
Core Java Volume II Advanced Features 10th Edition

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Learn Azure in a Month of Lunches, Second Edition
 Big Java
 Advanced Features and Programming Techniques
 Core Java, Volume II--Advanced Features
 Covers J2SE Versions 1.3/1.4.
 Core Java, Volume II--Advanced Features
 Core Java Volume II - Advanced Features, Eighth Edition
 Core Java, Vol. II-Advanced Features, 12th Edition
 Core Java, Volume I: Fundamentals, 12e
 Java SE 8 for the Really Impatient
 Core Java® Volume II - Advanced Features, Ninth Edition
 Advanced
 Core Java
 Patterns and Paradigms for Scalable, Reliable Services
 Core Java, Vol. II-Advanced Features, 12e
 Early Objects
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 Core Java, Volume II--Advanced Features, Eleventh Edition
 Core Java
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 Big Java

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[Learn Azure in a Month of Lunches, Second Edition](#) Prentice Hall 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 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).

Big Java Prentice Hall

Big Java: Early Objects, 7th 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 unlearned later. The second half covers algorithms and data structures at a level suitable for beginning students. 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.

Advanced Features and Programming Techniques Addison-Wesley Professional

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.

Core Java, Volume II--Advanced Features Prentice Hall

The #1 Java Guide for Serious Programmers: Fully Updated through Java 17 *Core Java, Volume II: Fundamentals*, Twelfth Edition, is the definitive guide to writing robust, maintainable code. Whatever version of Java you are using up to and including Java 17 this book will help you achieve a deep and practical understanding of the language and APIs. With authoritative coverage of enterprise programming, networking, databases, security, modularization, internationalization, code processing, native methods, and more. Cay S. Horstmann explores sophisticated new features with depth and completeness,

demonstrating how to use them to build professional-quality applications This book is written for readers with prior programming experience who are looking for in-depth coverage of the Java language and platform. You'll learn about all language features in detail, including the recent improvements in Java 17. The examples are carefully crafted for easy understanding and maximum practical value, so you can rely on them to jump-start your own code.. For 25 years, Core Java has prepared serious programmers for serious Java programming. Master advanced techniques, idioms, and best practices for writing superior Java code Make the most of enhanced Java I/O APIs, object serialization, and regular expressions Efficiently connect to network services, implement servers and the improved HTTP client, and harvest web data Process code via scripting and compiler APIs, and use annotations to generate code and files Deepen your understanding of the Java Platform Module System, including recent refinements Deepen your understanding of the Java Platform Module System, including recent refinements Preview powerful new APIs for accessing "foreign" functions and memory *Core Java, Volume II: Advanced Features*, Twelfth Edition is the reliable source for expert coverage of Java 17 enterprise features, the module system, annotations, networking, security, and advanced UI programming.

Covers J2SE Versions 1.3/1.4. Oracle Press

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.

Core Java, Volume II--Advanced Features Pearson Education India 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).

Core Java Volume II - Advanced Features, Eighth Edition "O'Reilly Media, Inc."

In *Java Concepts*, Cay Horstmann provides a comprehensive introduction to fundamental programming techniques and design skills helping the student master basic concepts. Realistic programming examples, homework assignments, and lab exercises build student problem-solving abilities.

Core Java, Vol. II-Advanced Features, 12th Edition John Wiley & Sons

In the race to compete in today's fast-moving markets, large enterprises are busy adopting new technologies for creating new products, processes, and business models. But one obstacle on the road to digital transformation is placing too much emphasis on technology, and not enough on the types of processes technology enables. What if different lines of business could build their own services and applications—and decision-making was distributed rather than centralized? This report explores the concept of a digital business platform as a way of empowering individual business sectors to act on data in real time. Much innovation in a digital enterprise will increasingly happen at the edge, whether it involves business users (from marketers to data scientists) or IoT devices. To facilitate the process, your core IT team can provide these sectors with the digital tools they need to innovate quickly. This report explores: Key cultural and organizational changes for developing business capabilities through cross-functional product teams A platform for integrating applications, data sources, business partners, clients, mobile apps, social networks, and IoT devices Creating internal API programs for building innovative edge services in low-code or no-code environments Tools including Integration Platform as a Service, Application Platform as a Service, and Integration Software as a Service The challenge of integrating microservices and serverless architectures Event-driven architectures for processing and reacting to events in real time You'll also learn about a complete pervasive integration solution as a core component of a digital business platform to serve every audience in your organization.

Core Java, Volume I: Fundamentals, 12e Pearson Education

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.

Pearson Education

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.

Java SE 8 for the Really Impatient Prentice Hall Ptr

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.

[Core Java® Volume II - Advanced Features, Ninth Edition](#)

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Demonstrates the advanced features of the most recent upgrade to the Java programming language

Advanced Manning Publications

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Core Java Elsevier

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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.

Patterns and Paradigms for Scalable, Reliable Services

Pearson Education

7 Hours of Video Instruction *Core Java®, Volumes I and II*, have 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. In *Core Java® : Advanced LiveLessons*, Cay S. Horstmann takes that same approach to introducing experienced programmers to Java, with detailed demonstration. This training pairs with the tenth edition of *Core Java®, Volume II Advanced Features*, which has been fully updated to cover Java SE 8. In these video LiveLessons, you will learn about advanced Java language features along with the most useful parts of the standard library. In order to take full advantage of the lessons, be sure to download the companion source code. Related Content: *Core Java LiveLessons (Complete Video Course)* *Core Java, Volume I—Fundamentals, Tenth Edition* *Core Java, Volume II—Advanced Features, Tenth Edition* Lessons 1 and 2 cover lambda expressions, an important addition to Java 8, and the streams library, which makes extensive use of lambda expressions. With streams, you can efficiently analyze large data sets, simply by telling what you want to achieve. Leave it to the streams library to figure out the "how." Lesson 3 covers bread-and-butter issues related to input and output: text processing, file handling, regular expressions, and connecting to web servers. Lesson 4 covers concurrency, the most important lesson within this LiveLessons training. Nowadays, processors have multiple cores and we need to keep them busy. But it is challenging to write programs that safely run tasks in parallel. This lesson gives you a set of strategies to meet that challenge. The next two lessons are all about building tools. Lesson 5 introduces the annotation mechanism. You will see how tools use annotations for checking program correctness, generating code, interfacing with databases and web services. Another way of making your programs smarter is by allowing your users to provide extensions in Java or a scripting language. Lesson 6 shows you how to run the Java compiler or a language interpreter in your programs. In Lesson 7, you will learn how to write programs for users anywhere in the world, with their preferences for formatting and messages in their language. Lesson 8 covers the new `java.time` package that handles complexities like leap years, time zones,

and daylight savings time. The last two lessons, Lessons 9 and 10, show you how to interface wit...

Core Java, Vol. II-Advanced Features, 12e Prentice Hall
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.

Early Objects Prentice Hall Ptr

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 for convenient access to downloads, updates, and/or corrections as they become available.

Core Java Prentice Hall

Java Programmers, Prepare for Microsoft's .NET initiative while enhancing your repertoire and marketability with C# for Java Programmers! C# for Java Programmers will prepare readers for the .NET framework by building on what they already know about object-oriented languages and give them the means to maintain their flexibility and effectiveness in an un-certain marketplace. This book will compare and contrast the advantages and disadvantages of both Java and C# to allow programmers to make their own decisions regarding what each language is best used for. Whatever your feelings are about Microsoft and its .NET initiative, there can be no denying that C# is here to stay. The C# language, a close cousin to Java, is a new object-oriented programming language (OOP) designed to work within the .NET framework. It improves upon many of the vague or ill-defined areas of C++ that frequently lead programmers into trouble. C# is a strongly-typed, object-oriented language designed to give the optimum blend of simplicity, expressiveness, and performance. Written specifically for Java programmers. C# for Java Programmers is not an introductory guide to C#, but builds on what Java programmers already know about object-oriented languages to give them an efficient means for making in-roads to the .NET framework. Compare and Contrast. This book will compare and contrast many of the advantages and drawbacks of Java and C# to allow programmers to make informed, intelligent

decisions based on the unique uses of each language.

Core Java, Volume II--Advanced Features, Eleventh Edition
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The #1 Java Guide for Serious Programmers: Fully Updated through Java 17 Core Java, Volume I: Fundamentals, Twelfth Edition, is the definitive guide to writing robust, maintainable code. Whatever version of Java you are using--up to and including Java 17--this book will help you achieve a deep and practical understanding of the language and APIs. With hundreds of realistic examples, Cay S. Horstmann reveals the most powerful and effective ways to get the job done. This book is written for readers with prior programming experience who are looking for in-depth coverage of the Java language and platform. You'll learn about all language features in detail, including the recent improvements in Java 17. The applied chapters and code examples cover the most up-to-date capabilities of the vast Java library. For 25 years, Core Java has prepared serious programmers for serious Java programming. This first of two volumes offers in-depth coverage of fundamental Java programming, including object-oriented programming, generics, collections, lambda expressions, concurrency, and functional programming. Classic material for Swing UI programming is included for those who need it. This edition's new content covers text blocks, switch enhancements, records, pattern matching for instanceof, sealed classes, and more. Master foundational techniques, idioms, and best practices for writing superior Java code Leverage the power of 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 Explore simple programs with JShell and assemble complex programs with archives and modules Build cross-platform GUIs with the Swing toolkit Fully utilize multicore processors with Java's powerful concurrency model See Core Java, Volume II: Advanced Features, Twelfth Edition (coming in 2022), for expert coverage of Java 17 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.

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