

Java by Abstraction: A Client-View Approach [PDF]

Book info:

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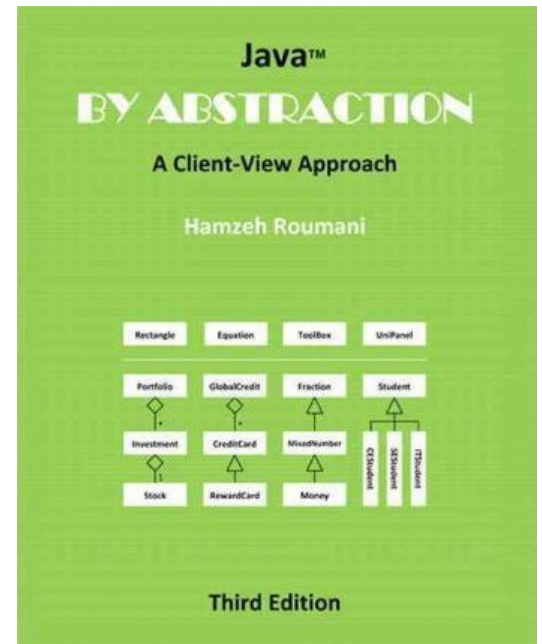
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For any computer science instructor who has lost first-year students to boredom or frustration, "Java by Abstraction: A Client-View Approach" comes as a welcome breath of fresh air: an introduction to Java programming that encourages students to build interesting applications from its first page. Instead of following the conventional approach to CSE, Roumani presents the fundamentals of object-oriented programming through an "objects-first" model. It's like learning to drive a car before opening the hood and examining the engine: a way to show students that with just a little practice, they can program in Java with ease. Intended for use in a first course in object-oriented programming in undergraduate computer science or computer engineering programs, this book helps students develop system thinking and a deeper understanding of the underlying concepts of Java programming. By urging students to build meaningful apps from the beginning, this innovative approach engages them more effectively and quickly.