

Core Java Volume II Advanced Features 10th Edition

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. 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 Deep-Dive 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 revised 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 Build robust production software with streams, files, and regular expressions Take full advantage of 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 Java 9's JDBC 4.3 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 Deepen your understanding of the Java Platform Module System, and migrate code to work with it Leverage the modern Java security features most valuable to application programmers Program advanced client-side user interfaces, and generate images on the server Write more responsive code with Java's improved process API and contended locking Leverage Smart Java compilation and recent enhancements to compiler control 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 ...

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).

The Rust Programming Language (Covers Rust 2018)

Teach Yourself Java for Macintosh in 21 Days

advanced features

Advanced features

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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 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 jumpstart 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.

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)*.

Core Java, Volume II - Advanced Features, Tenth Edition

The Bulgarian C# Book

Scala for the Impatient

Core Java, Vol. II-Advanced Features, 12th Edition

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 in 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 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 use 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, which handles complexities like leap years, time zones, and daylight savings time. The last two lessons, Lessons 9 and 10, show you how to interface with...

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, 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 generic

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.

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).

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 not for 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 generics 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.

Core Java for the Impatient

Early Objects

Core Java, Volume II--Advanced Features

Core Java SE 9 for the Impatient

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. 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. 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

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Fundamentals of Computer Programming with C#

Effective Java

The World Book Encyclopedia

Core Java Volume II - Advanced Features, Eighth Edition

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.

The book is written in such a way that learners without any background in programming are able to follow and understand it entirely. It discusses the concepts of Java in a simple and straightforward language with a clear cut explanation, without beating around the bush. On reading the book, readers are able to write simple programs on their own, as this is the first requirement to become a Java Programmer. The book provides ample solved programs which could be used by the students not only in their examinations but also to remove the fear of programming from their minds. After reading the book, the students gain the confidence to apply for a software development company, face the interview board and come out successful. The book covers sample interview questions which were asked in various interviews. It helps students to prepare for their future careers.

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. 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 Occupational Outlook Handbook Core Java 2

Java Concepts

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.

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.

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.

"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."--Resource description page.

Core Java 9

Core Java, Volume II-Advanced Features, 11th Edition

Core Java

Big Java

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.

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.

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 certified Java instructor at Sun Microsystems offers a premium code-intensive reference for professional Java programmers that is a perfect companion to Pure JFC Swing.

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

Fundamentals

Java SE 8 for the Really Impatient

Core Java, Volume 2-Advanced Features, 8/E

The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from <http://introprogramming.info>. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site:

<http://www.introprogramming.info> License: CC-Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

Software -- Programming Languages.

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).

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, Volume II--Advanced Features, Eleventh Edition

Core Java® Volume II - Advanced Features, Ninth Edition

Volume I - Fundamentals, Ninth Edition

Pure Java 2

An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students. This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. 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 solution.

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. The official book on the Rust programming language, written by the Rust development team at the Mozilla Foundation, fully updated for Rust 2018. The Rust Programming Language is the official book on Rust: an open source systems programming language that helps you write faster, more reliable software. Rust offers control over low-level details (such as memory usage) in combination with high-level ergonomics, eliminating the hassle traditionally associated with low-level languages. The authors of The Rust Programming Language, members of the Rust Core Team, share their knowledge and experience to show you how to take full advantage of Rust's features--from installation to creating robust and scalable programs. You'll begin with basics like creating functions, choosing data types, and binding variables and then move on to more advanced concepts, such as:

- Ownership and borrowing, lifetimes, and traits
- Using Rust's memory safety guarantees to build fast, safe programs
- Testing, error handling, and effective refactoring
- Generics, smart pointers, multithreading, trait objects, and advanced pattern matching
- Using Cargo, Rust's built-in package manager, to build, test, and document your code and manage dependencies

How best to use Rust's advanced compiler with compiler-led programming techniques You'll find plenty of code examples throughout the book, as well as three chapters dedicated to building complete projects to test your learning: a number guessing game, a Rust implementation of a command line tool, and a multithreaded server. New to this edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

Advanced

Core Java: An Integrated Approach: Covers Concepts, programs and Interview Questions w/CD

Core Java, Volume II-Advanced Features, 8/e

Core Java Volume I--Fundamentals