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Nota di contenuto	Complete Java 2 Certification Study Guide, Fifth Edition; Front matter; Acknowledgments; Contents at a Glance; Contents; Introduction; Assessment Test; Answers to Assessment Test; Part I: The Sun Certified Java Programmer Exam; Chapter 1: Language Fundamentals; Source Files; Keywords and Identifiers; Primitive Data Types; Literals; Arrays; Importing; Class Fundamentals; Argument Passing: By Reference or by Value; Garbage Collection; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 2: Operators and Assignments; Overview of the Java Operators; Evaluation Order The Unary Operators The Arithmetic Operators; The Comparison Operators; The Bitwise Operators; The Short-Circuit Logical Operators; The Conditional Operator; The Assignment Operators; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 3: Modifiers; Modifier Overview; Modifiers and Features; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 4: Converting and Casting; Explicit and Implicit Type Changes; Primitives and Conversion; Primitives and Casting; Object Reference Conversion; Object Reference Casting; Summary; Exam Essentials

Review Questions Answers to Review Questions; Chapter 5: Flow Control, Assertions, and Exception Handling; The Loop Constructs; The Selection Statements; Exceptions; Assertions; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 6: Objects and Classes; Benefits of Object-Oriented Implementation; Coupling and Cohesion; Implementing Object-Oriented Relationships; Methods, Overloading and Overriding; Constructors and Subclassing; Inner Classes; Contracts and Naming Conventions; Enums; Summary; Exam Essentials; Review Questions; Answers to Review Questions Chapter 7: Threads Thread Fundamentals; Controlling Threads; Monitors, Waiting, and Notifying; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 8: The java.lang and java.util Packages; The Object Class; The Math Class; Strings; The Wrapper Classes; The Collections Framework; Generic Collections; Scanning and Formatting Text; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 9: I/O and Streams; Text, UTF, and Unicode; File Input and Output; Streams, Readers, and Writers; Object Streams and Serialization; Summary; Exam Essentials Review Questions Answers to Review Questions; Part II: The Sun Certified Developer's Exam; Chapter 10: About the Developer's Exam; Are You Ready?; Formalities of the Exam; The Project Assignment; The Essay Exam; Grading; Chapter 11: Swing Components; A Strategy for Designing the GUI; Common Swing Methods; Basic Swing Components; JTable; JTree; JMenus and Actions; Panes; Summary; Chapter 12: Layout Managers; Layout Manager Theory; Layout Policies; Other Layout Options; Summary; Chapter 13: Object Streams and RMI; Sockets and Streams; Remote Method Invocation; Summary Chapter 14: Putting It All Together

Sommario/riassunto

Here's the book you need to prepare for the Java 2 Programmer (SCJP) and Developer (SCJD) exams. This Study Guide was developed to meet the exacting requirements of today's certification candidates. In addition to the consistent and accessible instructional approach that has earned Sybex the reputation as the leading publisher for certification self-study guides, this book provides: In-depth coverage of every exam objective for the revised SCJP Exam Hundreds of challenging practice questions Leading-edge exam preparation software, including a test engine and the entire book on PDF
