Java Interview Notes: 700 Java Interview Questions Answered

Synopsis

Java Interview Notes incorporate most critical topics discussed during Java technical interview round, along with the interview questions for each concept. This book also contains lots of code snippets and figures to explain matters.Concepts in the book are organized in very precise and concise manner, in small chapters and are to the point. CONTENT:Java Fundamentals:Java Program AnatomyJava Program and JVMData TypesNaming ConventionObject classAccess Modifiersstaticfinalstatic initialization blockfinally()finalize()Widening vs Narrowing Conversiongetters and settersvarargs vs object arraydefault interface methodstatic interface methodAnnotationsPreferencesPass by value or reference Object Oriented Programming:Polymorphism Parametric Polymorphism Subtype PolymorphismOverriding @OverrideOverloadingAbstractionInheritanceCompositionFundamental Design Concepts :DI vs IoCService LocatorDiamond ProblemProgramming to InterfaceAbstract class vs InterfaceInternationalization and LocalizationImmutable ObjectsCloningData Types :NaNEnumSetComparing Data Types Float comparison String comparison Enum comparisonenum vs public static int fieldWrapper ClassesAuto boxing and Auto unboxingBigInteger and BigDecimal Strings :String ImmutabilityString Literal vs ObjectString InterningString Pool Memory ManagementImmutability - Security issueCircumvent String immutabilityStringBuffer vs StringBuilderUnicodeInner Classes:Inner ClassesStatic Member Nested ClassLocal Inner ClassNon-Static Nested ClassAnonymous Inner ClassFunctional Programming:Lambda ExpressionFunctional InterfacePure FunctionsFluent InterfaceGenerics :GenericsGenerics-Type WildcardsGenerics - MethodJava Generics vs Java ArrayGenerics - Type ErasureCo-varianceContra-varianceCo-variance vs Contra-varianceCollections :Collection design aspectsCollection FundamentalsCollection InterfacesCollection Types Set List Queue MapAlgorithmsComparable vs ComparatorhashCode() and equals()HashTable vs HashMapSynchronized vs Concurrent CollectionsIterating over collectionsfail-fast vs fail-safeError and Exception:ExceptionChecked vs Unchecked vs ErrorException Handling Best Practicestry-with-resourceThreading :Threading TermsThread LifecycleThread TerminationRunnable vs Thread Runnable vs CallableDaemon ThreadRace Condition and Immutable objectThread PoolSynchronization :Concurrent vs Parallel vs AsynchronousThread SynchronizationSynchronized method vs Synchronized blockConditional SynchronizationVolatilestatic vs volatile vs synchronizedThreadLocal Storagewait() vs sleep()Joining ThreadAtomic ClassesLockReadWriteLockSynchronizers Barrier Semaphore Phaser Exchanger LatchExecutor Framework Executor ServiceFork-Join FrameworkReflection :Purpose of

reflection Drawbacks of Reflection Data Interchange:JSON Memory Management:Stack vs Heap Heap fragmentation Object Serialization Garbage Collection Memory ManagementWeak vs Soft vs Phantom ReferenceUnit Testing:Why unit testing?Unit vs Integration vs Regression vs ValidationTesting private membersMocking and Mock ObjectsJava Tools:GitMavenAntJenkins

Book Information

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Customer Reviews

This is a very well written book that not only addresses topics that are covered during a Java technical interview but it also has a range of interview questions for each topic.It captures concepts on a wide range of topics: covering fundamentals, OOPs, generics, collections, threading, memory management, various design and Java language concepts, in a very precise manner. Each chapter contains a series of questions for your practice. This book is really very comprehensive. It also contains lots of code snippets and figures to explain the concept. Overall a great book to prepare you for technical interviews. Happy to make this investment.

Wow, is this guide book ever comprehensive about Java as it relates to the technical interview round! Honestly, if you want to make sure that you are mentally prepared to answer any and all questions in a thoughtful, intelligent manner that is sure to impress, then you need to peruse this

book. You might not need all the information presented, as it is pretty darned extensive. However, if you go over the sections you are not sure about, you can go into your technical interview feeling confident. Actually, this is also a good refresher on Java if you only need that as well.

This book is very useful!!!! Thank you so much!!!!

Java Interview Notes: 700 Java Interview Questions Answered Interview: How To Best Prepare For An Interview And Land Your Dream Job In 2016! (Interview, Interviewing, Successful Interview, Interview Tips, Job Interview, ... Job Offer, Interview Questions, Dream Job) Interview: The Art of the Interview: The Perfect Answers to Every Interview Question (Interview Questions and Answers, Interviewing, Resume, Interview Tips, Motivational Interviewing, Job Interview) Interview: Job Interview: HOW TO PREPARE FOR A JOB INTERVIEW AND MAKE SURE YOU GET THE JOB YOU DESIRE!: (+2nd FREE BOOK) 50+ Most Essential Questions (Interview,Search,Hunting,Job Interview) INTERVIEW: 12 Steps To Successful Job Interviews To End Your Job Search, Get Hired (Finding A Job, Google Interview, Interview Skills, Interview Questions, Career Change, Job Interview, Negotiation) Interviewing: Interview Questions - Job Interview ! Learn How to Job Interview and Master the Key Interview Skills! BONUS INCLUDED! 37 Ways to Have Unstoppable ... Interview! GET THE JOB YOU DESERVE! Book 1) Breast Cancer Clear & Simple, Second edition: All Your Questions Answered (Clear & Simple: All Your Questions Answered series) Java: The Ultimate Guide to Learn Java and Python Programming (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, ... Developers, Coding, CSS, PHP) (Volume 3) JAVA: JAVA in 8 Hours, For Beginners, Learn Java Fast! A Smart Way to Learn Java, Plain & Simple, Learn JAVA Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! Conducting the UNIX Job Interview: IT Manager Guide with UNIX Interview Questions (IT Job Interview series) Interview & Get Any Job You Want: Employment Techniques & How to Answer Toughest Interview Questions *FREE BONUS 'Mindfulness for Beginners' included (Job ... Success, Interview Preparation, Make Money) Coding Interview Ninja: 50 coding questions with Java solutions to practice for your coding interview. UNIX Shell Programming Interview Questions You'll Most Likely Be Asked (Job Interview Questions) How to Answer Interview Questions: 101 Tough Interview Questions A collection of Advanced Data Science and Machine Learning Interview Questions Solved in Python and Spark (II): Hands-on Big Data and Machine ... Programming Interview Questions) (Volume 7) Java: The Simple Guide to Learn Java Programming In No Time (Programming,Database, Java for dummies, coding books, java programming)

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