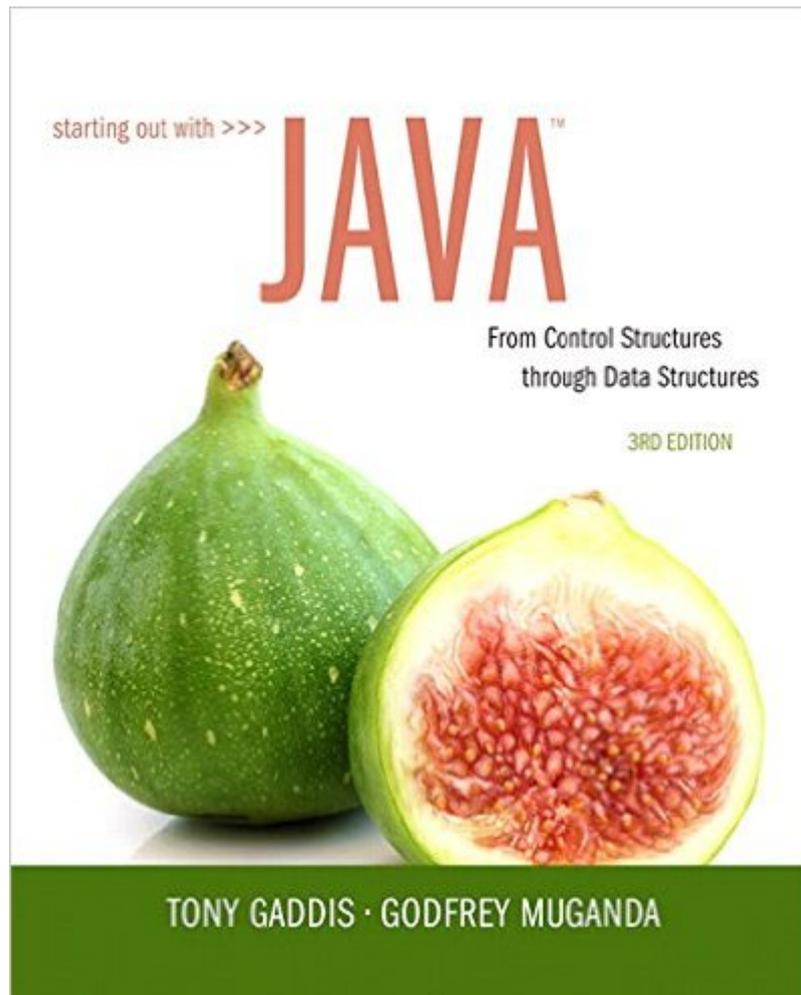# Starting Out With Java: From Control Structures Through Data Structures (3rd Edition)

Synopsis

For courses in computer science and programming Â   Starting Out with Java: From Control Structures through Data Structures provides a smooth introduction to programming with Java that moves fluidly from beginner to more advanced topics. The first half of the book is taught for a CS1 course and teaches fundamental programming and problem solving concepts, while the second half, meant for a CS2 course, teaches advanced topics, algorithms, and data structures. Â The Third Edition is extremely flexible in its organization, which teaches programmers to implement data structures with or without generics. As with all text in Gaddisâ ™ Starting Out series, the tone is friendly, the material detailed, and major concepts easy to understand. With rich examples throughout, programmers learn to use Java through real programming practice. Â   Note: This ISBNÂ contains anÂ Access Code on the inside front cover that provides access to the Companion Website.pearsonhighered.com, Â   If you want the book with MyProgramming Lab Access Card order; ISBN 013427847X / 9780134278476 Starting Out With Java: From Control Structures through Data Structures plus MyProgrammingLab with Pearson eText for Starting Out With Java: From Control Structures through Objects,3/e Package Â Package consists of: 0133957608 / 9780133957600 MyProgrammingLab with Pearson eText -- Access Card -- for Starting Out with Java: From Control Structures through Objects 0134038177 / 9780134038179 Starting Out with Java: From Control Structures through Data Structures Â Â

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Customer Reviews

After using this text for one semester as an adjunct instructor, I have to say that there must be, I

hope, better books for both students and instructors. For a 3rd edition, it's surprising that there are still some inaccuracies in the text - even the online version. And the test bank is really not a good assessment tool, and has questions which are poorly worded, and several even with incorrect answers. Considering that [test bank] is also an online source for instructors that should be corrected by now, it suggests that the publisher does not really care about this topic as much as the price suggests.And, the online access period for students who purchase the book or the online version (much cheaper) is only 6 months, even though the book states, and the mere size suggests, it is designed for at least a 2 semester course. Poor students! Buy a book for the better part of $200, but the online material won't be available for the 2nd semester of the class... Oh, but you can *buy* additional access from the publisher, of course.My third nit, as an instructor, is that the book is littered with "Checkpoints" that require access to myProgrammingLab (.com), but that is an additional cost item. Open your wallet.Finally, the book is very late in bringing modern UI concepts, i.e., windows, et al, into the picture. Since much of the current interest in Java is its applicability to mobile devices, this text, or courses that use it, may not be what you are looking for if learning to write Android apps is your primary goal. (It could serve that purpose, but clearly not what the text is targeted towards, and a dash to get there even in 2 semesters.)

If you're new to programming and are considering which book to buy, it is essential to consider that many good books (such as Head First Java, Core Java, Just Java, and The Java Tutorial) are meant for experienced programmers who need insight into Java's more complicated concepts. These aren't textbooks for students. But Tony Gaddis's books are, and this book is no exception; in fact, it is the best Java textbook I have ever bought. This book is loaded with examples, exercises, case studies, and projects. It has everything from loops to linked lists, and it does not neglect GUIs by placing GUI topics to an optional section at the end of the chapter or in the last chapters of the book. This book will also serve you well as a reference book and as preparation for the SCJP certificate. I have also bought Gaddis's Starting Out with C++ From Control Structures through Objects, 5th Edition, and I am quite willing to recommend, sight unseen, any book that Gaddis writes.

I got it for college. The book is good. I just think it's cheesy that they post the appendixes online. You have to use a code to access the appendixes and it is only good for six months. Whoever gets this book after me will not be able to access the site. Having added content online is a fantastic idea, but have items that are part of the actual book online is NOT.

It's mostly straightforward, but the examples don't exactly help as much as they should for the programming challenges. However, most of the time an IT/CS professor will give you better examples. And, most of the time a simple google search can help. Otherwise it's a pretty nice introduction+re-approach to Java programming. I'd suggest using Eclipse IDE for the projects.

Over all this book is better than some others i have used. unfortunately none of them really teach you anything, as they give you examples of certain things but give nothing for you to tie everything together, and no explanations why certain things go together and others don't.

I have gotten through 11 chapters of this book and I have thoroughly enjoyed the teaching style that has come along with it. Very clear and concise lessons working at a little slower of a pace. The book has kept me from feeling overwhelmed while learning Java.

Every programming language I have ever taken has lead to the same thing. I start with the book but eventually refer to the internet for the next level of information to complete the homework assigned. Its not a bad book in spite of this, because it is written well with good examples. Also another great part about the book is each chapter has a nice layout to find the section you are looking for by looking at the beginning at each chapter.

I got an A in my CS programming course with this book, although this book is not the textbook of the course. Now I'm taking a CS Data Structure course, and it also works very well.The point is that the teaching style of the book is very clear and thorough, especially in terms of a newbie stand point. A better way of using this book is that implementing all the examples and exercises on your own before you see their answers. Then you will have a very solid basis in order to escalate to next level of Java.

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