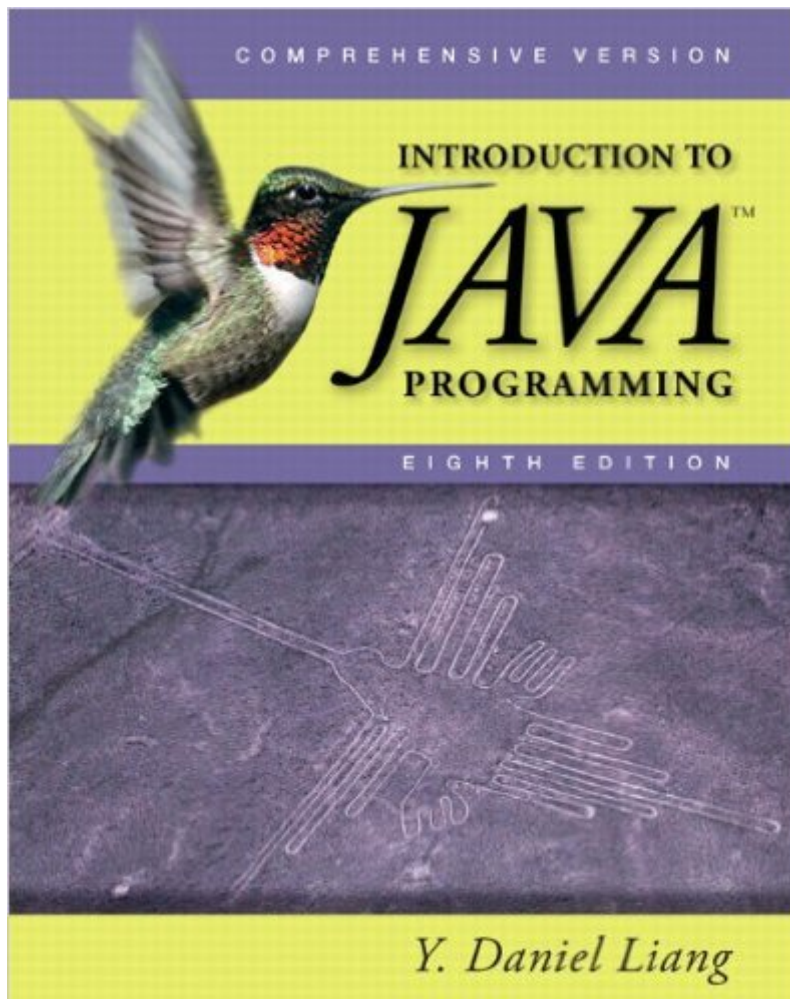# Introduction To Java Programming, Comprehensive (8th Edition)

Synopsis

Introduction to Java Programming, Comprehensive, 8e, features comprehensive coverage ideal for a one-, two-, or three-semester CS1 course sequence. Regardless of major, students will be able to grasp concepts of problem-solving and programming â ” thanks to Liangâ ™s fundamentals-first approach, students learn critical problem solving skills and core constructs before object-oriented programming. Liangâ ™s approach has been extended to application-rich programming examples, which go beyond the traditional math-based problems found in most texts. Students are introduced to topics like control statements, methods, and arrays before learning to create classes. Later chapters introduce advanced topics including graphical user interface, exception handling, I/O, and data structures. Small, simple examples demonstrate concepts and techniques while longer examples are presented in case studies with overall discussions and thorough line-by-line explanations. Increased data structures chapters make the Eighth Edition ideal for a full course on data structures.

Book Information

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Customer Reviews

If you prefer your computer technology learning in textbook style, then this is an excellent choice in books... Introduction to Java Programming - Comprehensive Version (Sixth Edition) by Y. Daniel Liang. It's an entire college-level course in Java in one very big (and well-written) volume...

Try to learn Java from the tutorials available online, and you encounter breezy references to

unfamiliar concepts and examples so complicated you can't tell the predefined Java classes from those the programmer has added. But if you make an investment and buy this book, a master teacher leads you by the hand.The organization of the text seems odd at first. Why, for example, does Liang introduce a single GUI component, JOptionPane, at the beginning? It turns out he is showing you how to parse strings into other data types. Why does coverage of the String class intervene in the middle? It turns out to be a good example of an object, following up on the previous chapter. Every concept is presented in a logical progression.Along the way, Liang makes excursions to topics like 2D arrays and Wrapper classes. I recently finished the brief version of this book and then needed to use a Swing feature, tables, which is covered only in the comprehensive version. So I had to rely on Sun's tutorial, which is excellent but assumes you know the basics. It gives no explanation of the object type used to hold a table's data -- but Liang's intro had prepared me to recognize and use a 2D array. My first attempt didn't work. Closer review showed that booleans and integers should be surrounded with extra code -- which, having read Liang, I knew were wrappers. That's when I decided to continue on to this comprehensive version. Liang is that good, you'll want all 1300 pages.Throughout the book are beautifully designed examples, presenting exactly the code necessary to illustrate the target concepts and no more, and presented in full. If you're new to OOP and unsure where to place certain code, you can use Liang's examples as guides.

JAVA: Quick and Easy JAVA Programming for Beginners (Java, java programming, java for dummies, java ee, java swing, java android, java mobile java apps) JAVA: The Ultimate Guide to Learn Java Programming Fast (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, Javascript, ... Developers, Coding, CSS, PHP Book 1) Java: The Ultimate Guide to Learn Java and C++ (Programming, Java, Database, Java for dummies, coding books, C programming, c plus plus, programming for ... Developers, Coding, CSS, PHP Book 2) JAVA: Easy Java Programming for Beginners, Your Step-By-Step Guide to Learning Java Programming (Java Series) Programming: Computer Programming for Beginners: Learn the Basics of Java, SQL & C++ - 3. Edition (Coding, C Programming, Java Programming, SQL Programming, JavaScript, Python, PHP) Javascript: Beginner to Expert with Javascript Programming (Javascript, Javascript Programming, Javascript for Beginners, Java, Java Programming, Java for Beginners,) Programming #8:C Programming Success in a Day & Android Programming In a Day! (C Programming, C++programming, C++ programming language, Android , Android Programming, Android Games) Programming #57: C++ Programming Professional Made Easy & Android

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