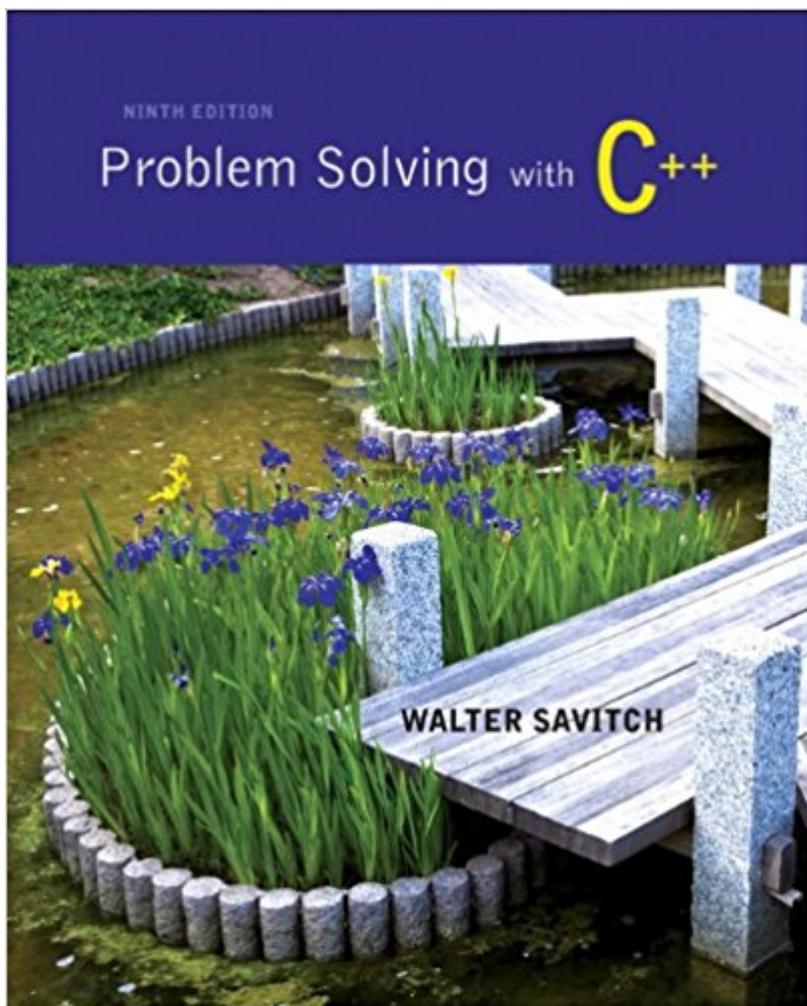


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Problem Solving With C++ (9th Edition)



Synopsis

Note: You are purchasing a standalone product; MyProgrammingLab does not come packaged with this content. If you would like to purchase both the physical text and MyProgrammingLab, search for ISBN-10: 0133862216/ISBN-13: 9780133862218. That package includes ISBN-10: 0133591743/ISBN-13: 9780133591743 and ISBN-10: 0133834417 /ISBN-13: 9780133834413.

MyProgrammingLab is not a self-paced technology and should only be purchased when required by an instructor. *Problem Solving with C++* is intended for use in the C++ introductory programming course. Created for the beginner, it is also suitable for readers interested in learning the C++ programming language. *Problem Solving with C++* continues to be the most widely used textbook by students and instructors in the introduction to programming and C++ language course. Through each edition, hundreds and thousands of students have valued Walt Savitch's approach to programming, which emphasizes active reading through the use of well-placed examples and self-test examples. Created for the beginner, this book focuses on cultivating strong problem-solving and programming techniques while introducing students to the C++ programming language. MyProgrammingLab for *Problem Solving with C++* is a total learning package. MyProgrammingLab is an online homework, tutorial, and assessment program that truly engages students in learning. It helps students better prepare for class, quizzes, and exams—resulting in better performance in the course—and provides educators a dynamic set of tools for gauging individual and class progress. *Teaching and Learning Experience* This program presents a better teaching and learning experience—for you and your students. *Personalized Learning with MyProgrammingLab:* Through the power of practice and immediate personalized feedback, MyProgrammingLab helps students fully grasp the logic, semantics, and syntax of programming. *Keep Your Course Current:* This edition features a new introduction to C++11 in the context of C++98. *Flexible Coverage that Fits your Course:* Instructors can easily adapt the order in which chapters and sections are covered in their course without losing continuity. *Clear and Friendly Presentation:* Savitch's clear, concise style is a hallmark feature of the text, receiving praise from students and instructors alike. *Tried-and-true Pedagogy:* A suite of pedagogical tools, enhanced by understandable language and code, has been used by hundreds of thousands of students and instructors.

Book Information

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Customer Reviews

Walter Savitch is Professor Emeritus of Computer Science at the University of California, San Diego. He received his PhD in mathematics from the University of California, Berkeley in 1969. Since that time he has been on the faculty of the University of California, San Diego (UCSD). He served as director of the UCSD Interdisciplinary PhD program in cognitive science for over ten years. He has served as a visiting researcher at the computer science departments of the University of Washington in Seattle and at the University of Colorado in Boulder, and has been a visiting scholar at the Centrum voor Wiskunde en Informatica in Amsterdam.

While there are sometimes many examples, this book will drone on and on over something it could've explained in a sentence or two. Which makes it really hard to sit and read for 20-80 pages at a time without zoning out.

Not a great book, but not a bad one either. It's a nice introductory text, although maybe a bit wordy at times. Has a few references to syntax in new C++ 11 standard, which is helpful. However, my friend has an older copy of this book- the fourth edition. It is roughly the same book. If your teacher assigns end-of-chapter questions, the numbers might not be the same, but otherwise it seems identical. If you're assigned this book for class, you could probably save \$100 and buy an older edition. Kind of wishing I had.

This is a beginners learn C++ book. It think it would work well for someone who has never

programmed, though there is enough thoughtful details that a programmer wouldn't be bored with the beginners information at the start of the book. The writing style and explanations are very clear and concise with an appropriate number of useful examples. I would recommend this to someone wishing to learn C++, of which I have had a hard time finding a good book on. I wish I found this years ago instead of the other ones that I have, which have been painful to learn from -- hence why I am still not very C++ savvy. It does not teach you C first, which is preferable in my view (though I love C and am C savvy). It dives right in to the C++ feature set and does utilize the C++ STL (Standard Template Library) right from the start (isn't a C printf statement anywhere in the book). It does appear to go deep into many things. Here are a few of what I would consider important chapters (overall chapter topics): variables, looping & flow control & branching, functions, streams, arrays, string class & vectors, classes, inheritance, namespaces, nodes and linked lists, recursion, and exception handling to name a few of the 18 chapters. The 'slightly misleading title' is the "Problem Solving" part of the title. "Problem Solving with C++" doesn't sound like a beginners book, it sounds like an advanced book that teaches new problems solving concepts and techniques to those who already know C++. Something like "Learning C++ With A Problem Solving Approach" would be more appropriate for this book. I am 100 pages into this book (which went very smoothly), therefore will update this review in future. It only lost one star because of the title and because I haven't read the whole thing yet. So far I think it's an outstanding C++ book.

Over all I thought this was an amazing book for step by step formal training to learn C++. I used this during an accelerated course and maintained an A the whole time. It has good chapter reviews and subsection questions that help drive the process along the way. If using this for a course I highly suggest completing every chapter review and every the programs that are simple and easy because it will make you that much more familiar with coding environment you are using.

Since has attempted to charge me for rental book damage that has already been done when the book first arrived, I am writing this review as a proof in case that this type of situation happens again. The attached photos show the condition of the book right after the package is opened. The book has obviously been damaged by water before, not severely but the damage is there. Considering what has done before, it might attempt to charge me for this. Despite this, the book itself is very well written, which is why the 3-star is given. The content is very clear and shall be considered as a great tool for beginners.

This book is required for my class, I like it but there are some issues that should be addressed. 1) The book is a bit too wordy for my taste. An example is their definition for the ceiling and floor functions. Instead of simply stating that ceiling rounds the number up to the nearest whole number, and floor rounds the number down to the nearest whole number, they give an overly unneeded and complex explanation. There are many more cases with this, especially during the Self Test exercises on evaluating Boolean Expressions. Besides that, this is a pretty good book.

Great book! Simple and easy to follow! Great for beginners. My only caveat is that since I was not a beginner (I already knew C well), that I personally would have benefitted from a book geared more for someone like me. So if you are experienced coming in like me, I know that Savitch has another book he himself recommends for that situation. If you're a beginner, go for it - Savitch is a great author.

excellent

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