C: From Theory to Practice

By George S. Tselikis, Nikolaos D. Tselikas

Taylor & Francis Inc. Paperback. Book Condition: new. BRAND NEW, C: From Theory to Practice, George S. Tselikis, Nikolaos D. Tselikas, Designed for a compulsory fundamental course, C: From Theory to Practice uses a hands-on approach to teach the C programming language, using numerous examples and a clear, concise presentation. Easy to use and classroom tested, this textbook includes more than 500 exercises and examples of progressive difficulty to help students in understanding all the aspects and peculiarities of C. The exercises test students on various levels of programming and the examples enhance their concrete understanding of programming know-how. Divided into three parts, this book: * Introduces the basic concepts of C, like getting input from a user, C's operators, selection statements, and loops. * Emphasizes major features of C such as arrays, pointers, functions and strings. * Covers advanced topics such as like searching and sorting arrays' algorithms, structures and unions, memory management, the preprocessor and files. The book tests the skills of beginners and advanced developers by providing an easy-to-read compilation of the C theory enriched with tips and advice as well as difficulty-scaled solved programming exercises. It decodes the secrets of the C language, providing inside information...

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Reviews

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