

## Core Java 9th Edition Volume Ii

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The #1 Guide to Advanced Java Programming, Fully Updated for Java 11 Core Java has long been recognized as the leading, no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for real-world applications. Now, Core Java, Volume II—Advanced Features, Eleventh Edition, has been updated for Java 11, with up-to-date coverage of advanced UI and enterprise programming, networking, security, and Java’s powerful new module system. Cay S. Horstmann explores sophisticated new language and library features with the depth and completeness that readers expect from Core Java. He demonstrates how to use these features to build professional-quality applications, using thoroughly tested examples that reflect modern Java style and best practices, including modularization. Horstmann’s examples are carefully crafted for easy understanding and maximum practical value, so you can consistently use them to jump-start your own code. Master advanced techniques, idioms, and best practices for writing superior Java code Take full advantage of modern Java I/O APIs, object serialization, and regular expressions Efficiently connect to network services, implement network clients and servers, and harvest web data Query databases and manage database connections with the latest version of JDBC Simplify all aspects of date and time programming with the Java Date and Time API Write internationalized programs that localize dates, times, numbers, text, and GUIs Process code in three powerful ways: the scripting API, compiler API, and

annotation processing Learn how to migrate legacy code to the Java Platform Module System Leverage the modern Java security features most valuable to application programmers Program advanced client-side user interfaces, and generate images on the server Use JNI to interoperate with native C code See Core Java, Volume I—Fundamentals, Eleventh Edition (ISBN-13: 978-0-13-516630-7), for expert coverage of fundamental Java and UI programming, including objects, generics, collections, lambda expressions, Swing design, concurrency, and functional programming. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

Software -- Programming Languages.

An overview of the programming language's fundamentals covers syntax, initialization, implementation, classes, error handling, objects, applets, multiple threads, projects, and network programming.

Pinocchio, The Tale of a Puppet follows the adventures of a talking wooden puppet whose nose grew longer whenever he told a lie and who wanted more than anything else to become a real boy. As carpenter Master Antonio begins to carve a block of pinewood into a leg for his table the log shouts out, "Don't strike me too hard!" Frightened by the talking log, Master Cherry does not know what to do until his neighbor Geppetto drops by looking for a piece of wood to build a marionette. Antonio gives the block to Geppetto. And thus begins the life of Pinocchio, the puppet that turns into a boy. Pinocchio, The Tale of a Puppet is a novel for children by Carlo Collodi is about the mischievous adventures of Pinocchio, an animated marionette, and his poor father and woodcarver Geppetto. It is considered a classic of children's literature and has spawned many derivative works of art. But this is not the story we've seen in film but the original version full of harrowing adventures faced by Pinnocchio. It includes 40 illustrations.

Advanced features

Learn to Program the Fundamentals the Java 9+ Way Inequality in a Rapidly Changing World

Java, Java, Java

Demonstrates the features of the most recent upgrade to the Java programming language, covering topics including core language and library features, networking, XML, advanced GUI components, JavaBeans, security, and RMI and Web services.

A practical introduction to Java programming—fully revised for long-term support release Java SE 11 Thoroughly updated for Java Platform Standard Edition 11, this hands-on resource shows, step by step, how to get started programming in Java from the very first chapter. Written by Java guru Herbert Schildt, the book starts with the basics, such as how to create, compile, and run a Java program. From there, you will learn essential Java keywords, syntax, and commands. Java: A Beginner's Guide, Eighth Edition covers the basics and touches on advanced features, including multithreaded programming, generics, Lambda expressions, and Swing. Enumeration, modules, and interface methods are also clearly explained. This Oracle Press guide delivers the appropriate mix of theory and practical coding necessary to get you up and running developing Java applications in no time. • Clearly explains all of the new Java SE 11 features • Features self-tests, exercises, and downloadable code samples • Written by bestselling author and leading Java authority Herbert Schildt

Core Java has long been recognised as the leading no-nonsense tutorial and reliable reference. It carefully explains the most important language and library features and shows how to build real-world applications with thoroughly tested examples. The example programs have been carefully crafted to be easy to understand as well as useful in practice, so you can rely on them as the starting point for your own code. All of the code examples

have been rewritten to reflect modern Java best practices and code style. The critical new features introduced with Java SE 9 are all thoroughly explored with the depth and completeness that readers expect from this title. Core Java Volume I walks readers through the all details and takes a deep dive into the most critical features of the language and core libraries. This guide will help you Leverage your existing programming knowledge to quickly master core Java syntax Understand how encapsulation, classes, and inheritance work in Java Master interfaces, inner classes, and lambda expressions for functional programming Improve program robustness with exception handling and effective debugging Write safer, more readable programs with generics and strong typing Use pre-built collections to collect multiple objects for later retrieval Master concurrent programming techniques from the ground up Build modern cross-platform GUIs with standard Swing components Deploy configurable applications and applets, and deliver them across the Internet Simplify concurrency and enhance performance with new functional techniques

The release of Java SE 8 introduced significant enhancements that impact the Core Java technologies and APIs at the heart of the Java platform. Many old Java idioms are no longer required and new features like lambda expressions will increase programmer productivity, but navigating these changes can be challenging. Core Java for the Impatient is a complete but concise guide to Java SE 8. Written by Cay Horstmann--the author of Java SE 8 for the Really Impatient and Core Java(tm), the classic, two-volume introduction to the Java language--this indispensable new tutorial offers a faster, easier pathway for learning the language and libraries. Given the size of the language and the scope of the new features introduced in Java SE 8, there's plenty of material to cover, but it's presented in small chunks organized for quick access and easy understanding. If you're an experienced programmer, Horstmann's practical insights and sample code will help you quickly take advantage of lambda expressions (closures), streams, and other Java language and platform improvements. Horstmann covers everything developers need to know about modern Java, including Crisp and effective coverage of lambda expressions, enabling you to express actions with a concise syntax A thorough introduction to the new streams API, which makes working with data far more flexible and efficient A treatment of concurrent programming

that encourages you to design your programs in terms of cooperating tasks instead of low-level threads and locks Up-to-date coverage of new libraries like Date and Time Other new features that will be especially valuable for server-side or mobile programmers Whether you are just getting started with modern Java or are an experienced developer, this guide will be invaluable for anyone who wants to write tomorrow's most robust, efficient, and secure Java code.

Head First Java

World Social Report 2020

Fundamentals

Core Java Volume I--Fundamentals

The professional programmer's Deitel® guide to Java® 9 and the powerful Java platform Written for programmers with a background in another high-level language, this book applies the Deitel signature live-code approach to teaching programming and explores the Java® 9 language and APIs in depth. The book presents concepts in fully tested programs, complete with code walkthroughs, syntax shading, code highlighting and program outputs. It features hundreds of complete Java 9 programs with thousands of lines of proven code, and hundreds of software-development tips that will help you build robust applications. Start with an introduction to Java using an early classes and objects approach, then rapidly move on to more advanced topics, including JavaFX GUI, graphics, animation and video, exception handling, lambdas, streams, functional interfaces, object serialization, concurrency, generics, generic collections, database with JDBC™ and JPA, and compelling new Java 9 features, such as the Java Platform Module System, interactive Java with JShell (for discovery, experimentation and rapid prototyping) and more. You'll enjoy the Deitels' classic treatment of object-oriented programming and the object-oriented design ATM case study, including a complete Java implementation. When you're finished, you'll have everything you need to build industrial-strength, object-oriented Java 9 applications. New Java® 9 Features Java® 9's Platform Module System Interactive Java via JShell--Java 9's REPL Collection Factory Methods, Matcher Methods, Stream Methods, JavaFX Updates, Using Modules in JShell, Completable Future Updates, Security Enhancements, Private Interface

Methods and many other language and API updates. Core Java Features Classes, Objects, Encapsulation, Inheritance, Polymorphism, Interfaces Composition vs. Inheritance, "Programming to an Interface not an Implementation" Lambdas, Sequential and Parallel Streams, Functional Interfaces with Default and Static Methods, Immutability JavaFX GUI, 2D and 3D Graphics, Animation, Video, CSS, Scene Builder Files, I/O Streams, XML Serialization Concurrency for Optimal Multi-Core Performance, JavaFX Concurrency APIs Generics and Generic Collections Recursion, Database (JDBC™ and JPA) Keep in Touch Contact the authors at: deitel@deitel.com Join the Deitel social media communities LinkedIn® at bit.ly/DeitelLinkedIn Facebook® at facebook.com/DeitelFan Twitter® at twitter.com/deitel YouTube™ at youtube.com/DeitelTV Subscribe to the Deitel ® Buzz e-mail newsletter at www.deitel.com/newsletter/subscribe.html For source code and updates, visit: www.deitel.com/books/Java9FP

This book is suitable for use in a university-level first course in computing (CS1), as well as the increasingly popular course known as CS0. It is difficult for many students to master basic concepts in computer science and programming. A large portion of the confusion can be blamed on the complexity of the tools and materials that are traditionally used to teach CS1 and CS2. This textbook was written with a single overarching goal: to present the core concepts of computer science as simply as possible without being simplistic.

A practical introduction to Java programming--fully revised for the latest version, Java SE 17 Thoroughly updated for Java Platform Standard Edition 17, this hands-on resource shows, step by step, how to get started programming in Java from the very first chapter. Written by Java guru Herbert Schildt, the book starts with the basics, such as how to create, compile, and run a Java program. From there, you will learn essential Java keywords, syntax, and commands. Java: A Beginner's Guide, Ninth Edition covers the basics and touches on advanced features, including multithreaded programming, generics, Lambda expressions, and Swing. Enumeration, modules, and interface methods

are also clearly explained. This guide delivers the appropriate mix of theory and practical coding necessary to get you up and running developing Java applications in no time! Clearly explains all of the new Java SE 17 features Features self-tests, exercises, and downloadable code samples Written by bestselling author and leading Java authority Herbert Schildt

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

The World Book Encyclopedia  
Java for Absolute Beginners  
Core Java, Volume II--Advanced Features  
Eighth Edition

Learning a complex new language is no easy task especially when it s an object-oriented computer programming language like Java. You might think the problem is your brain. It seems to have a mind of its own, a mind that doesn't always want to take in the dry, technical stuff you're forced to study. The fact is your brain craves novelty. It's constantly searching, scanning, waiting for something unusual to happen. After all, that's the way it was built to

help you stay alive. It takes all the routine, ordinary, dull stuff and filters it to the background so it won't interfere with your brain's real work--recording things that matter. How does your brain know what matters? It's like the creators of the Head First approach say, suppose you're out for a hike and a tiger jumps in front of you, what happens in your brain? Neurons fire. Emotions crank up. Chemicals surge. That's how your brain knows. And that's how your brain will learn Java. Head First Java combines puzzles, strong visuals, mysteries, and soul-searching interviews with famous Java objects to engage you in many different ways. It's fast, it's fun, and it's effective. And, despite its playful appearance, Head First Java is serious stuff: a complete introduction to object-oriented programming and Java. You'll learn everything from the fundamentals to advanced topics, including threads, network sockets, and distributed programming with RMI. And the new. second edition focuses on Java 5.0, the latest version of the Java language and development platform. Because Java 5.0 is a major update to the platform, with deep, code-level changes, even more careful study and implementation is required. So learning the Head First way is more important than ever. If you've read a Head First book, you know what to expect--a visually rich format designed for the way your brain works. If you haven't, you're in for a treat. You'll see why people say it's unlike any other Java book you've ever read. By exploiting how your brain works, Head First Java compresses the time it takes to learn and retain--complex information. Its unique approach not only shows you what you need to know about Java syntax, it teaches you to think like a Java programmer. If you want to be bored, buy some other book. But if you want to understand Java, this book's for you.

An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

"Java, Java, Java, Third Edition systematically

introduces the Java 1.5 language to the context of practical problem-solving and effective object-oriented design. Carefully and incrementally, the authors demonstrate how to decompose problems, use UML diagrams to design Java software that solves those problems, and transform their designs into efficient, robust code. Their "objects-early" approach reflects the latest pedagogical insights into teaching Java, and their examples help readers apply sophisticated techniques rapidly and effectively."--BOOK JACKET.

Takes a tutorial approach towards developing and serving Java applets, offering step-by-step instruction on such areas as motion pictures, animation, applet interactivity, file transfers, sound, and type. Original. (Intermediate).

Introduction to Programming Using Java  
The Kite Rider

Core Java for the Impatient  
A Brain-Friendly Guide

Core Java® has long been recognised as the leading, no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for real-world applications. Now, Core Java®, Volume II-Advanced Features, 11th Edition, has been updated to reflect Java SE 9. Core Java, Vol. II covers advanced user-interface programming and the enterprise features of the Java SE 9 platform. It carefully explains the most important language and library features and shows how to build real-world applications with thoroughly tested examples. The example programs have been carefully crafted to be easy to understand as well as useful in practice, so you can rely on them as the starting point for your own code. All of the code examples have been rewritten to reflect modern Java best practices and code style. The critical new features introduced with Java SE 9 are all thoroughly explored with the depth and completeness that readers expect from this title.

This revised edition of the classic Core Java™, Volume I--Fundamentals , is the definitive guide to Java for serious programmers who want to put Java to work on real projects. Fully updated for the new Java SE 6 platform,

this no-nonsense tutorial and reliable reference illuminates the most important language and library features with thoroughly tested real-world examples. The example programs have been carefully crafted to be easy to understand as well as useful in practice, so you can rely on them as an outstanding starting point for your own code. Volume I is designed to quickly bring you up to speed on what's new in Java SE 6 and to help you make the transition as efficiently as possible, whether you're upgrading from an earlier version of Java or migrating from another language. The authors concentrate on the fundamental concepts of the Java language, along with the basics of user-interface programming. You'll find detailed, insightful coverage of Java fundamentals Object-oriented programming Interfaces and inner classes Reflection and proxies The event listener model GUI programming with Swing Packaging applications Exception handling Logging and debugging Generic programming The collections framework Concurrency For detailed coverage of XML processing, networking, databases, internationalization, security, advanced AWT/Swing, and other advanced features, look for the forthcoming eighth edition of Core Java™, Volume II—Advanced Features (ISBN: 978-0-13-235479-0).

Write your first code in Java using simple, step-by-step examples that model real-world objects and events, making learning easy. With this book you'll be able to pick up the concepts without fuss. Java for Absolute Beginners teaches Java development in language anyone can understand, giving you the best possible start. You'll see clear code descriptions and layout so that you can get your code running as soon as possible. After reading this book, you'll come away with the basics to get started writing programs in Java. Author Iuliana Cosmina focuses on practical knowledge and getting up to speed quickly—all the bits and pieces a novice needs to get started programming in Java. First, you'll discover how Java is executed, what type of language it is, and what it is good for. With the theory out of the way, you'll install Java, choose an editor such as IntelliJ IDEA, and write your first simple Java program. Along the way you'll compile and execute this program so it can run on any platform that supports Java.

As part of this tutorial you'll see how to write high-quality code by following conventions and respecting well-known programming principles, making your projects more professional and efficient. Finally, alongside the core features of Java, you'll learn skills in some of the newest and most exciting features of the language: Generics, Lambda expressions, modular organization, local-variable type inference, and local variable syntax for Lambda expressions. Java for Absolute Beginners gives you all you need to start your Java 9+ programming journey. No experience necessary. What You'll Learn Use data types, operators, and the new stream API Install and use a build tool such as Gradle Build interactive Java applications with JavaFX Exchange data using the new JSON APIs Play with images using multi-resolution APIs Use the publish-subscribe framework Who This Book Is For Those who are new to programming and who want to start with Java. Java 2.0 makes major improvements in areas that are critical to sophisticated developers. This book includes expert guidance on the basics of Java 2 multithreading, networking, database connectivity, remote objects, JavaBeans, and security.

Core Java, Volume I--Fundamentals

Core Java® Volume II - Advanced Features, Ninth Edition  
Volume I - Fundamentals, Ninth Edition

Python Programming

Core Java has long been recognized as the leading, no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for real-world applications. Now, Core Java, Volume II--Advanced Features, Tenth Edition, has been extensively updated to reflect the most eagerly awaited and innovative version of Java in years: Java SE 8. Rewritten and reorganized to illuminate powerful new Java features, idioms, and best practices for enterprise and desktop development, it contains hundreds of up-to-date example programs--all carefully crafted for easy understanding and practical applicability. Writing for serious programmers solving real-world problems, Cay Horstmann deepens your understanding of today's Java language and library. In this second of two updated volumes, he offers in-depth coverage of advanced topics including the new Streams API and date/time/calendar library, advanced Swing, security, code processing, and more. This guide will help you Use the new

Streams library to process collections more flexibly and efficiently Efficiently access files and directories, read/write binary or text data, and serialize objects Work with Java SE 8's regular expression package Make the most of XML in Java: parsing, validation, XPath, document generation, XSL, and more Efficiently connect Java programs to network services Program databases with JDBC 4.2 Elegantly overcome date/time programming complexities with the new java.time API Write internationalized programs with localized dates/times, numbers, text, and GUIs Process code with the scripting API, compiler API, and annotation processors Enforce security via class loaders, bytecode verification, security managers, permissions, user authentication, digital signatures, code signing, and encryption Master advanced Swing components for lists, tables, trees, text, and progress indicators Produce high-quality drawings with the Java 2D API Use JNI native methods to leverage code in other languages If you're an experienced programmer moving to Java SE 8, Core Java, Tenth Edition, is the reliable, practical, and complete guide to the Java platform that has been trusted by developers for over twenty years. Look for the companion volume, Core Java, Volume I--Fundamentals, Tenth Edition (ISBN-13: 978-0-13-417730-4), for foundational coverage of Java 8 language concepts, UI programming, objects, generics, collections, lambda expressions, concurrency, functional programming, and more.

This report examines the links between inequality and other major global trends (or megatrends), with a focus on technological change, climate change, urbanization and international migration. The analysis pays particular attention to poverty and labour market trends, as they mediate the distributional impacts of the major trends selected. It also provides policy recommendations to manage these megatrends in an equitable manner and considers the policy implications, so as to reduce inequalities and support their implementation. With this book/CD package, experienced programmers will get to the heart of Java quickly and easily--from the fundamentals to advanced tips and tricks of the experts. The book is perfect for C/C++ programmers who want to add Java to their skill set, Visual Basic programmers who want to learn Java to broaden their marketability, and COBOL programmers who want to "retool" by learning Java.

Scala is a modern programming language for the Java Virtual Machine (JVM) that combines the best features of object-oriented and functional programming languages. Using Scala,

you can write programs more concisely than in Java, as well as leverage the full power of concurrency. Since Scala runs on the JVM, it can access any Java library and is interoperable with Java frameworks. *Scala for the Impatient* concisely shows developers what Scala can do and how to do it. In this book, Cay Horstmann, the principal author of the international best-selling *Core Java™*, offers a rapid, code-based introduction that's completely practical. Horstmann introduces Scala concepts and techniques in "blog-sized" chunks that you can quickly master and apply. Hands-on activities guide you through well-defined stages of competency, from basic to expert. Coverage includes Getting started quickly with Scala's interpreter, syntax, tools, and unique idioms Mastering core language features: functions, arrays, maps, tuples, packages, imports, exception handling, and more Becoming familiar with object-oriented programming in Scala: classes, inheritance, and traits Using Scala for real-world programming tasks: working with files, regular expressions, and XML Working with higher-order functions and the powerful Scala collections library Leveraging Scala's powerful pattern matching and case classes Creating concurrent programs with Scala actors Implementing domain-specific languages Understanding the Scala type system Applying advanced "power tools" such as annotations, implicits, and delimited continuations Scala is rapidly reaching a tipping point that will reshape the experience of programming. This book will help object-oriented programmers build on their existing skills, allowing them to immediately construct useful applications as they gradually master advanced programming techniques.

Teach Yourself Java for Macintosh in 21 Days  
An Introduction to Computer Science  
Core Java SE 9 for the Impatient  
Occupational Outlook Handbook  
An Accessible Guide to the Java Language and Libraries

Modern Java introduces major enhancements that impact the core Java technologies and APIs at the heart of the Java platform. Many old Java idioms are no longer needed and new features such as modularization make you far more effective. However, navigating these changes can be challenging. *Core Java® SE 9 for the Impatient, Second Edition*, is a complete yet concise guide that includes all the latest changes up to Java SE 9. Written by Cay S. Horstmann—author of the classic two-volume *Core Java*—this indispensable tutorial offers a faster, easier pathway for learning modern Java. Given Java SE 9's size and the scope of its enhancements, there's plenty

to cover, but it's presented in small chunks organized for quick access and easy understanding. Horstmann's practical insights and sample code help you quickly take advantage of all that's new, from Java SE 9's long-awaited "Project Jigsaw" module system to the improvements first introduced in Java SE 8, including lambda expressions and streams. Use modules to simplify the development of well-performing complex systems Migrate applications to work with the modularized Java API and third-party modules Test code as you create it with the new JShell Read-Eval-Print Loop (REPL) Use lambda expressions to express actions more concisely Streamline and optimize data management with today's Streams API Leverage modern concurrent programming based on cooperating tasks Take advantage of a multitude of API improvements for working with collections, input/output, regular expressions, and processes Whether you're just getting started with modern Java or you're an experienced developer, this guide will help you write tomorrow's most robust, efficient, and secure Java code. Register your product at [informit.com/register](http://informit.com/register) for convenient access to downloads, updates, and/or corrections as they become available.

*Brief Java: Early Objects, 9th Edition* focuses on the essentials of effective learning and is suitable for a two-semester introduction to programming sequence. This text requires no prior programming experience and only a modest amount of high school algebra. Objects and classes from the standard library are used where appropriate in early sections with coverage on object-oriented design starting in Chapter 8. This gradual approach allows students to use objects throughout their study of the core algorithmic topics, without teaching bad habits that must be un-learned later. Choosing the enhanced eText format allows students to develop their coding skills using targeted, progressive interactivities designed to integrate with the eText. All sections include built-in activities, open-ended review exercises, programming exercises, and projects to help students practice programming and build confidence. These activities go far beyond simplistic multiple-choice questions and animations. They have been designed to guide students along a learning path for mastering the complexities of programming. Students demonstrate comprehension of programming structures, then practice programming with simple steps in scaffolded settings, and finally write complete, automatically graded programs. The perpetual access VitalSource Enhanced eText, when integrated with your school's learning management system, provides the capability

to monitor student progress in VitalSource SCORECenter and track grades for homework or participation. Enhanced eText and interactive functionality available through select vendors and may require LMS integration approval for SCORECenter. Fully updated to reflect Java SE 7 language changes, *Core Java®, Volume II - Advanced Features, Ninth Edition*, is the definitive guide to Java's most powerful features for enterprise and desktop application development. Designed for serious programmers, this reliable, unbiased, no-nonsense tutorial illuminates advanced Java language and library features with thoroughly tested code examples. As in previous editions, all code is easy to understand and displays modern best-practice solutions to the realworld challenges faced by professional developers. Volume II quickly brings you up-to-speed on key Java SE 7 enhancements, ranging from the new file I/O API to improved concurrency utilities. All code examples are updated to reflect these enhancements. Complete descriptions of new language and platform features are highlighted and integrated with insightful explanations of advanced Java programming techniques. You'll learn all you need to build robust production software with Streams, files, and regular expressions XML Networking Database programming facilities JNDI/LDAP directory integration Internationalization Advanced Swing techniques JavaBeans components Web services Advanced platform security features Annotations Distributed objects Native methods, and more For detailed coverage of fundamental Java SE 7 features, including objects, classes, inheritance, interfaces, reflection, events, exceptions, graphics, Swing, generics, collections, concurrency, and debugging, look for *Core Java, Volume I - Fundamentals, Ninth Edition* (ISBN-13: 978-0-13-708189-9).

Are you looking for a deeper understanding of the Java™ programming language so that you can write code that is clearer, more correct, more robust, and more reusable? Look no further! *Effective Java™, Second Edition*, brings together seventy-eight indispensable programmer's rules of thumb: working, best-practice solutions for the programming challenges you encounter every day. This highly anticipated new edition of the classic, Jolt Award-winning work has been thoroughly updated to cover Java SE 5 and Java SE 6 features introduced since the first edition. Bloch explores new design patterns and language idioms, showing you how to make the most of features ranging from generics to enums, annotations to autoboxing. Each chapter in the book consists of several "items" presented in the form of a short, standalone essay that

provides specific advice, insight into Java platform subtleties, and outstanding code examples. The comprehensive descriptions and explanations for each item illuminate what to do, what not to do, and why. Highlights include: New coverage of generics, enums, annotations, autoboxing, the for-each loop, varargs, concurrency utilities, and much more Updated techniques and best practices on classic topics, including objects, classes, libraries, methods, and serialization How to avoid the traps and pitfalls of commonly misunderstood subtleties of the language Focus on the language and its most fundamental libraries: java.lang, java.util, and, to a lesser extent, java.util.concurrent and java.io Simply put, Effective Java™, Second Edition, presents the most practical, authoritative guidelines available for writing efficient, well-designed programs.

Effective Java

Core Java 2

Java: A Beginner's Guide, Ninth Edition

Data Structures and Algorithms in Java

Fully updated to reflect Java SE 7 language changes, Core Java®, Volume II—Advanced Features, Ninth Edition, is the definitive guide to Java's most powerful features for enterprise and desktop application development. Designed for serious programmers, this reliable, unbiased, no-nonsense tutorial illuminates advanced Java language and library features with thoroughly tested code examples. As in previous editions, all code is easy to understand and displays modern best-practice solutions to the realworld challenges faced by professional developers. Volume II quickly brings you up-to-speed on key Java SE 7 enhancements, ranging from the new file I/O API to improved concurrency utilities. All code examples are updated to reflect these enhancements. Complete descriptions of new language and platform features are highlighted and integrated with insightful explanations of advanced Java programming techniques. You'll learn all you need to build robust production software with Streams, files, and regular expressions XML Networking Database programming facilities JNDI/LDAP directory integration Internationalization Advanced Swing techniques JavaBeans components Web services Advanced platform security features Annotations Distributed objects Native methods, and more For detailed coverage of fundamental Java SE 7 features, including objects, classes, inheritance, interfaces, reflection, events, exceptions, graphics, Swing, generics, collections, concurrency, and debugging, look for Core Java™, Volume I—Fundamentals, Ninth Edition

(ISBN-13: 978-0-13-708189-9).

The #1 Guide for Serious Programmers: Fully Updated for Java SE 9, 10 & 11 Cay Horstmann's Core Java, Volume I—Fundamentals, Eleventh Edition, is the definitive guide to writing robust, maintainable code with the Java SE 9, 10, and 11 language and libraries. Horstmann writes for serious programmers who use Java in production projects, and need a deep, practical understanding of the language and API. Throughout, he delivers what you need most: hundreds of real (non-toy) examples revealing the most powerful, effective ways to get the job done. Updated examples reflect the new var keyword and take advantage of improvements in the Java API. You'll learn how to use JShell's new Read-Eval-Print Loop (REPL) for more rapid and exploratory development, and apply new features of the APIs for streams, input/output, processes, and concurrency. In this first of two volumes, Horstmann offers in-depth coverage of fundamental Java and UI programming, including object-oriented programming, generics, collections, lambda expressions, Swing design, concurrency, and functional programming. If you're an experienced programmer moving to Java SE 9, 10, or 11, there's no better source for expert insight, solutions, and code. Master foundational techniques, idioms, and best practices for writing superior Java code Efficiently implement encapsulation and inheritance Use sound principles of object-oriented design Leverage the full power of objects with interfaces, lambda expressions, and inner classes Harden programs through effective exception handling and debugging Write safer, more reusable code with generic programming Improve performance and efficiency with Java's standard collections Build cross-platform GUIs with the Swing toolkit Fully utilize multicore processors with Java's improved concurrency See Core Java, Volume II—Advanced Features, Eleventh Edition (ISBN-13: 978-0-13-516631-4), for expert coverage of Java 9, 10, and 11 enterprise features, the module system, annotations, networking, security, and advanced UI programming. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

The revised edition of the classic Core Java™, Volume II—Advanced Features, covers advanced user-interface programming and the enterprise features of the Java SE 6 platform. Like Volume I (which covers the core language and library features), this volume has been updated for Java SE 6 and new coverage is highlighted throughout. All sample programs have been carefully crafted to illustrate the latest

programming techniques, displaying best-practices solutions to the types of real-world problems professional developers encounter. Volume II includes new sections on the StAX API, JDBC 4, compiler API, scripting framework, splash screen and tray APIs, and many other Java SE 6 enhancements. In this book, the authors focus on the more advanced features of the Java language, including complete coverage of Streams and Files Networking Database programming XML JNDI and LDAP Internationalization Advanced GUI components Java 2D and advanced AWT JavaBeans Security RMI and Web services Collections Annotations Native methods For thorough coverage of Java fundamentals—including interfaces and inner classes, GUI programming with Swing, exception handling, generics, collections, and concurrency—look for the eighth edition of Core Java™, Volume I—Fundamentals (ISBN: 978-0-13-235476-9). Up and up the wind drew him. Haoyou looked about him and saw the wholeworld beneath him. And it was his. The Great Miao, master of the Jade Circus, offers Haoyou the amazing chance to escape his family's poverty -- by becoming a kite rider. Strapped onto a beautiful scarlet-and-gold kite, Haoyou is sent into the sky, earning money, freedom, and unexpected fame. Miao even plans for Haoyou to perform before Kublai Khan himself. From Carnegie Medalist Geraldine McCaughrean comes a dazzling story of adventure, betrayal, family, and sacrifice set in the dramatic world of thirteenth-century China.

Java 9 for Programmers

Object-oriented Problem Solving

Java: A Beginner's Guide, Eighth Edition

Pinocchio, the Tale of a Puppet

This book concisely introduces Java 8's most valuable new features, including lambda expressions (closures) and streams. If you're an experienced Java programmer, the author's practical insights and sample code will help you quickly take advantage of these and other Java language and platform improvements. Fully updated to reflect Java SE 7 language changes, Core Java, Volume I - Fundamentals, Ninth Edition, is the definitive guide to the Java platform. Designed for serious programmers, this reliable, unbiased, no-nonsense tutorial illuminates key Java language and library features with thoroughly tested code examples. As in previous editions, all code is easy to understand, reflects modern best practices, and is specifically designed to help jumpstart your projects. Volume I quickly brings you up-to-speed on Java SE 7 core language enhancements, including the diamond operator, improved resource handling, and catching of multiple exceptions. All of the code examples have been updated to reflect these enhancements, and complete descriptions of new SE 7 features are

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integrated with insightful explanations of fundamental Java concepts. You'll learn all you need to be productive with The Java programming environment Objects, classes, and inheritance Interfaces and inner classes Reflection and proxies Graphics programming Event handling and the event listener model Swing-based user interface components Application and applet deployment Exceptions, logging, assertions, and debugging Generic programming Collections Concurrency, and more For detailed coverage of advanced features, including the new API for file input/output and enhancements to the concurrency utilities, look for Core Java, Volume II - Advanced Features, Ninth Edition (ISBN-13: 978-0-13-708160-8).

The design and analysis of efficient data structures has long been recognized as a key component of the Computer Science curriculum. Goodrich, Tomassia and Goldwasser's approach to this classic topic is based on the object-oriented paradigm as the framework of choice for the design of data structures. For each ADT presented in the text, the authors provide an associated Java interface. Concrete data structures realizing the ADTs are provided as Java classes implementing the interfaces. The Java code implementing fundamental data structures in this book is organized in a single Java package, net.datastructures. This package forms a coherent library of data structures and algorithms in Java specifically designed for educational purposes in a way that is complimentary with the Java Collections Framework.

Readers familiar with Horstmann's original, two-volume "Core Java" books who are looking for a comprehensive but condensed guide to all of the new features and functions of Java SE 9 will learn how these new features impact the language and core libraries.

Core Java  
Early Objects  
Java The Complete Reference, 8th Edition  
Java SE 8 for the Really Impatient