The Definitive Java Programming Guide
In *Java: The Complete Reference, Eighth Edition*, bestselling programming author Herb Schildt shows you everything you need to develop, compile, debug, and run Java programs. Updated for Java Platform, Standard Edition 7 (Java SE 7), this comprehensive volume covers the entire Java language, including its syntax, keywords, and fundamental programming principles. You'll also find information on key elements of the Java API library. JavaBeans, servlets, applets, and Swing are examined and real-world examples demonstrate Java in action. In addition, new Java SE 7 features such as **try**-with-resources, strings in **switch**, type inference with the diamond operator, NIO.2, and the Fork/Join Framework are discussed in detail.

Coverage includes:

- Data types and operators
- Control statements
- Classes and objects
- Constructors and methods
- Method overloading and overriding
- Interfaces and packages
- Inheritance
- Exception handling
- Generics
- Autoboxing
- Enumerations
- Annotations
- The **try**-with-resources statement
- Varargs
- Multithreading
- The I/O classes
- Networking
- The Collections Framework
- Applets and servlets
- JavaBeans
- AWT and Swing
- The Concurrent API
- Much, much more

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