Easyread Java Interview Questions Part 1 Interview Questions And Answers On Core Java And Related Topics

Kotlin in ActionAce the Software Engineering InterviewThe Complete Guide to Capital Markets for Quantitative ProfessionalsBiomedical InformaticsConfessions of an Economic Hit ManThinking in JavaTOP 30 Java Interview Coding TasksProgramming Interviews ExposedA Philosophy of Software DesignAlgorithms UnlockedSQL Performance ExplainedWuthering HeightsAlgorithms in a Nutshelllava Essentials for C and C++ ProgrammersCocoa Design Patternslava SE8 for the Really ImpatientEasyread Java Interview Questions -Part 1C++ DistilledKiller Consulting ResumesPraxis Core For Dummies with Online Practice TestsProgramming Interviews ExposedA Taste of Functional Programming in ScalaRuby RecipesTalking with Tech LeadsThe Self-Taught ProgrammerEngineering a CompilerHead First JavaJava Concurrency in PracticeDaily Coding ProblemJava(tm)2: A Beginner's GuideIntroduction To AlgorithmsThe Clean CoderThings Fall ApartMaintainable JavaScriptCoders at WorkTOP 30 SQL Interview Coding TasksSQL the OneKing Leopold's Ghost97 Things Every Java Programmer Should KnowLearning JavaScript Data Structures and **Algorithms**

Lava And Related Topics Kotlin in Action

The Complete Guide to Capital Markets for Quantitative Professionals is a comprehensive resource for readers with a background in science and technology who want to transfer their skills to the financial industry. It is written in a clear, conversational style and requires no prior knowledge of either finance or financial analytics. The book begins by discussing the operation of the financial industry and the business models of different types of Wall Street firms, as well as the job roles those with technical backgrounds can fill in those firms. Then it describes the mechanics of how these firms make money trading the main financial markets (focusing on fixed income, but also covering equity, options and derivatives markets), and highlights the ways in which quantitative professionals can participate in this money-making process. The second half focuses on the main areas of Wall Street technology and explains how financial models and systems are created, implemented, and used in real life. This is one of the few books that offers a review of relevant literature and Internet resources.

Ace the Software Engineering Interview

The Complete Guide to Capital Markets for Quantitative Professionals

Bestselling author and programming guru Herb Schildt brings you Java 2 essentials in this newly

updated introductory guide. Covering the latest I/O classes and features, this book teaches you Java 2 fundamentals through hands-on projects, end-of-module reviews, annotated code samples, and Q&A sections.

Biomedical Informatics

This entirely revised second edition of Engineering a Compiler is full of technical updates and new material covering the latest developments in compiler technology. In this comprehensive text you will learn important techniques for constructing a modern compiler. Leading educators and researchers Keith Cooper and Linda Torczon combine basic principles with pragmatic insights from their experience building state-of-the-art compilers. They will help you fully understand important techniques such as compilation of imperative and object-oriented languages, construction of static single assignment forms, instruction scheduling, and graph-coloring register allocation. In-depth treatment of algorithms and techniques used in the front end of a modern compiler Focus on code optimization and code generation, the primary areas of recent research and development Improvements in presentation including conceptual overviews for each chapter, summaries and review questions for sections, and prominent placement of definitions for new terms Examples drawn from several different programming languages

Confessions of an Economic Hit Man

"Congratulations! You are going to WIN your next SQL Server interview. "SQL The One" book can guide you to achieve the success in your next interview. This book covers Microsoft SQL Server interview experiences, questions and answers for a range of SQL DBA's and SQL Server Professionals. All of these questions have been collected from the people who attended interviews at various multinational companies across the world. It also covers "How to prepare for a SQL DBA interview?" and "How to become an expert in your career?" Salient Features of Book All interview questions are asked in various MNC Covers 1090 real time questions and answers 254 questions on SQL Server Performance Tuning Covers all SQL Server HA & DR features 316 questions on SQL Server HA & DR features Lots of scenario based questions Covers SQL Server 2005, 2008, 2008 R2, 2012, 2014 and 2016 Questions are categorized Indepth explanations An Interview Experience with Microsoft Useful as a reference guide for SQL DBA Interview preparation

Thinking in Java

The practice of modern medicine and biomedical research requires sophisticated information technologies with which to manage patient information, plan diagnostic procedures, interpret laboratory results, and carry out investigations. Biomedical Informatics provides both a conceptual framework and a practical inspiration for this swiftly emerging scientific discipline at the intersection of computer science, decision science, information

science, cognitive science, and biomedicine. Now revised and in its third edition, this text meets the growing demand by practitioners, researchers, and students for a comprehensive introduction to key topics in the field. Authored by leaders in medical informatics and extensively tested in their courses, the chapters in this volume constitute an effective textbook for students of medical informatics and its areas of application. The book is also a useful reference work for individual readers needing to understand the role that computers can play in the provision of clinical services and the pursuit of biological questions. The volume is organized so as first to explain basic concepts and then to illustrate them with specific systems and technologies.

TOP 30 Java Interview Coding Tasks

Programming Interviews Exposed

Peter Seibel interviews 15 of the most interesting computer programmers alive today in Coders at Work, offering a companion volume to Apress's highly acclaimed best-seller Founders at Work by Jessica Livingston. As the words "at work" suggest, Peter Seibel focuses on how his interviewees tackle the day-to-day work of programming, while revealing much more, like how they became great programmers, how they recognize programming talent in others, and what kinds of problems they find most interesting. Hundreds of people have suggested names of programmers to interview on the Coders at Work web

site: www.codersatwork.com. The complete list was 284 names. Having digested everyone's feedback, we selected 15 folks who've been kind enough to agree to be interviewed: Frances Allen: Pioneer in optimizing compilers, first woman to win the Turing Award (2006) and first female IBM fellow loe Armstrong: Inventor of Erlang Joshua Bloch: Author of the Java collections framework, now at Google Bernie Cosell: One of the main software guys behind the original ARPANET IMPs and a master debugger Douglas Crockford: ISON founder, JavaScript architect at Yahoo! L. Peter Deutsch: Author of Ghostscript, implementer of Smalltalk-80 at Xerox PARC and Lisp 1.5 on PDP-1 Brendan Eich: Inventor of JavaScript, CTO of the Mozilla Corporation Brad Fitzpatrick: Writer of LiveJournal, OpenID, memcached, and Perlbal Dan Ingalls: Smalltalk implementor and designer Simon Peyton Jones: Coinventor of Haskell and lead designer of Glasgow Haskell Compiler Donald Knuth: Author of The Art of Computer Programming and creator of TeX Peter Norvig: Director of Research at Google and author of the standard text on Al Guy Steele: Coinventor of Scheme and part of the Common Lisp Gang of Five, currently working on Fortress Ken Thompson: Inventor of UNIX Jamie Zawinski: Author of XEmacs and early Netscape/Mozilla hacker

A Philosophy of Software Design

Algorithms Unlocked

"An enthralling story . . . A work of history that reads

like a novel. Christian Science Monitor "As Hochschild's brilliant book demonstrates, the great Congo scandal prefigured our own times . . . This book must be read and reread." — Los Angeles Times Book Review In the late nineteenth century, as the European powers were carving up Africa, King Leopold II of Belgium carried out a brutal plundering of the territory surrounding the Congo River. Ultimately slashing the area's population by ten million, he still managed to shrewdly cultivate his reputation as a great humanitarian. A tale far richer than any novelist could invent, King Leopold's Ghost is the horrifying account of a megalomaniac of monstrous proportions. It is also the deeply moving portrait of those who defied Leopold: African rebel leaders who fought against hopeless odds and a brave handful of missionaries, travelers, and young idealists who went to Africa for work or adventure but unexpectedly found themselves witnesses to a holocaust and participants in the twentieth century's first great human rights movement. A National Book Critics Circle Award Finalist A New York Times Notable **Book**

SQL Performance Explained

Create classic data structures and algorithms such as depth-first search and breadth-first search, learn recursion, as well as create and use a heap data structure using JavaScript Key Features Implement common data structures and the associated algorithms along with the context in which they are used Master existing JavaScript data structures such

as arrays, sets, and maps, and learn how to implement new ones such as stacks, linked lists, trees, and graphs in ES 8 Develop abstract data types to make JavaScript a more flexible and powerful programming language Book Description A data structure is a particular way of organizing data in a computer to utilize resources efficiently. Data structures and algorithms are the base of every solution to any programming problem. With this book, you will learn to write complex and powerful code using the latest ES 2017 features. Learning JavaScript Data Structures and Algorithms begins by covering the basics of JavaScript and introduces you to ECMAScript 2017, before gradually moving on to the most important data structures such as arrays, queues, stacks, and linked lists. You will gain in-depth knowledge of how hash tables and set data structures function as well as how trees and hash maps can be used to search files in an HD or represent a database. This book serves as a route to take you deeper into JavaScript. You'll also get a greater understanding of why and how graphs, one of the most complex data structures, are largely used in GPS navigation systems in social networks. Toward the end of the book, you'll discover how all the theories presented in this book can be applied to solve real-world problems while working on your own computer networks and Facebook searches. What you will learn Declare, initialize, add, and remove items from arrays, stacks, and gueues Create and use linked lists, doubly linked lists, and circular linked lists Store unique elements with hash tables, dictionaries, and sets Explore the use of binary trees and binary search trees Sort data structures using algorithms such as bubble sort, $\frac{Page}{Page}$

selection sort, insertion sort, merge sort, and quick sort Search elements in data structures using sequential sort and binary search Who this book is for If you're a JavaScript developer who wants to dive deep into JavaScript and write complex programs using JavaScript data structures and algorithms, this book is for you.

Wuthering Heights

Provides information on Cocoa design patterns along with data models, AppKit views, bindings, and controllers.

Algorithms in a Nutshell

Java Essentials for C and C++ Programmers

Creating robust software requires the use of efficient algorithms, but programmers seldom think about them until a problem occurs. Algorithms in a Nutshell describes a large number of existing algorithms for solving a variety of problems, and helps you select and implement the right algorithm for your needs --with just enough math to let you understand and analyze algorithm performance. With its focus on application, rather than theory, this book provides efficient code solutions in several programming languages that you can easily adapt to a specific project. Each major algorithm is presented in the style of a design pattern that includes information to help

you understand why and when the algorithm is appropriate. With this book, you will: Solve a particular coding problem or improve on the performance of an existing solution Quickly locate algorithms that relate to the problems you want to solve, and determine why a particular algorithm is the right one to use Get algorithmic solutions in C, C++, Java, and Ruby with implementation tips Learn the expected performance of an algorithm, and the conditions it needs to perform at its best Discover the impact that similar design decisions have on different algorithms Learn advanced data structures to improve the efficiency of algorithms With Algorithms in a Nutshell, you'll learn how to improve the performance of key algorithms essential for the success of your software applications.

Cocoa Design Patterns

Eagerly anticipated by millions of programmers, Java SE 8 is the most important Java update in many years. The addition of lambda expressions (closures) and streams represents the biggest change to Java programming since the introduction of generics and annotations. Now, with Java SE 8 for the Really Impatient, internationally renowned Java author Cay S. Horstmann concisely introduces Java 8's most valuable new features (plus a few Java 7 innovations that haven't gotten the attention they deserve). If you're an experienced Java programmer, Horstmann's practical insights and sample code will help you quickly take advantage of these and other Java language and platform improvements. This

indispensable guide includes Coverage of using lambda expressions (closures) to write computation "snippets" that can be passed to utility functions The brand-new streams API that makes Java collections far more flexible and efficient Major updates to concurrent programming that make use of lambda expressions (filter/map/reduce) and that provide dramatic performance improvements for shared counters and hash tables A full chapter with advice on how you can put lambda expressions to work in your own programs Coverage of the long-awaited introduction of a well-designed date/time/calendar library (ISR 310) A concise introduction to JavaFX, which is positioned to replace Swing GUIs, and to the Nashorn Javascript engine A thorough discussion of many small library changes that make Java programming more productive and enjoyable This is the first title to cover all of these highly anticipated improvements and is invaluable for anyone who wants to write tomorrow's most robust, efficient, and secure Java code.

Java SE8 for the Really Impatient

An introductory book of Functional Programming using Scala. Some core concepts discussed and some topics presented in an easy to understand manner, using a lot of explained examples.

Easyread Java Interview Questions - Part 1

"This book is not just about learning to program;

although you will learn to code. If you want to program professionally, it is not enough to learn to code; that is why, in addition to helping you learn to program, I also cover the rest of the things you need to know to program professionally that classes and books don't teach you. "The Self-taught Programmer" is a roadmap, a guide to take you from writing your first Python program, to passing your first technical interview."--Amazon.

C++ Distilled

The proposed ANSi C++ standard contains over 600 pages of dense, technical specifications, making it an impractical reference for C++ programmers who need only to be reminded quickly of the proper technical format for major C++ constructs. A manageable 224 pages, this book serves as an inexpensive and accessible "Cliff Notes & reg;" for that lengthy standard. This book covers the important subjects of lexical elements, constants, declarations and scope rules, linkage rules, types, conversion rules, expressions and operators, functions, classes, inheritance templates, exceptions, input/output, and the string library. in addition, the book summarizes the new proposed features of ANSi C++, highlights the Standard Template Library (STL), and points out compatibility issues to watch out for.

Killer Consulting Resumes

Presents practical advice on the disciplines, techniques, tools, and practices of computer

programming and how to approach software development with a sense of pride, honor, and self-respect.

Praxis Core For Dummies with Online Practice Tests

Designed for experienced programmers who want to expand their knowledge, a detailed introduction to Java identifies its similarities to C and C++ while providing code samples. Original. (Intermediate).

Programming Interviews Exposed

The book has over a hundred interview guestions, relevant to job interviews for Java developers (especially for mid to senior level). This may be helpful for interviewers, as well as potential candidates preparing for a job interview, where Java questions may be asked. It focuses on core Java, but also has questions on topics such as design patterns, or object oriented concepts, which may be asked in a Java interview. For interviewers the book may provide quite a few complete sets of Java interview questions. For professionals who are not preparing for an interview in near future, this could still help understanding certain topics better, or intriguing them into further investigation on certain specific topics. It is, (in my view) easily readable, and may also be convenient for quick recap. In this sense, it can be a substitute for notes on Java interview questions.

A Taste of Functional Programming in Scala

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

Ruby Recipes

Talking with Tech Leads

Get the confidence you need to ace the Praxis Core Prepping for the Praxis Core can feel like a pain—but it doesn't have to! Beginning with a thorough overview of the exam to ensure there are no surprises on test day, Praxis Core For Dummies with Online Practice Tests arms you with expert test-taking strategies and gives you access to the types of questions you're likely to encounter on the reading, writing, and mathematics portions of the Praxis Core Academic Skills For Educators exam. As a future educator, you know how thorough preparation can affect performance—and this is one exam that requires your very best. This hands-on study guide gives you all the study guidance, tried-and-true strategies, and practice opportunities you need to brush up on your strong suits, pinpoint where you need more help, and gain the confidence you need to pass the Praxis Core with flying colors. Get a detailed overview of the exam Take six full-length practice

tests (two in the book and four additional tests online) Answer hundreds of practice questions Hone your testtaking skills This is the ultimate study guide to one of the most important tests you'll ever take.

The Self-Taught Programmer

Daily Coding Problem contains a wide variety of questions inspired by real programming interviews, with in-depth solutions that clearly take you through each core concept. You'll learn about: * Linked Lists * Arrays * Heaps * Trees * Graphs * Randomized Algorithms * Backtracking * Dynamic Programming * Stacks and Queues * Bit Manipulation * System Design

Engineering a Compiler

This expanded edition of Chinua Achebe's first novel portrays the collision of African and European cultures in an Igbo village. Okonkwo, a great man in Igbo traditional society, cannot adapt to the profound changes brought by the British conquest of Nigeria. Yet, as in classic tragedy, Okonkwo's character as well as external forces contribute to his downfall. This expanded edition includes new illustrations, maps, additional essays on history, culture, and literature, and reference material to help readers see Achebe's classic novel in social and historical context, and to understand its place in world literature.

Head First Java

The pressure is on during the interview process but with the right preparation, you can walk away with your dream job. This classic book uncovers what interviews are really like at America's top software and computer companies and provides you with the tools to succeed in any situation. The authors take you step-by-step through new problems and complex brainteasers they were asked during recent technical interviews. 50 interview scenarios are presented along with in-depth analysis of the possible solutions. The problem-solving process is clearly illustrated so you'll be able to easily apply what you've learned during crunch time. You'll also find expert tips on what questions to ask, how to approach a problem, and how to recover if you become stuck. All of this will help you ace the interview and get the job you want. What you will learn from this book Tips for effectively completing the job application Ways to prepare for the entire programming interview process How to find the kind of programming job that fits you best Strategies for choosing a solution and what your approach says about you How to improve your interviewing skills so that you can respond to any question or situation Techniques for solving knowledge-based problems, logic puzzles, and programming problems Who this book is for This book is for programmers and developers applying for jobs in the software industry or in IT departments of major corporations. Wrox Beginning guides are crafted to make learning programming languages and technologies easier than you think, providing a structured, tutorial format that will guide you through all the techniques involved.

Java Concurrency in Practice

Threads are a fundamental part of the Java platform. As multicore processors become the norm, using concurrency effectively becomes essential for building high-performance applications. Java SE 5 and 6 are a huge step forward for the development of concurrent applications, with improvements to the Java Virtual Machine to support high-performance, highly scalable concurrent classes and a rich set of new concurrency building blocks. In Java Concurrency in Practice, the creators of these new facilities explain not only how they work and how to use them, but also the motivation and design patterns behind them. However, developing, testing, and debugging multithreaded programs can still be very difficult; it is all too easy to create concurrent programs that appear to work, but fail when it matters most: in production, under heavy load. Java Concurrency in Practice arms readers with both the theoretical underpinnings and concrete techniques for building reliable, scalable, maintainable concurrent applications. Rather than simply offering an inventory of concurrency APIs and mechanisms, it provides design rules, patterns, and mental models that make it easier to build concurrent programs that are both correct and performant. This book covers: Basic concepts of concurrency and thread safety Techniques for building and composing thread-safe classes Using the concurrency building blocks in java.util.concurrent Performance optimization dos and don'ts Testing concurrent programs Advanced topics such as atomic variables, nonblocking algorithms, and Acces PDF Easyread Java Interview Questions
Part 1 Interview Questions And Answers On Core
The Java Memory Model
The Java Memory Model

Daily Coding Problem

An introduction to writing code with JavaScript covers such topics as style guidelines, programming practices, and automation.

Java(tm)2: A Beginner's Guide

A book for Tech Leads, from Tech Leads. Discover how more than 35 Tech Leads find the delicate balance between the technical and non-technical worlds. Discover the challenges a Tech Lead faces and how to overcome them. You may be surprised by the lessons they have to share.

Introduction To Algorithms

Solve your Ruby programming problems that occur during your day-to-day scripting work. This book contains a varied selection of practical and interesting code recipes designed to make your coding life easier. Ruby Recipes includes solutions to problems in working with data, handling exceptions, writing blocks, and using regular expressions. This book provides ready scripts for both simple complex scripting tasks, which you can use readily or with only minor modifications. These scripts cover areas such as collections, classes and structures, functional programming, and log handling. With these handy recipes at your fingertips, you will be able to solve those niggling problems and become even more

efficient. What You Will Learn Install and run Ruby Read and write data Write functions Work with arrays, ranges, hashes, and iterators Handle dates and time Process XML as text Master OOP concepts such as classes, objects, subclassing, and inheritance Connect to databases Who This Book Is For Programmers new to Ruby, and web developers interested in knowing the foundations of the language.

The Clean Coder

Having Trouble with the Technical Interview? Are you contemplating a job change? Are you ready to begin the interview process? Is this your first interview experience? Perhaps you have been through this process multiple times. Do you find the programming interview process intimidating and overwhelming? Don't let fear and apprehension keep you from performing at your best during your next coding interview. A Technical Interview Preparation Framework During my years in the software engineering industry, I've been on both sides of the technical interview table numerous times. I have interviewed hundreds of Java developers and software engineers. I've played key roles in improving the software engineer hiring and recruiting processes at some large organizations. I've conducted the coding or programming interview, the generic technical interview, the core Java interview, the case interview, and the problem-solving interview. During this process, I've discovered that not all programming interviews are created equal. There are numerous coding and non-coding questions that can be used to

help indicate the quality of a particular software engineering candidate. Leveraging those experiences, I will outline a framework that will help you understand the ideal time to change jobs, provide guidance on which organizations to seek out or avoid, and then guide you through the preparation and interview process in a way that will help you best represent yourself when it is time to showcase your talents and skills. Preparation is the key to a successful coding interview. This book will help set the expectations on what things an interviewer looks for in a technical candidate. Interview Questions and Answers There are a number of questions that you should have answered prior to your next interview. You need to understand what motivations are driving your job search. You should know what kinds of questions an interviewer is likely to ask you, and what level of importance is applied to your answers to various questions and question types. While a Java developer would expect to see core Java questions, and a .Net developer would expect to see core .Net questions, there are a host of other topic areas that are important to the interviewer. You will find the following included in this book. Questions you should ask yourself when thinking about a job switch. Questions to ask your interviewer to help determine the organizational health of your potential employer. Characteristics of a great software engineer. Essential software engineer skills and competencies, both coding and non-coding related. The types of interview questions you may encounter. Checklist to help you prepare for your next interview. Interview questions you may be asked, and what the interviewer is looking for in your answers. Questions you should ask $P_{Page 20/27}$

your interviewer, and the answers you should be looking for.

Things Fall Apart

If you want to push your Java skills to the next level, this book provides expert advice from Java leaders and practitioners. You'll be encouraged to look at problems in new ways, take broader responsibility for your work, stretch yourself by learning new techniques, and become as good at the entire craft of development as you possibly can. Edited by Kevlin Henney and Trisha Gee, 97 Things Every Java Programmer Should Know reflects lifetimes of experience writing Java software and living with the process of software development. Great programmers share their collected wisdom to help you rethink Java practices, whether working with legacy code or incorporating changes since Java 8. A few of the 97 things you should know: "Behavior Is Easy, State Is Hard"—Edson Yanaga "Learn Java Idioms and Cache in Your Brain"—Jeanne Boyarsky "Java Programming from a IVM Performance Perspective"—Monica Beckwith "Garbage Collection Is Your Friend"—Holly K Cummins "Java's Unspeakable Types"—Ben Evans "The Rebirth of Java"—Sander Mak "Do You Know What Time It Is?"—Christin Gorman

Maintainable JavaScript

Perkins, a former chief economist at a Boston strategic-consulting firm, confesses he was an "economic hit man" for 10 years, helping U.S.

intelligence agencies and multinationals cajole and blackmail foreign leaders into serving U.S. foreign policy and awarding lucrative contracts to American business.

Coders at Work

Learning a complex new language is no easy task especially when it s an object-oriented computer programming language like Java. You might think the problem is your brain. It seems to have a mind of its own, a mind that doesn't always want to take in the dry, technical stuff you're forced to study. The fact is your brain craves novelty. It's constantly searching, scanning, waiting for something unusual to happen. After all, that's the way it was built to help you stay alive. It takes all the routine, ordinary, dull stuff and filters it to the background so it won't interfere with your brain's real work--recording things that matter. How does your brain know what matters? It's like the creators of the Head First approach say, suppose you're out for a hike and a tiger jumps in front of you, what happens in your brain? Neurons fire. Emotions crank up. Chemicals surge. That's how your brain knows. And that's how your brain will learn Java. Head First Java combines puzzles, strong visuals, mysteries, and soul-searching interviews with famous Java objects to engage you in many different ways. It's fast, it's fun, and it's effective. And, despite its playful appearance, Head First Java is serious stuff: a complete introduction to object-oriented programming and Java. You'll learn everything from the fundamentals to advanced topics, including

threads, network sockets, and distributed programming with RMI. And the new. second edition focuses on Java 5.0, the latest version of the Java language and development platform. Because Java 5.0 is a major update to the platform, with deep, codelevel changes, even more careful study and implementation is required. So learning the Head First way is more important than ever. If you've read a Head First book, you know what to expect--a visually rich format designed for the way your brain works. If you haven't, you're in for a treat. You'll see why people say it's unlike any other Java book you've ever read. By exploiting how your brain works, Head First lava compresses the time it takes to learn and retain--complex information. Its unique approach not only shows you what you need to know about Java syntax, it teaches you to think like a Java programmer. If you want to be bored, buy some other book. But if you want to understand Java, this book's for you.

TOP 30 SQL Interview Coding Tasks

Kotlin is a new programming language targeting the Java platform. It offers on expressiveness and safety without compromising simplicity, seamless interoperability with existing Java code, and great tooling support. Because Kotlin generates regular Java bytecode and works together with existing Java libraries and frameworks, it can be used almost everywhere where Java is used today - for server-side development, Android apps, and much more. Kotlin in Action takes experienced Java developers from the

language basics all the way through building applications to run on the JVM and Android devices. Written by core developers of Kotlin, this example-rich book begins by teaching the basic syntax of the Kotlin language. Then readers learn how to use features that let them build reusable abstractions, higher-level functions, libraries, and even entire domain specific languages. Finally, the book focuses on details of applying Kotlin in real-world projects, such as build system integration, Android support and concurrent programming. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

SQL the One

The pressure is on during the interview process but with the right preparation, you can walk away with your dream job. This classic book uncovers what interviews are really like at America's top software and computer companies and provides you with the tools to succeed in any situation. The authors take you step-by-step through new problems and complex brainteasers they were asked during recent technical interviews. 50 interview scenarios are presented along with in-depth analysis of the possible solutions. The problem-solving process is clearly illustrated so you'll be able to easily apply what you've learned during crunch time. You'll also find expert tips on what questions to ask, how to approach a problem, and how to recover if you become stuck. All of this will help you ace the interview and get the job you want. What you will learn from this book Tips for effectively

completing the job application Ways to prepare for the entire programming interview process How to find the kind of programming job that fits you best Strategies for choosing a solution and what your approach says about you How to improve your interviewing skills so that you can respond to any question or situation Techniques for solving knowledge-based problems, logic puzzles, and programming problems Who this book is for This book is for programmers and developers applying for jobs in the software industry or in IT departments of major corporations. Wrox Beginning guides are crafted to make learning programming languages and technologies easier than you think, providing a structured, tutorial format that will guide you through all the techniques involved.

King Leopold's Ghost

For anyone who has ever wondered how computers solve problems, an engagingly written guide for nonexperts to the basics of computer algorithms. Have you ever wondered how your GPS can find the fastest way to your destination, selecting one route from seemingly countless possibilities in mere seconds? How your credit card account number is protected when you make a purchase over the Internet? The answer is algorithms. And how do these mathematical formulations translate themselves into your GPS, your laptop, or your smart phone? This book offers an engagingly written guide to the basics of computer algorithms. In Algorithms Unlocked, Thomas Cormen—coauthor of the leading college

textbook on the subject—provides a general explanation, with limited mathematics, of how algorithms enable computers to solve problems. Readers will learn what computer algorithms are, how to describe them, and how to evaluate them. They will discover simple ways to search for information in a computer; methods for rearranging information in a computer into a prescribed order ("sorting"); how to solve basic problems that can be modeled in a computer with a mathematical structure called a "graph" (useful for modeling road networks, dependencies among tasks, and financial relationships); how to solve problems that ask questions about strings of characters such as DNA structures; the basic principles behind cryptography; fundamentals of data compression; and even that there are some problems that no one has figured out how to solve on a computer in a reasonable amount of time.

97 Things Every Java Programmer Should Know

Learning JavaScript Data Structures and Algorithms

An extensively revised edition of a mathematically rigorous yet accessible introduction to algorithms.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION