

# Data Structures and the Java Collections **Framework**

By William Collins



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Data Structures and the Java Collections Framework, 2/e by William Collins teaches the fundamentals of data structures using java. This student-friendly book focuses on teaching students how to apply the concepts presented. To that end many applications and examples are included throughout the book. Collins also provides programming projects at the end of each chapter, which get students hands on with code.

In the second edition, Collins has increased his coverage on teaching students to build data structures from scratch. He also continues to use the Java Collections Framework where appropriate. His goal is give students an excellent background in creating data structures themselves, as well as make them comfortable using the standard library.

On-line Labs accompany this book and make it easy to have students start practice what they are learning. These labs can be used as open-labs, closed labs, or homework assignments and are designed to give students hands-on experience in programming. . Key Handles: • Teaches the fundamentals of data structures using JAVA • Applications and examples are included throughout the text • New!! On-Line labs make it easy for the students to apply what they are learning • Emphasis is on building structures from scratch Increased coverage on teaching students to build data structures from scratch • Goal of text is to give students background in creating data structures themselves and then making them comfortable using the standard library



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