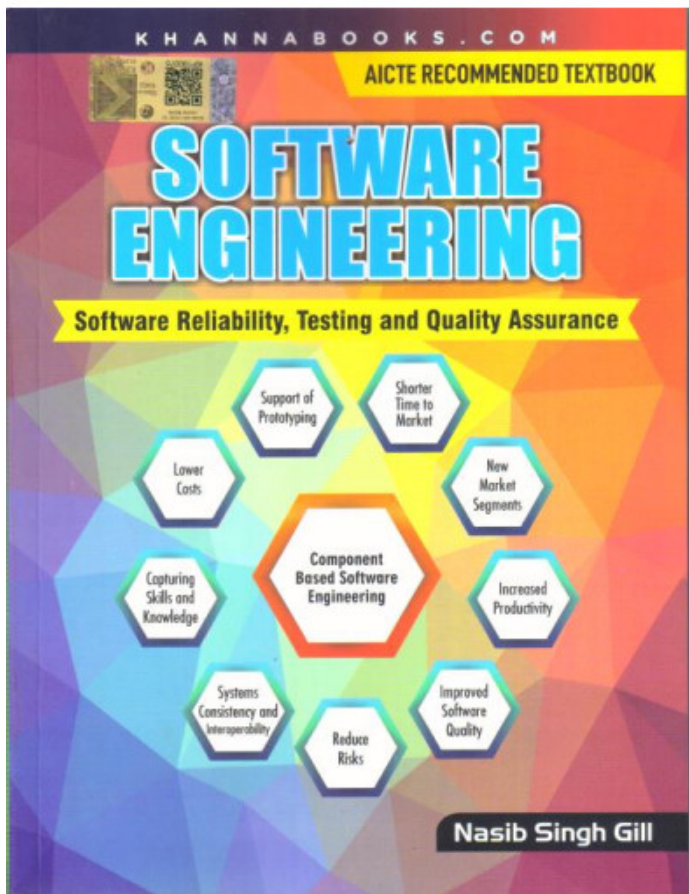
Chapter 1: History of Computing Chapter 2: Basic Elements of Computers and Applications Chapter 3: Number Systems and Data Representation Chapter 4: Computer Codes Chapter 5: Input and Output Devices Chapter 6: Computer Memory and Secondary Storage Chapter 7: Data Communication, Computer Networks and Internet Chapter 8: Basic Concepts of Software and Its Types Chapter 9: Evolution of Programming Languages and Program Development Chapter 10: Overview of C Language Chapter 11: Variables, Constants and Data Types Chapter 12: Operator Types in C and Expressions Chapter 13: Decision Making Iterative and Control Constructs In C Chapter 14: User Defined Functions Chapter 15: Arrays Overview and Its Types Chapter 16: Pointers and Applications Chapter 17: Structures and Union Chapter 18: File Management in C Problems & Solutions on C Programming Additional Descriptive Questions on C References Index



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Software Engineering

Author : Nasib Singh Gill

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Product Description

Each and every chapter covers the contents up to a reasonable depth necessary for the intended readers in the field. The book consists in all about 1200 exercises based on the topics and sub-topics covered. Keeping in view the emerging trends in newly emerging scenario with new dimension of software engineering, the book specially includes the following chapters, but not limited to these only. This book explains all the notions related to software engineering in a very systematic way, which is of utmost importance to the novice readers in the field of software Engineering.



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