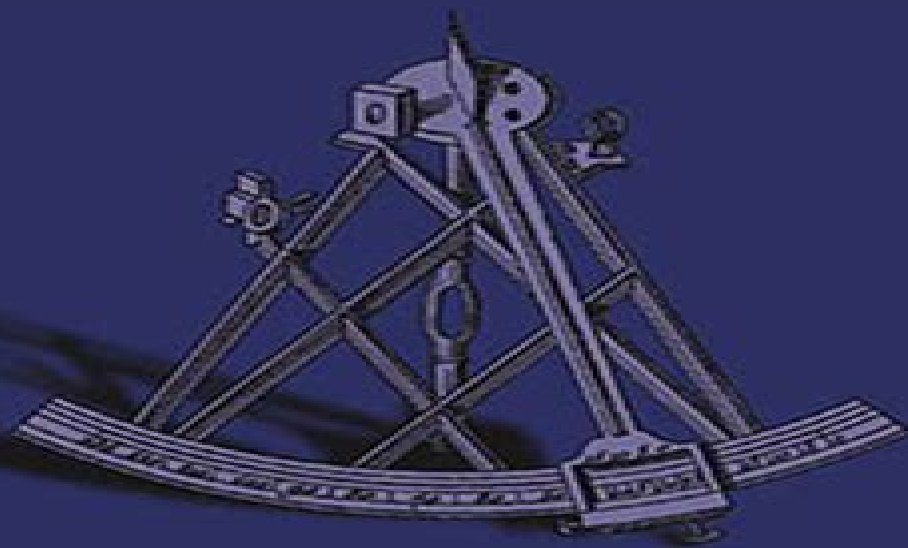




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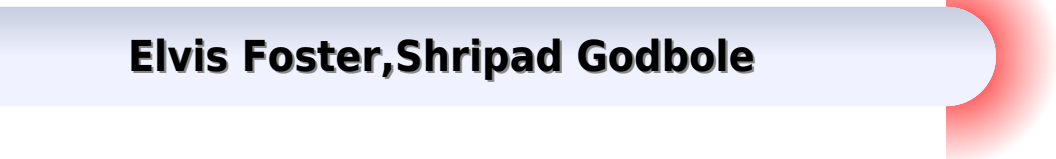
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Applications in Java Sartaj Sahni, 2000. Sahni's DATA STRUCTURES, ALGORITHMS, and APPLICATIONS in JAVA is designed to be used in a second course in computer science (CS2). Using Java, this book provides comprehensive coverage of the fundamental data structures, making it an excellent choice for a CS2 course. The author has made this book student-friendly through intuitive discussion, real-world applications, and a gentle introduction. Sahni is unique in providing several real-world applications for each data structure presented in the book. These applications come from such areas as sorting, compression, and coding and image processing. These applications give students a flavor for the sorts of things they will be able to do with the data structures that they are learning. Almost 1,000 exercises in this text serve to reinforce concepts and get students applying what they are learning. Sahni's text is also accompanied by a web site containing all the programs in the book as well as sample data, generated output, solutions to selected exercises, and enhanced discussion of selected material in the text.

Data Structures and Algorithms in Java Robert Lafore, 2017-09-06. Data Structures and Algorithms in Java, Second Edition, is designed to be easy to read and understand, although the topic itself is complicated. Algorithms are the procedures that software programs use to manipulate data structures. Besides clear and simple example programs, the author includes a workshop as a small demonstration program executable on a Web browser. The programs demonstrate in graphical form what data structures look like and how they operate. In the second edition, the program is rewritten to improve operation and clarify the algorithms. The example programs are revised to work with the latest version of the Java JDK, and questions and exercises will be added at the end of each chapter, making the book even more useful. Educational Supplement: Suggested solutions to the programming projects found at the end of each chapter are made available to instructors at recognized

educational institutions This educational supplement can be found at www.prenhall.com in the Instructor Resource Center

Database Systems Elvis Foster, Shripad Godbole, 2014-12-24 Database Systems A Pragmatic Approach is a classroom textbook for use by students who are learning about relational databases and the professors who teach them It discusses the database as an essential component of a software system as well as a valuable mission critical corporate resource The book is based on lecture notes that have been tested and proven over several years with outstanding results It also exemplifies mastery of the technique of combining and balancing theory with practice to give students their best chance at success Upholding his aim for brevity comprehensive coverage and relevance author Elvis C Foster s practical and methodical discussion style gets straight to the salient issues and avoids unnecessary fluff as well as an overkill of theoretical calculations The book discusses concepts principles design implementation and management issues of databases Each chapter is organized systematically into brief reader friendly sections with itemization of the important points to be remembered It adopts a methodical and pragmatic approach to solving database systems problems Diagrams and illustrations also sum up the salient points to enhance learning Additionally the book includes a number of Foster s original methodologies that add clarity and creativity to the database modeling and design experience while making a novel contribution to the discipline Everything combines to make Database Systems A Pragmatic Approach an excellent textbook for students and an excellent resource on theory for the practitioner

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