

Diploma 4th Sem Java Exam Papers

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Text Book of Microbiology 2010

Preface INTRODUCTION HISTORY OF MICROBIOLOGY EVOLUTION OF MICROORGANISM CLASSIFICATION OF MICROORGANISM NOMENCLATURE AND BERGEY'S MANUAL BACTERIA VIRUSES BACTERIAL VIRUSES PLANT VIRUSES THE ANIMAL VIRUSES ARCHAEA MYCOPLASMA PHYTOPLASMA GENERAL ACCOUNT OF CYANOBACTERIA GRAM -ve BACTERIA GRAM +ve BACTERIA EUKARYOTA APPENDIX-1 Prokaryotes Notable for their Environmental Significance APPENDIX-2 Medically Important Chemoorganotrophs APPENDIX-3 Terms Used to Describe Microorganisms According to Their Metabolic Capabilities QUESTIONS Short & Essay Type Questions; Multiple Choice Questions INDEX.

Applications of Object-oriented Programming - Lewis J. Pinson 1990
Case studies implemented in several object-oriented programming languages including C++, Smalltalk, Objective-C, Actor and Object pascal.

Who's Who in America 1996 - Marquis Who's Who, Inc 1995-09
Compilation of brief profiles of American men and women who have achieved prominence in various fields of endeavor

Who's who in America - 1899

Embryology of Angiosperms B. M. Johri 2012-12-06

Thirty-four years have elapsed since the publication of the late Professor P. Maheshwari's text, An Introduction to the Embryology of Angiosperms, a work which for many years served as an invaluable guide for students and a rich source book for research workers. Various texts dealing with sections of the broad spectrum of topics encompassed by Maheshwari in his book have appeared in the interim, but a compendious modern work dealing with the whole field has been lacking. This present volume splendidly meets the need, and it is altogether fitting that Professor B. M. Johri, long an associate and close colleague of Professor Maheshwari and himself a prolific contributor to the subject, should have undertaken the task of editing it. When Maheshwari wrote, it was still feasible for one author to handle the subject, but today even someone with his fine breadth of vision and depth of understanding could not, alone, do it justice. So the effort has to be a collaborative one; and Professor Johri's achievement has been to bring together a team of authoritative collaborators, assign them their responsibilities, and put them to work to produce a text as integrated in its treatment as the diversity of the subject would allow. The product vividly illustrates the advances that have been made in the study of angiosperm reproductive systems in the last 30 years, and the book is surely destined to become the new standard for student and researcher alike.

Who's Who in the World, 1982-1983 - Marquis Who's Who, LLC 1982-11

Learning Java - Patrick Niemeyer 2002

A tutorial introducing Java basics covers programming principles, integrating applets with Web applications, and using threads, arrays, and sockets.

Object Oriented Programming Through Java P. Radha Krishna 2007-01-29

Covering both the fundamentals and applications, Object Oriented Programming through Java provides a thorough introduction to this popular programming paradigm. It includes coverage of essential topics such as classes, objects, packages, interfaces, multithreading, AWT, Applets, and Swings. The book also includes a detailed overview of various practical applications, including JDBC, Networking classes, and servlets. It contains exercises at the end of every chapter, and sample illustrative programs are used throughout the book. It is a text for courses on object oriented Java programming and a reference for professionals.

Distance Education for Teacher Training - Hilary Perraton 2002-03-11

First published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

An Introduction to Object-Oriented Programming with Java 1.5 Update with OLC Bi-Card - C. Thomas Wu 2004

An Introduction to Object-Oriented Programming with Java provides an accessible and thorough introduction to the basics of programming in java. This much-anticipated revision continues its emphasis on object-oriented programming. Objects are used early so students begin thinking in an object-oriented way, then later Wu teaches students to define their own classes. In the third edition, the author has eliminated the author-written classes, so students get accustomed to using the standard java libraries. In the new update, the author has included the Scanner Class for input, a new feature of Java 1.5. Also new is the use of smaller complete code examples to enhance student learning. The larger sample development programs are continued in this edition, giving students an opportunity to walk incrementally through program design, learning the fundamentals of software engineering. The number and variety of examples makes this a student-friendly text that teaches by showing. Object diagrams continue to be an important element of Wu's approach. The consistent, visual approach assists students in understanding concepts.

Programming with JAVA - A Primer - E. Balaguruswamy 2014-06-04

Programming with JAVA, 3e, incorporates all the updates and enhancements added to JAVA 2 and J2SE 5.0 releases. The book presents the language concepts in extremely simple and easy-to-understand style with illustrations and examples wherever necessary. Salient Features Fully explains the entire Java language. Discusses Java's unique features such as packages and interfaces. Shows how to create and implement applets. Illustrates the use of advanced concepts like multithread and graphics. Covers exception handling in depth. Debugging exercises and two full-fledged projects. Includes model questions from the Sun Certified JAVA Programmer Exam.

Advances in Business, Management and Entrepreneurship - Ratih Hurriyati 2020-12-07

The GCBME Book Series aims to promote the quality and methodical reach of the Global Conference on Business Management & Entrepreneurship, which is intended as a high-quality scientific contribution to the science of business management and entrepreneurship. The Contributions are expected to be the main reference articles on the topic of each book and have been subject to a strict peer review process conducted by experts in the fields. The conference provided opportunities for the delegates to exchange new ideas and implementation of experiences, to establish business or research connections and to find Global Partners for future collaboration. The conference and resulting volume in the book series is expected to be held and appear annually. The year 2019 theme of book and conference is "Transforming Sustainable Business In The Era Of Society 5.0". The ultimate goal of GCBME is to provide a medium forum for educators, researchers, scholars, managers, graduate students and professional business persons from the diverse cultural backgrounds, to present and discuss their research, knowledge and innovation within the fields of business, management and entrepreneurship. The GCBME conferences cover major thematic groups, yet opens to other relevant topics: Organizational Behavior, Innovation, Marketing Management, Financial Management and Accounting, Strategic Management, Entrepreneurship and Green Business.

Head First Java - Kathy Sierra 2005-02-09

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, code-level 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 Java 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.

Advanced Java Programming - Uttam Kumar Roy 2015-07-09

Advanced Java Programming is a textbook specially designed for undergraduate and postgraduate students of Computer Science, Information Technology, and Computer Applications (BE/BTech/BCA/ME/M.Tech/MCA). Divided into three parts, the book provides an exhaustive coverage of topics taught in advanced Java and other related subjects.

Discrete Mathematics for Computer Science - Gary Haggard 2005

Master the fundamentals of discrete mathematics with DISCRETE MATHEMATICS FOR COMPUTER SCIENCE with Student Solutions Manual CD-ROM! An increasing number of computer scientists from diverse areas are using discrete mathematical structures to explain concepts and problems and this mathematics text shows you how to express precise ideas in clear mathematical language. Through a wealth of exercises and examples, you will learn how mastering discrete mathematics will help you develop important reasoning skills that will continue to be useful throughout your career.

Python for Everybody Charles R. Severance 2016-04-09

Python for Everybody is designed to introduce students to programming and software development through the lens of exploring data. You can think of the Python programming language as your tool to solve data problems that are beyond the capability of a spreadsheet. Python is an easy to use and easy to learn programming language that is freely available on Macintosh, Windows, or Linux computers. So once you learn Python you can use it for the rest of your career without needing to purchase any software. This book uses the Python 3 language. The earlier Python 2 version of this book is titled "Python for Informatics: Exploring Information". There are free downloadable electronic copies of this book in various formats and supporting materials for the book at www.pythonlearn.com. The course materials are available to you under a Creative Commons License so you can adapt them to teach your own Python course.

WHO'S WHO IN AMERICA - THE A.N. MARQUIS COMPANY 1952

Swing: A Beginner's Guide - Herbert Schildt 2006-09-29

From the world's bestselling programming author Using the practical pedagogy that has made his other Beginner's Guides so successful, Herb Schildt provides new Swing programmers with a completely integrated learning package. Perfect for the classroom or self-study, Swing: A Beginner's Guide delivers the appropriate mix of theory and practical coding. You will be programming as early as Chapter 1.

Who's who in the World - Marquis 1990

Genetics and Biotechnology - Ulrich Kück 2013-03-09

Mycology, the study of fungi, originated as a subdiscipline of botany and was a descriptive discipline, largely neglected as an experimental science until the early years of this century. A seminal paper by Blakeslee in 1904 provided evidence for self incompatibility, termed "heterothallism", and stimulated interest in studies related to the control

of sexual reproduction in fungi by mating-type specificities. Soon to follow was the demonstration that sexually reproducing fungi exhibit Mendelian inheritance and that it was possible to conduct formal genetic analysis with fungi. The names Burgeff, Kniep and Lindegren are all associated with this early period of fungal genetics research. These studies and the discovery of penicillin by Fleming, who shared a Nobel Prize in 1945, provided further impetus for experimental research with fungi. Thus began a period of interest in mutation induction and analysis of mutants for bio chemical traits. Such fundamental research, conducted largely with *Neurospora crassa*, led to the one gene: one enzyme hypothesis and to a second Nobel Prize for fungal research awarded to Beadle and Tatum in 1958. Fundamental research in biochemical genetics was extended to other fungi, especially to *Saccharomyces cerevisiae*, and by the mid-1960s fungal systems were much favored for studies in eukaryotic molecular biology and were soon able to compete with bacterial systems in the molecular arena.

Introduction to Programming in Java: An Interdisciplinary Approach - Robert Sedgewick 2013-07-31

By emphasizing the application of computer programming not only in success stories in the software industry but also in familiar scenarios in physical and biological science, engineering, and applied mathematics, Introduction to Programming in Java takes an interdisciplinary approach to teaching programming with the Java(TM) programming language. Interesting applications in these fields foster a foundation of computer science concepts and programming skills that students can use in later courses while demonstrating that computation is an integral part of the modern world. Ten years in development, this book thoroughly covers the field and is ideal for traditional introductory programming courses. It can also be used as a supplement or a main text for courses that integrate programming with mathematics, science, or engineering.

APPLIED MATHEMATICS - II - Dr. Sanjay Kumar Tyagi 2009-01-01

This is the first book of its kind, which contains the complete syllabus of second semester prescribed by Amity University, Noida (UP). The principal goal of this book is to provide the reader with a thorough knowledge of fundamental concepts and methods of Applied Mathematics used in different engineering disciplines. This book containing a large number of solved exercise from question papers of examinations held by various universities have been attached and solved in this book. Contents: Linear Algebra and Matrices; Complex Analysis; Vector Calculus; Probability and Statistics; Tables; etc.

Programming with Java - Mahesh P. Bhave 2008-09

Programming with Java is designed to help the reader understand the concepts of Java programming language. It includes an exhaustive coverage of additional appendices on keywords, operators and supplementary programs; additional chapters on Collect.

Introduction to Programming Using Java David M. Arnow 1998

Java's support for GUI and network programming makes a great setting for diverse programming examples: a calculator, a strategy game, reading the Dow Jones from Yahoo, a Web surveyor application, scheduling songs for a rock-and-roll radio station, as well as traditional payroll and student GPA computations. Working with these and other examples, students learn to think like a programmer, analyze problems, devise solutions, design classes, and write code. Features *Uses the necessary features of Java 1.1 while teaching CS1 concepts. *Uses object-oriented concepts from the very beginning--classes, objects, and messages are all introduced in Chapter 1--and develops them throughout. *Applies a consistent class design procedure, usable by beginners. *Contains graphic user interface (GUI) supplements in each chapter. *Provides an early introduction to testing, covering test drivers, debugging, and test case selection. *Includes a chapter with three robust applications--a LOGO turtle, a Web surveyor, and Mancala (a strategy game)--which use the text's class design procedure and allow the students to tie the material together.

Computer Organization - V. Carl Hamacher 1990

OCA Java SE 8 Programmer I Certification Guide - Mala Gupta 2016-09-09

Summary OCA Java SE 8 Programmer I Certification Guide prepares you for the 1Z0-808 with complete coverage of the exam. You'll explore important Java topics as you systematically learn what's required to successfully pass the test. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book To earn the OCA Java SE 8 Programmer I Certification, you have to know your Java inside and out, and to pass the exam you need to understand the test itself. This book cracks open the questions,

exercises, and expectations you'll face on the OCA exam so you'll be ready and confident on test day. OCA Java SE 8 Programmer I Certification Guide prepares Java developers for the 1Z0-808 with thorough coverage of Java topics typically found on the exam. Each chapter starts with a list of exam objectives mapped to section numbers, followed by sample questions and exercises that reinforce key concepts. You'll learn techniques and concepts in multiple ways, including memorable analogies, diagrams, flowcharts, and lots of well-commented code. You'll also get the scoop on common exam mistakes and ways to avoid traps and pitfalls. What's Inside Covers all exam topics Hands-on coding exercises Flowcharts, UML diagrams, and other visual aids How to avoid built-in traps and pitfalls Complete coverage of the OCA Java SE 8 Programmer I exam (1Z0-808) About the Reader Written for developers with a working knowledge of Java who want to earn the OCA Java SE 8 Programmer I Certification. About the Author Mala Gupta is a Java coach and trainer who holds multiple Java certifications. Since 2006 she has been actively supporting Java certification as a path to career advancement. Table of Contents Introduction Java basics Working with Java data types Methods and encapsulation Selected classes from the Java API and arrays Flow control Working with inheritance Exception handling Full mock exam

AN INTRODUCTION TO OPERATING SYSTEMS : CONCEPTS AND PRACTICE (GNU/LINUX AND WINDOWS), FIFTH EDITION -

BHATT, PRAMOD CHANDRA P. 2019-07-01

The book, now in its Fifth Edition, aims to provide a practical view of GNU/Linux and Windows 7, 8 and 10, covering different design considerations and patterns of use. The section on concepts covers fundamental principles, such as file systems, process management, memory management, input-output, resource sharing, inter-process communication (IPC), distributed computing, OS security, real-time and microkernel design. This thoroughly revised edition comes with a description of an instructional OS to support teaching of OS and also covers Android, currently the most popular OS for handheld systems. Basically, this text enables students to learn by practicing with the examples and doing exercises. NEW TO THE FIFTH EDITION • Includes the details on Windows 7, 8 and 10 • Describes an Instructional Operating System (PintOS), FEDORA and Android • The following additional material related to the book is available at www.phindia.com/bhatt. o Source Code Control System in UNIX o X-Windows in UNIX o System Administration in UNIX o VxWorks Operating System (full chapter) o OS for handheld systems, excluding Android o The student projects o Questions for practice for selected chapters TARGET AUDIENCE • BE/B.Tech (Computer Science and Engineering and Information Technology) • M.Sc. (Computer Science) BCA/MCA *Programming in Java* S S Khandare 2010

Introduction | Object Oriented Programming | Programming Methods | Control Statement | Looping Statements | Scanning Methods | Program Method | Arrays | String Operation | Object Based Programming | Object Oriented Programming | Exception Handling | Threading | File Operation | Simple Gui | Event Handling Methods | Advanced Gui | Java Graphics | Two Dimensional Drawing & Transformations | Three Dimensional Viewing & Transformations | Computer Aided Design | Animation | Javadb Connectivity | Networking | E-Commerce | Advanced Software Technology | Projects In Java | Subjective Questions | Bibliography | Index

Java Projects - Bpb 2004-11-01

The java projects book enables you to develop java applications using an easy and simple approach. The book is designed for the readers, who are familiar with java programming. The book provides numerous listings and figures for an affective understanding of java concepts. The book consists of a CD that includes source code for all the java applications. Table of contents: Chapter 1 Creating a calculator applications Chapter 2 Creating analog clock applications Chapter 3 Creating a 9-box puzzle game Chapter 4 Student information management system Chapter 5 Creating a text editor applications Chapter 6 Creating an online test applications Chapter 7 Creating a shopping cart applications Chapter 8 Share trading application Chapter 9 Online banking applications

Data Structures and Algorithms in Java - Michael T. Goodrich 2014-01-28

The design and analysis of efficient data structures has long been recognized as a key component of the Computer Science curriculum. Goodrich, Tomassia and Goldwasser's approach to this classic topic is based on the object-oriented paradigm as the framework of choice for the design of data structures. For each ADT presented in the text, the authors provide an associated Java interface. Concrete data structures realizing the ADTs are provided as Java classes implementing the

interfaces. The Java code implementing fundamental data structures in this book is organized in a single Java package, `net.datastructures`. This package forms a coherent library of data structures and algorithms in Java specifically designed for educational purposes in a way that is complimentary with the Java Collections Framework.

ICE-BEES 2021 - Kemal Budi Mulyono 2022-03-17

We proudly present the proceedings of 4th International Conference on Economics, Business and Economic Education Science 2021 (ICE-BEES 2021). It has focus on the innovations in economics, business, education, environment, and sustainable development. The issue of economics and sustainable development is important today. Especially in the time of Covid-19. Not only globally, but also Indonesia nationally to the local level. There are several important issues relating to this, both institutionally and the relationships between individuals and groups in supporting the agenda of sustainable development. More than 200 manuscripts were presented at this conference with 101 of them selected to be published in proceedings. We hope by this conference, discussions on the importance of sustainable development will increasingly become an important concern together. Brings better response from the government and social relations for development.

Java 2: The Complete Reference, Fifth Edition - Herbert Schildt 2002-09-03

This book is the most complete and up-to-date resource on Java from programming guru, Herb Schildt -- a must-have desk reference for every Java programmer.

University Research for Innovation - Luc Weber 2010

Drawn from the 7th Glion Colloquium held in 2009, this volume considers the role of research universities in an innovation-driven global society. Whether in the "old world" of Europe and North America or in rapidly developing nations, the message is clear: innovation has become the key to prosperity and social well-being in a hypercompetitive global economy. Part I introduces several forms of economic, technological, and social innovation. Part II discusses agents of innovation from the points of view of a research university, industry, and national innovation policies. Part III presents university leaders from long-established and emerging institutions to compare how regional and institutional characteristics shape innovation strategies. Part IV focuses on approaches to innovation at national and institutional levels, including a U.S. approach to energy challenges, the shift of high-tech industry toward open innovation, and the challenges of creating world-class universities. Part V addresses the intellectual character of innovation and its relationship to the university's mission. Today's economy requires not only leadership in innovation but also educated citizens capable of applying technology, talent, and capital in new ways. Institutions of higher learning must collaborate with industry and government to create a climate and culture that enable innovation to thrive.

Advance Java Programming - Harry Hariom Choudhary 2013-07-28

Fully updated to reflect Java SE 7 language changes, *Advance Java®*, Volume II—Advanced Features, Fifteenth Best Selling Edition, is the definitive guide to Java's most powerful features for enterprise and desktop application development. "I was fortunate indeed to have worked with a fantastic team on the design and implementation of the concurrency features added to the Java platform in Java 5.0 and Java 6. Now this same team provides the best explanation yet of these new features, and of concurrency in general. Concurrency is no longer a subject for advanced users only. Every Java developer should read this book."--Martin Buchholz, JDK Concurrency Czar, Sun Microsystems "For the past 30 years, computer performance has been driven by Moore's Law; from now on, it will be driven by Amdahl's Law. Writing code that effectively exploits multiple processors can be very challenging. *Java Concurrency in Practice* provides you with the concepts and techniques needed to write safe and scalable Java programs for today's--and tomorrow's--systems."--Doron Rajwan, Research Scientist, Intel Corp "This is the book you need if you're writing--or designing, or debugging, or maintaining, or contemplating--multithreaded Java programs. If you've ever had to synchronize a method and you weren't sure why, you owe it to yourself and your users to read this book, cover to cover."--Ted Neward, Author of *Effective Enterprise Java* "Brian addresses the fundamental issues and complexities of concurrency with uncommon clarity. This book is a must-read for anyone who uses threads and cares about performance."--Kirk Pepperdine, CTO, JavaPerformanceTuning.com "This book covers a very deep and subtle topic in a very clear and concise way, making it the perfect Java Concurrency reference manual. Each page is filled with the problems (and solutions!) that programmers struggle with every day. Effectively

exploiting concurrency is becoming more and more important now that Moore's Law is delivering more cores but not faster cores, and this book will show you how to do it."--Dr. Cliff ClickSenior Software Engineer, Azul Systems"I have a strong interest in concurrency, and have probably written more thread deadlocks and made more synchronization mistakes than most programmers. Brian's book is the most readable on the topic of threading and concurrency in Java, and deals with this difficult subject with a wonderful hands-on approach. This is a book I am recommending to all my readers of The Java Specialists' Newsletter, because it is interesting, useful, and relevant to the problems facing Java developers today."--Dr. Heinz KabutzThe Java Specialists' 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 expressionsXMLNetworkingDatabase programming facilitiesJNDI/LDAP directory integrationInternationalizationAdvanced Swing techniquesJavaBeans componentsWeb servicesAdvanced platform security featuresAnnotationsDistributed objectsNative 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, [Programming in Java](#) - Sachin Malhotra 2013-12-28

The second edition of *Programming in Java* confirms to Java Standard Edition 7, the latest release since Oracle took over Sun Microsystems. It is significant in the sense that the last update was six years back and this major release comes bundled with plenty of enhancements which were overdue. To list a few noticeable enhancements, Java 7 includes support for strings in switch statements, try-with-resources statement, improved multi-catch, binary numeric literals, numeric literals with underscores, new APIs in NIO like Path and Files, automatic resource management, and much more. The second edition presents all these new topics with suitable examples. This second edition is not just about the enhancements introduced in Java 7; practically every chapter has been revisited to refine the text as much as possible with new example codes

and greater topical coverage.

Information Storage and Management - EMC Education Services 2012-04-30

The new edition of a bestseller, now revised and update throughout! This new edition of the unparalleled bestseller serves as a full training course all in one and as the world's largest data storage company, EMC is the ideal author for such a critical resource. They cover the components of a storage system and the different storage system models while also offering essential new material that explores the advances in existing technologies and the emergence of the "Cloud" as well as updates and vital information on new technologies. Features a separate section on emerging area of cloud computing Covers new technologies such as: data de-duplication, unified storage, continuous data protection technology, virtual provisioning, FCoE, flash drives, storage tiering, big data, and more Details storage models such as Network Attached Storage (NAS), Storage Area Network (SAN), Object Based Storage along with virtualization at various infrastructure components Explores Business Continuity and Security in physical and virtualized environment Includes an enhanced Appendix for additional information This authoritative guide is essential for getting up to speed on the newest advances in information storage and management.

Object Oriented Programming using Java Simon Kendal 2009

[Java 2](#) - Herbert Schildt 2000

A quick-reference handbook for Java 2 programmers features detailed descriptions of the most commonly used features of Java 2, with an A-to-Z format that includes entries on the classes and methods that programmers will need on a day-to-day basis, along with information on programming syntax, keywords, functions, commands, and class libraries. Original. (Intermediate)

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[Mathematics for Computer Science](#) - Eric Lehman 2017-03-08

This book covers elementary discrete mathematics for computer science and engineering. It emphasizes mathematical definitions and proofs as well as applicable methods. Topics include formal logic notation, proof methods; induction, well-ordering; sets, relations; elementary graph theory; integer congruences; asymptotic notation and growth of functions; permutations and combinations, counting principles; discrete probability. Further selected topics may also be covered, such as recursive definition and structural induction; state machines and invariants; recurrences; generating functions.