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For introductory courses in computer programming A Problem-Solving Approach to Programming In Starting Out with C++: From Control Structures through Objects, Brief Edition, Gaddis takes a problem-solving approach, inspiring students to understand the logic behind developing quality programs while introducing the C++ programming language. This style of teaching builds programming confidence and enhances each student's development of programming skills. This edition in the Starting Out With Series covers the core programming concepts that are introduced in the first semester introductory programming course. As with all Gaddis texts, clear and easy-to-read code listings, concise and practical real-world examples, and an abundance of exercises appear in every chapter. The Eighth Edition is updated and revised to reflect changes to the C++ programming language. Also available with MyProgrammingLab™ This title is also available with MyProgrammingLab to help students fully grasp the logic, semantics, and syntax of programming. Through practice exercises and immediate, personalized feedback, MyProgrammingLab improves the programming competence of beginning students who often struggle with the basic concepts and paradigms of popular high-level programming languages. MyProgrammingLab consists of hundreds of practice exercises organized around the structure of this textbook. For students, the system automatically detects errors in the logic and syntax of their code submissions and offers targeted hints that enable students to figure out what went wrong-and why. For instructors, a comprehensive gradebook tracks students' submissions and provides educators a dynamic tool for monitoring individual and class performance. MyProgrammingLab not included. Students, if MyProgrammingLab is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. MyProgrammingLab should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. MyProgrammingLab is an online homework, tutorial, and assessment product designed to personalize learning and improve results. With a wide range of interactive, engaging, and assignable activities, students are encouraged to actively learn and retain tough course concepts.

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