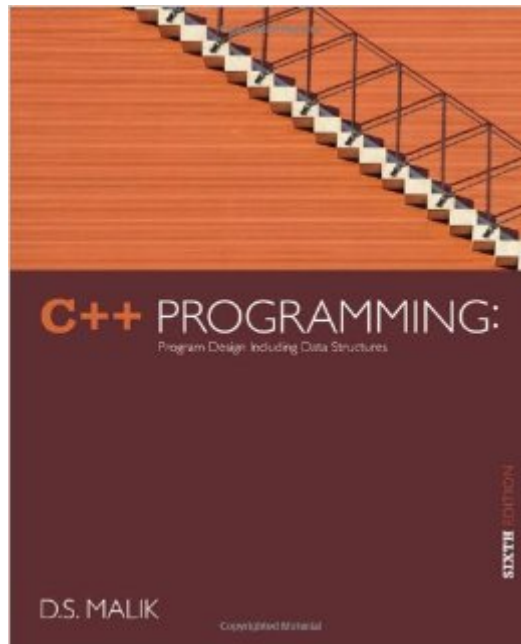# C++ Programming: Program Design Including Data Structures, 6th Edition

Synopsis

C++ PROGRAMMING: PROGRAM DESIGN INCLUDING DATA STRUCTURES, Sixth Edition remains the definitive text for the CS1/CS2 course sequence. D.S. Malik's time-tested, student-centered methodology uses a strong focus on problem-solving and full-code examples to vividly demonstrate the how and why of applying programming concepts and utilizing C++ to work through a problem. This new edition includes updated end-of-chapter exercises, new debugging exercises, an earlier introduction to variables and a streamlined discussion of user-discussion of user-defined functions. Malik's text ensures students learn how to apply the C++ programming language, and are motivated to understand the "why?" behind key C++ concepts.

Book Information

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Customer Reviews

The last 10 chapters of this book are required reading for a class I will be taking next semester so I purchased it with the hopes that some of the online reviews were mistaken. I did try to keep an open mind while reading it and I would like to also preface this review by saying I'm a beginner when it comes to programming.The good: Math-centric approach to programming. If you haven't finished your math series before reading the later chapters you may run into some issues. However you can skip the math exercises and still come away with a deeper understanding of c++. This books also appears to be very thorough (from a beginners perspective).The bad: The few reviews online that I read stated this book is "hard to follow". I would have to agree. But the reason it is hard to follow might be due to typos, incorrect solutions, failed logic, and ambiguous programming exercises. I feel

this quote from the internet encapsulates the text portion of this book quite well:"actually the author didn't complete a programming text book. He completed a large, awkward, random assemblage of sentences. If fact, the sentences he apparently kidnapped in the dead of night and forced into this violent and arbitrary plan of his clearly seemed to be placed on the pages against their will. Reading this was like watching unfamiliar, uncomfortable people interact at a cocktail party that no one wanted to attend in the first place"-- The internet (slightly modified).

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