Ada 95: Problem Solving and Program Design (3rd Edition)

By Feldman, Michael B.; Koffman, Elliot B.

Addison-Wesley, 1999. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. Introduction to Computers and Programming. Electronic Computers Then and Now. Hardware Components of a Computer. Computer Software. Problem Solving and Programming. The Software Development Method. CASE STUDY Changing a Flat Tire. Programming Languages. About Ada. Processing a High-Level Language Program. A Step-by-Step Compilation Exercise. Tricks of the Trade: Common Programming Errors. 2. Introducing Algorithms: Adventures of the Spider. Introducing the Spider. Straight-Line Algorithms. Algorithms with Single Loops. Algorithms with Nested Loops. Algorithms with Conditional Execution. Putting It All Together: The Drunken Spider. 3. Introduction to Straight-Line Programs. The General Structure of Ada Programs. System Structures: Numerical Input and Output. Data Structures: Declaring Constant and Variable Objects. System Structures: General Form of an Ada Program. Problem Solving: Software Development Illustrated. CASE STUDY Converting Units of Measurement. Control Structures: Assignment Statements. Control Structures: Input/Output Statements. Data Structures: Introduction to Data Types and Expressions. CASE STUDY Finding the Value of a Coin Collection. Tricks of the Trade: Common Programming Errors. 4. Problem Solving and Using Packages. Data Structures: Introduction to Subtypes. Problem Solving: Building Programs from Existing Information. CASE STUDY Finding Area and Circumference of a...

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