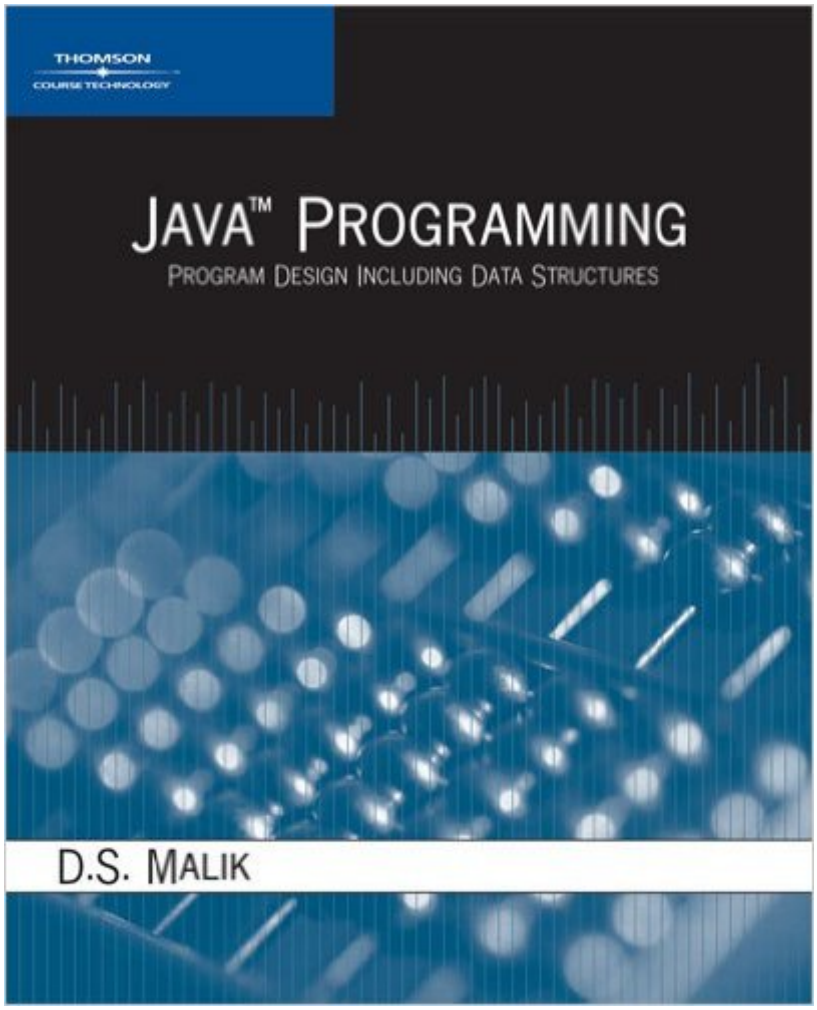
Java Programming: Program Design Including Data Structures



Synopsis

Java Programming: Program Design Including Data Structures is intended for a two-semester CS1/CS2 sequence in Java, beginning with core computer science concepts and moving into data structures later in the text. Each chapter employs D.S. Malik's proven pedagogy, including complete programming examples, extensive exercise sets, full-color code, and clear visual diagrams.

Book Information

Series: Data Structures

Paperback: 1616 pages

Publisher: Cengage Learning; 1 edition (December 13, 2005)

Language: English

ISBN-10: 1418835404

ISBN-13: 978-1418835408

Product Dimensions: 2.2 x 7.8 x 9.2 inches

Shipping Weight: 5.1 pounds

Average Customer Review: 2.9 out of 5 starsÂ Â See all reviewsÂ (14 customer reviews)

Best Sellers Rank: #292,648 in Books (See Top 100 in Books) #37 inÂ Books > Computers & Technology > Programming > Algorithms > Data Structures #326 inÂ Books > Computers & Technology > Programming > Languages & Tools > Java #1293 inÂ Books > Textbooks > Computer Science > Programming Languages

Customer Reviews

I am keeping this book however its not well written. The first few chapters (I had this book for two courses) are decent and explain everything well. Later in the book however its hard to bridge the gap between the examples and the actual reading in the chapter. Would be better if there was more conceptual details. There are also several grammar errors. It's good to have on hand for basic information to refer to. I wouldn't recommend this book if it isn't required by your professor.

I used this in an Intro to Java Programming class and found it was quite simple to read and understand the topics. Ultimately it provided a great foundation to write initial programs and explore the various components. Malik utilizes neat organized programming techniques that students should practice from the beginning of their coding careers, code is meant to be used and re-used and re-read by many people, write it that way. I found myself using this book as a reference on the job for basic Java concepts I needed to quickly use. I liked the book, however, I wouldn't recommend

using it for Data Structures, there just isn't much depth in the topic and it's basically an intro to data structures that every Intro to Java book should carry.

I hate this book maybe because I am biased against my instructor. I find that it is not clear and will on for pages without ever getting to the point the writer is trying to make. If you are a Java master you will get his jokes and hate him for them, if you are not you will just wonder if you are supposed to be doing something.

I ordered this book, because it is required by my University. But this book is not for beginner nor experience.I think the author of this book forgot that, he suppose to write his book to readers not himself. He uses some file in his example that is not in the book without even mentioning where the file is located (which is in the source code folder). I was pulling my hair to figured out where the intClass in his example7.7 of chapter7. Final by curiosity I went and look at the source code file to find the class was sitting there. how can he expect us to be in his shoes if we are just learning the language. He would take two to three pages just to explain something like (you need to improt java.util.Scanner) in order to use the Scanner class.I end up buying Tony Gaddis book to read and come to his waste of money book to do the homework. If is not required by your institution, do not waste your dollars in this pieces of pages.

I had to use this book in an Objects Graduate class and though the earlier chapters did instruct as to complete the exercises. But once past the 6th chapter, the book gave poor instructions on methods, arrays and objects. Many of my fellow students were of the same opinion. The exercise solutions were better found on the net rather than between the pages of this book. I think this book made Java much more difficult to learn.

On the positive side, this book is much more complete than other intro language books I have used. The last part of the book treats many common data structures that you would otherwise have to buy a separate textbook to cover.The book is very rigorous about separating different levels of abstraction, implementing most concepts with layered ADTs, parent, and child classes, as you would in production. That's good for learning how to modularize complex tasks. However, it also makes this dificult to use for reference. If you need a quick example of, say, a binary search tree, you can't get it here because you need to read 120 pages with the implementation spread out over an ADT and two separate classes.On the distinctly negative side, the explanations of many

concepts are very poorly written. Also, the book stinks, literally-the paper stock smells like a pulp factory, that is to say, roughly like a rat that died from eating too much sauerkraut.

As mentioned before, this book is not a reference, but rather a 'learn Java from the ground up' text. It is a very good 'hold-your-hand' text that eases you into Java. I actually enjoyed the overly-thorough explanations when I used it a couple of years ago. I had to use a piece of trash Drozdek DS&A book for school, and I'm now wishing that I had Malik's C++ version of this book by my side during that course.

Book tries to take on the big challenge of teaching JAVA which by its natuer is cryptic in natuer with all its talk on "objects".Not an easy subject but somehow this langauve is overcoming C++ as the language to know.gerard_sagliocca@yahoo.com

Java: The Ultimate Guide to Learn Java and Python Programming (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, ... Developers, Coding, CSS, PHP) (Volume 3) Java: The Simple Guide to Learn Java Programming In No Time (Programming,Database, Java for dummies, coding books, java programming) (HTML,Javascript,Programming,Developers,Coding,CSS,PHP) (Volume 2) Java Programming: Program Design Including Data Structures JAVA: JAVA in 8 Hours, For Beginners, Learn Java Fast! A Smart Way to Learn Java, Plain & Simple, Learn JAVA Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! Java Programming: Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... web design, tech, perl, ajax, swift, python) Java: Artificial Intelligence; Made Easy, w/ Java Programming; Learn to Create your * Problem Solving * Algorithms! TODAY! w/ Machine Learning & Data Structures (Artificial Intelligence Series) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics, Data ... (Hacking Freedom and Data Driven) (Volume 2) Swift: Programming, Master's Handbook; A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... engineering, r programming, iOS development) Php: Programming, Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... engineering, r programming, iOS development,) Python: Programming, Master's Handbook; A TRUE Beginner's

Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO ... engineering, r programming, iOS development) Ruby: Programming, Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... web design, tech, perl, ajax, swift, python,) Java Artificial Intelligence: Made Easy, w/ Java Programming; Learn to Create your * Problem Solving * Algorithms! TODAY! w/ Machine Learning & Data ... engineering, r programming, iOS development) Data Structures and Algorithms Made Easy in Java: Data Structure and Algorithmic Puzzles, Second Edition Java Methods: Object-Oriented Programming and Data Structures Java Programming for Kids: Learn Java Step By Step and Build Your Own Interactive Calculator for Fun! (Java for Beginners) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) C++: A Smart Way to Learn C++ Programming and Javascript (c plus plus, C++ for beginners, JAVA, programming computer, hacking, hacking exposed) (C ... Coding, CSS, Java, PHP) (Volume 1) JAVA Programming for Beginners: The Simple Guide to Learning JAVA Programming fast! Data Governance: How to Design, Deploy and Sustain an Effective Data Governance Program (The Morgan Kaufmann Series on Business Intelligence)