

1. Record Nr.	UNINA9910777951403321
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Titolo	SCJP Sun certified programmer for Java platform, SE6 study guide [[electronic resource] /] / Richard F. Raposa
Pubbl/distr/stampa	Indianapolis, IN, : Wiley Pub., 2009
ISBN	1-282-11464-6 9786612114649 0-470-48710-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (583 p.)
Collana	Serious skills SCJP
Disciplina	005.133 005.43 006.76
Soggetti	Electronic data processing personnel - Certification Operating systems (Computers) - Examinations Java (Computer program language) - Examinations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	SCJP Sun Certified Programmer for Java® Platform, SE6 Study Guide; Acknowledgments; About the Author; Contents at a Glance; Contents; Introduction; Assessment Test; Answers to Assessment Test; Chapter 1: Fundamentals; Writing Java Classes; Packages; Running Java Applications; Reference vs. Primitive Types; Garbage Collection; Call by Value; Java Operators; Equality of Objects; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 2: Declarations, Initialization, and Scoping; Declaring Variables; Scoping; Declaring Arrays; Declaring Classes; The Instantiation Process Declaring MethodsDeclaring Abstract Classes; Declaring Interfaces; Declaring Enumerations; Declaring Nested Classes; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 3: Flow Control; Overview of Flow Control; The if Statement; The switch Statement; The for Statement; The while Statement; The do Statement; The break Statement; The continue Statement; Overview of Assertions; Overview of Exceptions; Java API Exceptions and Errors; Summary; Exam Essentials; Review Questions; Answers to Review Questions;

Chapter 4: API Contents; The Primitive Wrapper Classes
Autoboxing and UnboxingStrings; Input and Output; File Input and Output; Object Serialization; Formatting and Parsing Data; Regular Expressions; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 5: Concurrency; Overview of Threads; Writing a Thread; Thread States; Thread Synchronization; The wait, notify, and notifyAll Methods; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 6: Object-Oriented Concepts; Encapsulation, Coupling, and Cohesion; OO Design Relationships; Modifiers and Inheritance; Polymorphism; Summary Exam EssentialsReview Questions; Answers to Review Questions; Chapter 7: Collections and Generics; Overview of Collections; Using Generics; Generic Types and Methods; Working with Lists; Working with Arrays; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Appendix: About the Companion CD; What You'll Find on the CD; System Requirements; Using the CD; Troubleshooting; Glossary; Index

Sommario/riassunto

Sun's foundation-level Sun Certified Java Programmer (SCJP) for Standard Edition 6 is a must-have for any Java programmer, and is a prerequisite for Sun's specialty certifications. This resource is essential preparation for the SCJP and focuses heavily on the skill set that Sun expects its SCJPs to have, with numerous examples, exercises, and real-world scenarios to give readers the tools needed to use what they learn. The material covers declarations, initialization, and scoping; flow control; API contents; concurrency; object-oriented concepts; collections/generics; and fundamentals. The int
