Fundamentals of Programming with C

By Michael Arock

Yes Dee Publishing Pvt Ltd, Chennai, 2014. Soft cover. Book Condition: New. 264pp. The book has two parts: The first on Programming Process and the second on Fundamentals with C. Algorithm writing is given due importance as it is mandatory before coding. The definition and characteristics of algorithms, need for pseudo-code, its difference from algorithm, formats needed for pseudo-code writing and carefully chosen problems (whose degrees of complexity increase steadfast) are all coherently given. Concepts of sub-programs including parameter passing methods and recursion are also discussed. Part I ends with the discussion on the need and importance of data structures. It also focus on arrays, linked lists and trees. Part II covers the practical application of concepts. C programming language, is used to depict how pseudo-codes developed can be implemented and realized as solution providers. It begins with the fundamental structures in C corresponding to sequential, selective and repetitive structures. Then, advanced facilities like functions and arrays are explained. Later, pointers, structures and unions are discussed with appropriate examples. Finally, a special treatment for file structures is given. Thus, the essential ideas of programming followed by their comprehension with C will definitely provide a strong proper base of programming in...

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Comprehensive guide! Its this type of very good read through. It is actually writter in simple words and phrases rather than difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.
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