

# BEGINNING JAVA PROGRAMMING

JOHN P. FLYNT

🔖 **BEGINNING JAVA PROGRAMMING** BART BAESENS,AIMEE BACKIEL,SEPPE VANDEN BROUCKE,2015-02-11 A COMPREHENSIVE JAVA GUIDE, WITH SAMPLES, EXERCISES, CASESTUDIES, AND STEP-BY-STEP INSTRUCTION BEGINNING JAVA PROGRAMMING: THE OBJECT ORIENTED APPROACHIS A STRAIGHTFORWARD RESOURCE FOR GETTING STARTED WITH ONE OF THEWORLD’S MOST ENDURINGLY POPULAR PROGRAMMING LANGUAGES. BASED ONCLASSES TAUGHT BY THE AUTHORS, THE BOOK STARTS WITH THE BASICS ANDGRADUALLY BUILDS INTO MORE ADVANCED CONCEPTS. THE APPROACH UTILIZESAN INTEGRATED DEVELOPMENT ENVIRONMENT THAT ALLOWS READERS TOIMMEDIATELY APPLY WHAT THEY LEARN, AND INCLUDES STEP-BY-STEPINSTRUCTION WITH PLENTY OF SAMPLE PROGRAMS. EACH CHAPTER CONTAINSEXERCISES BASED ON REAL-WORLD BUSINESS AND EDUCATIONAL SCENARIOS,AND THE FINAL CHAPTER USES CASE STUDIES TO COMBINE SEVERAL CONCEPTSAND PUT READERS’ NEW SKILLS TO THE TEST. BEGINNING JAVA PROGRAMMING: THE OBJECT ORIENTED APPROACHPROVIDES BOTH THE INFORMATION AND THE TOOLS BEGINNERS NEED TODEVELOP JAVA SKILLS, FROM THE GENERAL CONCEPTS OF OBJECT-ORIENTEDPROGRAMMING. LEARN TO: UNDERSTAND THE JAVA LANGUAGE AND OBJECT-ORIENTED CONCEPTIMPLEMENTATION Use JAVA TO ACCESS AND MANIPULATE EXTERNAL DATA Make APPLICATIONS ACCESSIBLE TO USERS WITH GUIs STREAMLINE WORKFLOW WITH OBJECT-ORIENTED PATTERNS The book is geared for those who want to use JAVA in an appliedENVIRONMENT WHILE LEARNING AT THE SAME TIME. USEFUL AS EITHER A COURSE TEXT OR A STAND-ALONE SELF-STUDY PROGRAM, BEGINNING JAVA PROGRAMMING IS A THOROUGH, COMPREHENSIVE GUIDE.

🔖 *BEGINNING JAVA PROGRAMMING* BART BAESENS,AIMEE BACKIEL,SEPPE VANDEN BROUCKE,2015-02-17 A COMPREHENSIVE JAVA GUIDE, WITH SAMPLES, EXERCISES, CASESTUDIES, AND STEP-BY-STEP INSTRUCTION BEGINNING JAVA PROGRAMMING: THE OBJECT ORIENTED APPROACHIS A STRAIGHTFORWARD RESOURCE FOR GETTING STARTED WITH ONE OF THEWORLD’S MOST ENDURINGLY POPULAR PROGRAMMING LANGUAGES. BASED ONCLASSES TAUGHT BY THE AUTHORS, THE BOOK STARTS WITH THE BASICS ANDGRADUALLY BUILDS INTO MORE ADVANCED CONCEPTS. THE APPROACH UTILIZESAN INTEGRATED DEVELOPMENT ENVIRONMENT THAT ALLOWS READERS TOIMMEDIATELY APPLY WHAT THEY LEARN, AND INCLUDES STEP-BY-STEPINSTRUCTION WITH PLENTY OF SAMPLE PROGRAMS. EACH CHAPTER CONTAINSEXERCISES BASED ON REAL-WORLD BUSINESS AND EDUCATIONAL SCENARIOS,AND THE FINAL CHAPTER USES CASE STUDIES TO COMBINE SEVERAL CONCEPTSAND PUT READERS’ NEW SKILLS TO THE TEST. BEGINNING JAVA PROGRAMMING: THE OBJECT ORIENTED APPROACHPROVIDES BOTH THE INFORMATION AND THE TOOLS BEGINNERS NEED TODEVELOP JAVA SKILLS, FROM THE GENERAL CONCEPTS OF OBJECT-ORIENTEDPROGRAMMING. LEARN TO: UNDERSTAND THE JAVA LANGUAGE AND OBJECT-ORIENTED CONCEPTIMPLEMENTATION Use JAVA TO ACCESS AND MANIPULATE EXTERNAL DATA Make APPLICATIONS ACCESSIBLE TO USERS WITH GUIs STREAMLINE WORKFLOW WITH OBJECT-ORIENTED PATTERNS The book is geared for those who want to use JAVA in an appliedENVIRONMENT WHILE LEARNING AT THE SAME TIME. USEFUL AS EITHER A COURSE TEXT OR A STAND-ALONE SELF-STUDY PROGRAM, BEGINNING JAVA PROGRAMMING IS A THOROUGH, COMPREHENSIVE GUIDE.

🔖 **IVOR HORTON’S BEGINNING JAVA 2** Ivor Horton,2005 PROVIDING NUMEROUS, STEP-BY-STEP, PROGRAMMING EXAMPLES, THIS TEXT INCLUDES JAVA SOLUTIONS FOR A WIDE RANGE OF WEB APPLICATIONS.

🔖 **JAVA FOR DUMMIES** BARRY A. BURD,2011-03-03 START BUILDING POWERFUL PROGRAMS WITH JAVA 6—FAST! GET AN OVERVIEW OF JAVA 6 AND BEGIN BUILDING YOUR OWN PROGRAMS EVEN IF YOU’RE NEW TO JAVA PROGRAMMING—OR TO PROGRAMMING IN GENERAL—YOU CAN GET UP AND RUNNING ON THIS WILDLY POPULAR LANGUAGE IN A HURRY. THIS BOOK MAKES IT EASY! FROM HOW TO INSTALL AND RUN JAVA TO UNDERSTANDING CLASSES AND OBJECTS AND JUGGLING VALUES WITH ARRAYS AND COLLECTIONS, YOU WILL GET UP TO SPEED ON THE NEW FEATURES OF JAVA 6 IN NO TIME. DISCOVER HOW TO USE OBJECT-ORIENTED PROGRAMMING WORK WITH THE CHANGES IN JAVA 6 AND JDK 6 SAVE TIME BY REUSING CODE Mix JAVA AND JAVASCRIPT WITH THE NEW SCRIPTING TOOLS TROUBLESHOOT CODE PROBLEMS AND FIX BUGS ALL ON THE BONUS CD-ROM CUSTOM BUILD OF JCREATOR AND ALL THE CODE FILES USED IN THE BOOK BONUS CHAPTERS NOT INCLUDED IN THE BOOK TRIAL VERSION OF JINDENT, WINONE, AND NETCAPTOR FREEWARE SYSTEM REQUIREMENTS: FOR DETAILS AND COMPLETE SYSTEM REQUIREMENTS, SEE THE CD-ROM APPENDIX. NOTE: CD-ROM/DVD AND OTHER SUPPLEMENTARY MATERIALS ARE NOT INCLUDED AS PART OF eBook FILE.

🔖 JAVA PROGRAMMING FOR THE ABSOLUTE BEGINNER JOHN P. FLYNT,2007 JAVA PROGRAMMING FOR THE ABSOLUTE BEGINNER PROVIDES YOU WITH AN INTRODUCTION TO JAVA THAT ALLOWS YOU TO LEARN THE FUNDAMENTALS OF OBJECT-ORIENTED PROGRAMMING WHILE BECOMING ACQUAINTED WITH MANY OF THE CORE FEATURES OF JAVA. THIS BOOK STARTS WITH THE ASSUMPTION THAT YOU HAVE NOT PREVIOUSLY WRITTEN A COMPUTER PROGRAM. IT THEN WALKS YOU THROUGH THE CREATION OF A VARIETY OF GAMES AND APPLICATIONS. AFTER YOU HAVE YOUR FOOTING WITH THE BASICS, YOU LEARN TO DEVELOP YOUR OWN SYSTEMS OF CLASSES, AND BY THE END OF THE BOOK, YOU ARE WORKING WITH MANY OF JAVA’S GRAPHICAL USER INTERFACE (GUI) FEATURES AND DEVELOPING A DESKTOP WINDOWS APPLICATION. THIS BOOK PROVIDES A SOLID INTRODUCTION FOR ANYONE DESIRING A RELAXED, FULLY GUIDED TOUR OF THE FUNDAMENTALS OF JAVA, PROGRAMMING, AND THE OBJECTORIENTED APPROACH TO APPLICATION DEVELOPMENT.

🔖 **BEGINNING JAVA PROGRAMMING** Iducate TECHNOLOGIES,2013-06-03 LEARN JAVA PROGRAMMING IN THE QUICKEST TIME POSSIBLE WITH THIS CONCISE BOOK THAT TEACHES YOU ALL THE ESSENTIALS ABOUT JAVA PROGRAMMING. WRITTEN FOR PEOPLE WHO HAVE NO BACKGROUND IN PROGRAMMING OR ARE BEGINNERS. BEGINNING JAVA PROGRAMMING ZOOMS IN ON THE MOST ESSENTIAL CONCEPTS WITH EXAMPLES! WE COVER THE FOLLOWING TOPICS: GETTING STARTED: RUNNING YOUR FIRST JAVA PROGRAMVARIABLESINPUT AND OUTPUTIf-Else and SWITCH STATEMENTSStringsLoopsLEARNING ABOUT OBJECTSMETHODSMANAGING MULTIPLE OBJECTSARRAYSJAVA PACKAGESTHROWING AND CATCHING EXCEPTIONSBUILDING USER INTERFACES WITH JAVA SWINGBUILDING JAVA SWING, MYSQL DATABASE INTEGRATED APPLICATIONS

🔖 IVOR HORTON’S BEGINNING JAVA Ivor Horton,2011-08-31 FIND OUT WHY THOUSANDS HAVE TURNED TO IVOR HORTON FOR LEARNING JAVA IVOR HORTON’S APPROACH IS TEACHING JAVA IS SO EFFECTIVE AND POPULAR THAT HE IS ONE OF THE LEADING AUTHORS OF INTRODUCTORY PROGRAMMING TUTORIALS, WITH OVER 160,000 COPIES OF HIS JAVA BOOKS SOLD. IN THIS LATEST EDITION, WHETHER YOU’RE A BEGINNER OR AN EXPERIENCED PROGRAMMER SWITCHING TO JAVA, YOU’LL LEARN HOW TO BUILD REAL-WORLD JAVA APPLICATIONS USING JAVA SE 7. THE AUTHOR THOROUGHLY COVERS THE BASICS AS WELL AS NEW FEATURES SUCH AS EXTENSIONS AND CLASSES; EXTENDED COVERAGE OF THE SWING APPLICATION FRAMEWORK; AND HE DOES IT ALL IN HIS UNIQUE, HIGHLY ACCESSIBLE STYLE THAT BEGINNERS LOVE. PROVIDES A THOROUGH INTRODUCTION TO THE LATEST VERSION OF THE JAVA PROGRAMMING LANGUAGE, JAVA SE 7 INTRODUCES YOU TO A HOST OF NEW FEATURES FOR BOTH NOVICES AND EXPERIENCED PROGRAMMERS COVERS THE BASICS AS WELL AS NEW LANGUAGE EXTENSIONS AND CLASSES AND CLASS METHODS GUIDES YOU THROUGH THE SWING APPLICATION FRAMEWORK FOR CREATING SWING APPS USES NUMEROUS STEP-BY-STEP PROGRAMMING EXAMPLES TO GUIDE YOU THROUGH THE DEVELOPMENT PROCESS THERE’S NO BETTER WAY TO GET THOROUGHLY UP TO SPEED ON THE LATEST VERSION OF JAVA THAN WITH IVOR HORTON’S LATEST, COMPREHENSIVE GUIDE.

🔖 **JAVA** LEONARDO GORMAN,2017-01-04 THE ESSENTIAL GUIDE TO LEARN JAVA FAST! THIS BOOK IS THE ESSENTIAL GUIDE FOR EVERYONE WANTING TO BUILD A STRONG FOUNDATION IN JAVA. INCLUDING PROVEN STEPS TO LEARN THE ESSENTIALS OF JAVA PROGRAMMING. THIS BOOK WILL GET YOU CODING FAST! IT HIGHLIGHTS IMPORTANT CONCEPTS AND STRATEGIES THAT WILL TAKE YOU FROM BEING A COMPLETE BEGINNER TO A CONFIDENT PROGRAMMER. IT PROVIDES A SOLID FOUNDATION FOR THOSE WANTING TO BECOME FULLY PROFICIENT IN PYTHON PROGRAMMING. JAVA IS ONE OF THE EASIEST AND MOST POWERFUL PROGRAMMING LANGUAGES TO MASTER. IT WAS DESIGNED KEEPING SIMPLICITY IN MIND AND CAN BE USED TO DEVELOP ALMOST ALL KINDS OF WEB APPLICATIONS AND EVEN MOBILE GAMES! THIS MAKES JAVA PROGRAMMING VERY INTERACTIVE, ROBUST AND POPULAR AMONG COMPUTER PROGRAMMERS. PICK UP YOUR COPY TO ADD TREMENDOUS VALUE TO YOUR LIFE TODAY! TAGS: JAVA, JAVA PROGRAMING, JAVA EXERCISE, JAVA REFERENCE, JAVA, JAVA COURSE, JAVA BOOK, JAVA KINDLE, JAVA BEGINNERS, LEARNING JAVA, JAVA LANGUAGE, JAVA EXAMPLES, JAVA TUTORIALS, JAVA PROGRAMMING LANGUAGE, JAVA CODING, JAVA PROGRAMMING FOR BEGINNERS, JAVA FOR DUMMIES, JAVA MACHINE LEARNING, JAVA BEGINNERS GUIDE

🔖 **JAVA PROGRAMMING FOR BEGINNERS** DANIEL LORIG,2016-10-27 JAVA IS CURRENTLY AMONG THE MOST WIDELY USED PROGRAMMING LANGUAGES. IT IS PARTICULARLY POPULAR AMONG PROGRAMMING BEGINNERS, BECAUSE THE LANGUAGE IS BOTH POWERFUL AND FREE OF ERROR-PRONE CONCEPTS, SUCH AS POINTER ARITHMETIC. THIS BOOK IS ESPECIALLY WRITTEN FOR ABSOLUTE PROGRAMMING BEGINNERS WHO HAVE NO PREVIOUS KNOWLEDGE OF JAVA OR OTHER PROGRAMMING LANGUAGES. IT EXPLAINS IMPORTANT PROGRAMMING CONCEPTS IN AN EASY AND COMPREHENSIVE WAY, ALLOWING PROGRAMMING BEGINNERS TO FAMILIARIZE THEMSELVES WITH THE LANGUAGE VERY QUICKLY. THERE ARE PROGRAMMING EXAMPLES FOR EVERY TOPIC TO REINFORCE THE LESSONS. FURTHERMORE, THE BOOK RECOMMENDS MORE THAN SIXTY-FIVE WEBPAGES THAT CAN HELP READERS IMPROVE THEIR CODING SKILLS. THE BOOK INCLUDES ADVANCED TOPICS SUCH AS NETWORK PROGRAMMING, CONCURRENCY, AND GRAPHICAL USER INTERFACES; THE BASICS OF THESE AND OTHER TOPICS ARE PRESENTED IN A BEGINNER-FRIENDLY WAY. LEARNING BY DOING IS A RELIABLE METHOD FOR LEARNING PROGRAMMING LANGUAGES. IN KEEPING WITH THIS METHOD, THE BOOK OFFERS EXERCISES FOR ALL TOPICS COVERED. YOU CAN APPLY YOUR LEARNING DIRECTLY AND INTENSIFY YOUR KNOWLEDGE OF THE JAVA PROGRAMMING LANGUAGE. THE BOOK COVERS THE FOLLOWING TOPICS: BASICS OF THE LANGUAGE (COMPILER, ECLIPSE) CORE COMPONENTS OF THE JAVA PROGRAMMING LANGUAGE CONTROL FLOW: CONDITIONS AND LOOPS OBJECT ORIENTATION: A BRIEF OVERVIEW PRIMITIVE DATA TYPES EXPRESSIONS AND OPERATORS ARRAYS STRINGS CLASSES AND OBJECTS REFERENCES, PARAMETERS, AND NULL INHERITANCE EXCEPTIONS GENERICS COLLECTIONS FILE MANAGEMENT CONCURRENCY NETWORK PROGRAMMING GRAPHICAL USER INTERFACES (GUIs) ADDITIONAL WEB RESOURCES EXAMPLE CODE DOWNLOADS

🔖 **BEGINNING PROGRAMMING WITH JAVA FOR DUMMIES** BARRY BURD,2012-03-16 ONE OF THE MOST POPULAR BEGINNING PROGRAMMING BOOKS, NOW FULLY UPDATED JAVA IS A POPULAR LANGUAGE FOR BEGINNING PROGRAMMERS, AND EARLIER EDITIONS OF THIS FUN AND FRIENDLY GUIDE HAVE HELPED THOUSANDS GET STARTED. NOW FULLY REVISED TO COVER RECENT UPDATES FOR JAVA 7.0, BEGINNING PROGRAMMING WITH JAVA FOR DUMMIES, 3RD EDITION IS CERTAIN TO PUT MORE FIRST-TIME PROGRAMMERS AND JAVA BEGINNERS ON THE ROAD TO JAVA MASTERY. EXPLORES WHAT GOES INTO CREATING A PROGRAM, PUTTING THE PIECES TOGETHER, DEALING WITH STANDARD PROGRAMMING CHALLENGES, DEBUGGING, AND MAKING THE PROGRAM WORK OFFERS NEW OPTIONS FOR TOOLS AND TECHNIQUES USED IN JAVA DEVELOPMENT PROVIDES VALUABLE INFORMATION AND EXAMPLES FOR THE WOULD-BE PROGRAMMER WITH NO JAVA EXPERIENCE ALL EXAMPLES ARE UPDATED TO REFLECT THE LATEST CHANGES IN JAVA 7.0 BEGINNING PROGRAMMING WITH JAVA FOR DUMMIES, 3RD EDITION OFFERS AN EASY-TO-UNDERSTAND INTRODUCTION TO PROGRAMMING THROUGH THE POPULAR, VERSATILE JAVA 7.0 LANGUAGE.

🔖 BEGINNING JAVA 8 FUNDAMENTALS KISHORI SHARAN,2014-06-24 BEGINNING JAVA 8 FUNDAMENTALS PROVIDES A COMPREHENSIVE APPROACH TO LEARNING THE JAVA PROGRAMMING LANGUAGE, ESPECIALLY THE OBJECT-ORIENTED FUNDAMENTALS NECESSARY AT ALL LEVELS OF JAVA DEVELOPMENT. AUTHOR KISHORI SHARAN PROVIDES OVER 90 DIAGRAMS AND 240 COMPLETE PROGRAMS TO HELP BEGINNERS AND INTERMEDIATE LEVEL PROGRAMMERS LEARN THE TOPICS FASTER. STARTING WITH BASIC PROGRAMMING CONCEPTS, THE AUTHOR WALKS YOU THROUGH WRITING YOUR FIRST JAVA PROGRAM STEP-BY-STEP. ARMED WITH THAT PRACTICAL EXPERIENCE, YOU’LL BE READY TO LEARN THE CORE OF THE JAVA LANGUAGE. THE BOOK CONTINUES WITH A SERIES OF FOUNDATION TOPICS, INCLUDING USING DATA TYPES, WORKING WITH OPERATORS, AND WRITING STATEMENTS IN JAVA. THESE BASICS LEAD ONTO THE HEART OF THE JAVA LANGUAGE: OBJECT-ORIENTED PROGRAMMING. BY LEARNING TOPICS SUCH AS CLASSES, OBJECTS, INTERFACES, AND INHERITANCE YOU’LL HAVE A GOOD UNDERSTANDING OF JAVA’S OBJECT-ORIENTED MODEL. THE FINAL COLLECTION OF TOPICS TAKES WHAT YOU’VE LEARNED AND TURNS YOU INTO A REAL JAVA PROGRAMMER. YOU’LL SEE HOW TO TAKE THE POWER OF OBJECT-ORIENTED PROGRAMMING AND WRITE PROGRAMS THAT CAN HANDLE ERRORS AND EXCEPTIONS, PROCESS STRINGS AND DATES, FORMAT DATA, AND WORK WITH ARRAYS TO MANIPULATE DATA.

- 📖 **BEGINNING JAVA 2** Ivor Horton, 2002 The JAVA LANGUAGE HAS BEEN GROWING FROM STRENGTH TO STRENGTH SINCE ITS INCEPTION IN 1995. IT HAS SINCE PROVED TO BE BOTH POWERFUL AND EXTRAORDINARILY EASY TO LEARN AND USE. THIS IS WHAT MAKES IT IDEAL FOR THE BEGINNER. WITH DRAMATIC CHANGES TO IT’S HANDLING OF FILES, AND THE INTRODUCTION OF NATIVE SUPPORT FOR XML, JAVA HAS BEEN UPDATED TO WORK FASTER AND TO BE CURRENT WITH THE INCREDIBLE RISE OF XML AS A MEDIUM FOR COMMUNICATING DATA. THIS EDITION OF THE BEGINNING JAVA BOOKS OUTLINES EVERYTHING THE BEGINNING PROGRAMMER NEEDS TO KNOW TO PROGRAM WITH THE JAVA PROGRAMMING LANGUAGE AND THE 1.4 JAVA DEVELOPER KIT. WITH THE RELEASE OF JDK 1.4, PROGRAMMERS CAN LOOK FORWARD TO THE MOST STABLE EDITION YET, AND EVEN BETTER PERFORMANCE THAN WAS AVAILABLE PREVIOUSLY. IVOR’S INIMITABLE STYLE HAS PROVED TO BE A HIT WITH NEARLY HALF A MILLION PEOPLE WITH ITS EASY TO LEARN APPROACH AND THE MANY USEFUL EXAMPLES. REGULARLY VOTED THE MOST POPULAR JAVA PROGRAMMING BOOK, THIS BOOK TEACHES JAVA FROM SCRATCH AND ASSUMES NO PREVIOUS KNOWLEDGE. IT IS ALSO SUITABLE FOR THOSE WHO HAVE GOT SOME PROGRAMMING EXPERIENCE, ESPECIALLY C OR C++, WHICH WILL MAKE LEARNING EASIER. EITHER WAY YOU WILL SOON BECOME EXPERT IN CREATING YOUR OWN PROGRAMS. IT INCLUDES A FULL EXPLANATION OF OBJECT ORIENTED PROGRAMMING. A COMPREHENSIVE INTRODUCTION TO SWING IS ACCOMPANIED BY A SIGNIFICANT APPLICATION THAT YOU WILL DEVELOP THROUGH THE LAST HALF OF THE BOOK, AND WHICH DEMONSTRATES ALL OF THE NECESSARY SKILLS FOR CREATING FULLY FEATURES JAVA APPLICATIONS. TO ADD TO THIS, HELP FROM YOUR PEERS AND FROM THE AUTHOR ARE AVAILABLE THROUGH THE UNIQUE PROGRAMMER TO PROGRAMMER MAILING LISTS, FORUMS, AND NEWSGROUPS ALL IN ADDITION TO OUR ONE-TO-ONE EMAIL SUPPORT HELPING YOU TO OVERCOME ANY DIFFICULTIES, AND WORK THROUGH
- 📖 **BASIC JAVA PROGRAMMING FOR KIDS AND BEGINNERS** GreatKnowledgeSharing, 2019-07-30 This book is written to help integrate children within the age of 11 and beginners alike into the art of computer programming using Java programming language. No prior knowledge is required in order to use this book. All the topics covered in this book utilizes a simple and easy to follow approach. There is a “do it yourself” exercise at the end of each lesson; these exercises give the readers an opportunity to apply what they’ve learned before proceeding to the next lesson. The exercises are written with a text editor in order to familiarize the readers with the basics of Java programming language.
- 📖 **BEGINNING JAVA OBJECTS** Jacquie Barker, 2006-11-22 Export author Barker covers information key for proficiency with an OO programming language like Java, and shows how to really create reusable code and extensible applications.
- 📖 **JAVA PROGRAMMING FOR BEGINNERS** Mark Lassoﬀ, 2017-10-31 Java Programming for Beginners is an introduction to Java programming, taking you through the Java syntax and the fundamentals of object-oriented programming. About This Book Learn the basics of Java programming in a step-by-step manner Simple, yet thorough steps that beginners can follow Teaches you transferable skills, such as flow control and object-oriented programming Who This Book Is For This book is for anyone wanting to start learning the Java language, whether you’re a student, casual learner, or existing programmer looking to add a new language to your skillset. No previous experience of Java or programming in general is required. What You Will Learn Learn the core Java language for both Java 8 and Java 9 Set up your Java programming environment in the most efficient way Get to know the basic syntax of Java Understand object-oriented programming and the benefits that it can bring Familiarize yourself with the workings of some of Java’s core classes Design and develop a basic GUI Use industry-standard XML for passing data between applications In Detail Java is an object-oriented programming language, and is one of the most widely accepted languages because of its design and programming features, particularly in its promise that you can write a program once and run it anywhere. Java Programming for Beginners is an excellent introduction to the world of Java programming, taking you through the basics of Java syntax and the complexities of object-oriented programming. You’ll gain a full understanding of Java SE programming and will be able to write Java programs with graphical user interfaces that run on PC, Mac, or Linux machines. This book is full of informative and entertaining content, challenging exercises, and dozens of code examples you can run and learn from. By reading this book, you’ll move from understanding the data types in Java, through loops and conditionals, and on to functions, classes, and file handling. The book finishes with a look at GUI development and training on how to work with XML. The book takes an efficient route through the Java landscape, covering all of the core topics that a Java developer needs. Whether you’re an absolute beginner to programming, or a seasoned programmer approaching an object-oriented language for the first time, Java Programming for Beginners delivers the focused training you need to become a Java developer. Style and Approach This book takes a very hands-on approach, carefully building on lessons learned with snippets and tutorials to build real projects.
- 📖 **BEGINNING JAVA 9 FUNDAMENTALS** Kishori Sharan, 2017-11-01 Learn the basics of Java 9, including basic programming concepts and the object-oriented fundamentals necessary at all levels of Java development. Author Kishori Sharan walks you through writing your first Java program step-by-step. Armed with that practical experience, you’ll be ready to learn the core of the Java language. Beginning Java 9 Fundamentals provides over 90 diagrams and 240 complete programs to help you learn the topics faster. The book continues with a series of foundation topics, including using data types, working with operators, and writing statements in Java. These basics lead onto the heart of the Java language: object-oriented programming. By learning topics such as classes, objects, interfaces, and inheritance you’ll have a good understanding of Java’s object-oriented model. The final collection of topics takes what you’ve learned and turns you into a real Java programmer. You’ll see how to take the power of object-oriented programming and write programs that can handle errors and exceptions, process strings and dates, format data, and work with arrays to manipulate data. This book is a companion to two other books also by Sharan focusing on APIs and advanced Java topics. What You’ll Learn Write your first Java programs with an emphasis on learning object-oriented programming in Java Work with data types, operators, statements, classes and objects Handle exceptions, assertions, strings and dates, and object formatting Use regular expressions Work with arrays, interfaces, enums, and inheritance Take advantage of the new JShell REPL tool Who This Book Is For Those who are new to Java programming, who may have some or even no prior programming experience.
- 📖 **BEGINNING JAVA 17 FUNDAMENTALS** Kishori Sharan, Adam L. Davis, 2021-11-28 Learn the fundamentals of the Java 17 LTS or Java Standard Edition version 17 Long Term Support release, including basic programming concepts and the object-oriented fundamentals necessary at all levels of Java development. Authors Kishori Sharan and Adam L. Davis walk you through writing your first Java program step-by-step. Armed with that practical experience, you’ll be ready to learn the core of the Java language. Beginning Java 17 Fundamentals provides over 90 diagrams and 240 complete programs to help you learn the topics faster. While this book teaches you the basics, it also has been revised to include the latest from Java 17 including the following: value types (records), immutable objects with an efficient memory layout; local variable type inference (var); pattern matching, a mechanism for testing and deconstructing values; sealed types, a mechanism for declaring all possible subclasses of a class; multiline text values; and switch expressions. The book continues with a series of foundation topics, including using data types, working with operators, and writing statements in Java. These basics lead onto the heart of the Java language: object-oriented programming. By learning topics such as classes, objects, interfaces, and inheritance you’ll have a good understanding of Java’s object-oriented model. The final collection of topics takes what you’ve learned and turns you into a real Java programmer. You’ll see how to take the power of object-oriented programming and write programs that can handle errors and exceptions, process strings and dates, format data, and work with arrays to manipulate data. What You Will Learn Write your first Java programs with emphasis on learning object-oriented programming How to work with switch expressions, value types (records), local variable type inference, pattern matching switch and more from Java 17 Handle exceptions, assertions, strings and dates, and object formatting Learn about how to define and use modules Dive in depth into classes, interfaces, and inheritance in Java Use regular expressions Take advantage of the JShell REPL tool Who This Book Is For Those who are new to Java programming, who may have some or even no prior programming experience.
- 📖 **JAVA FOR ABSOLUTE BEGINNERS** Iuliana Cosmina, 2018-12-05 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.
- 📖 **TEACH YOURSELF JAVA FOR MACINTOSH IN 21 DAYS** Laura Lemay, Charles L. Perkins, Tim Webster, 1996-01-01 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).
- 📖 **JAVA FOR BEGINNERS** Scott Sanderson, 2014-12-31 Are you frustrated with all the complicated jargon that is in most Java programming guides? Do you want to learn Java in the simplest, most clear-cut way possible? If so, then you are in the right spot. You will be taken by the hand to understand all of the basics (and more) of the Java programming language in the simplest way possible. We’ve all been there... That time when we first glanced at the Java programming language, and felt our stomach sink at the thought of how overwhelming and confusing this language looks. So we just stare at it for a while and hope that some sort of osmosis will take over and the language will somehow be implanted into our brains. Well...obviously that is not the case. However, you are in luck today because you found this Java programming guide that will make it as simple as possible for you to learn the Java language. By the end of this book, I promise you will feel highly confident and comfortable with Java. Here is a glimpse of the topics you will learn: - Java - Basic Syntax - Objects and Classes - Basic Data Types - Variable Types - Operators in Java - Loops in Java - Decision Making - Strings in Java - Arrays - Regular Expressions - Methods - File Handling - Exception Handling - Interfaces and Packages - Java Applets

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