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Murach's Java Servlets and JSP Joel Murach 2008 Provides information on using servlets and JavaServer Pages to create Web applications that use the MVC pattern.

Murach's JavaScript Mary Delamater 2015-10-01 Today, JavaScript is used in 89.9% of all websites, including the most heavily-trafficked sites like Google, Facebook, YouTube, and Amazon. That is why every web developer should know how to use JavaScript. The problem is that JavaScript is surprisingly difficult to learn, not only for programming novices but also for experienced programmers. But now, Murachs JavaScript makes it easier than ever to become an accomplished JavaScript programmer. To make that possible, section 1 of this book presents a six-chapter course in JavaScript that gets you off to a great start. This section works for programming novices as well as experienced programmers because it lets you set your own pace. When you finish this section, you will be able to write, test and debug JavaScript applications of your own. Then, section 2 builds on that base by presenting the additional skills that every JavaScript programmer must have. That includes working with arrays and web storage, creating and using your own object types in object-oriented applications, using regular expressions for data validation, and much more. For many developers, sections 1 and 2 will be all that they need to know. But for those who want to move on to the expert level, section 3 presents the skills that will get you there. That includes skills like how to bulletproof your applications by using closures, namespaces, and modules; how to make your functions more useful by using callbacks; and how to use JSON to transmit and store data. Then, the last chapter in this section introduces you to jQuery and shows you how it can make your JavaScript code even better.

Murach's PHP and MySQL Joel Murach 2014-12-01 PHP and MySQL are two of today's most popular, open-source tools for server-side programming. That means there's a continuing demand for web developers who know how to use PHP and MySQL at the professional level. And with this book, you can become one of them! In fact, in just the
first 6 chapters, you will create a database-driven website that implements the MVC pattern, the way the best professionals do. Then, the rest of the book lets you build on that base to develop a full set of professional skills.

**Murach's Mainframe COBOL** Mike Murach 2004 The #1 choice of professional COBOL programmers because it shows how to design, code, test, and maintain structured COBOL programs on the IBM mainframes (or enterprise systems), this book also presents the IBM products that every mainframe programmer needs to know including TSO, ISPF, OS/390 JCL, VSAM Access Method Services, CICS, and DB2.

**Murach's C# 2015** Anne Boehm 2016-02-06 This book gets you off to a fast start by showing you how to use Visual Studio 2015, C# 6.0, and the .NET 4.6 classes to develop Windows Forms applications. Next, it shows you the best techniques for developing object-oriented applications. Then, it shows you how to handle data a must in business development using data sources, ADO.NET code, and the Entity Framework for database data and LINQ for data structures like arrays and collections. Along the way, it gives you the core C# and Visual Studio skills that you need to develop any C# application whether for Windows, the web, or mobile devices. In short, No other core C# book teaches you so much, so fast, or so thoroughly.

**Murach's JavaScript and Jquery** Zak Ruvalcaba 2012-11 Provides information on creating Web applications with JavaScript and the jQuery library of code.

**On Java 8** Bruce Eckel 2017-06-16

**Murach's C++ Programming** Joel Murach 2018-09-21 C++ was first released in 1985, and it was a hard language to learn. That's because it required programmers to master low-level techniques to work with memory. Over the years, C++ has evolved to provide many higher-level techniques that make it much easier to write effective C++ code. But most C++ books haven't evolved with the language. Now, Murach's top authors have tackled the subject, rethinking the whole approach. So this book takes advantage of the modern techniques to make it easier to learn C++ than ever before. It's organized in a logical way that gets you off to a fast start with a practical subset of today's C++, and then builds out your coding and OOP skills to the professional level. With that foundation in place, it also covers older techniques so you'll be able to maintain the vast amount of legacy code that's out there, as well as work with embedded systems that don't support the newer techniques. To make all that manageable, this book uses Murach's distinctive "paired-pages" format that programmers find so helpful for both training and reference: Each topic is presented in a 2-page spread, with syntax, coding examples, and bulleted guidelines on the righthand page and extra explanation and perspective on the left. What's more, this book gives you 50+ realistic program examples to study, as well as practice exercises for hands-on experience. Examples and exercises like these are the key to learning any programming language. But you'll have a hard time finding such effective ones in other books and courses, that deliver the skills ours do.

**Murach's Html5 and Css3, 4th Edition** Anne Boehm 2018-03-02 "Until now, my websites looked great but have been coded with what seems like 'duct-tape and bubble-gum' methods, just for appearances and not for professionalism or compliance. This book taught me all that is possible with HTML and CSS coding[]. What a game changer!" That's what one web designer posted about a
previous edition of Murach's HTML5 and CSS3. Now, this 4th Edition updates and improves all the HTML and CSS content in the book...and it adds coverage of Flexible Box and Grid Layout, two new CSS3 ways to implement page layouts. So whether you're a web designer, a JavaScript programmer, a server-side programmer, or a rookie, this book delivers all the HTML and CSS skills that you need on the job. This book begins with an 8-chapter hands-on course that teaches you HTML and CSS from scratch, including the latest HTML5 and CSS3 features. This short course ends with a chapter that teaches you how to use fluid design and media queries to implement Responsive Web Design so your pages will look good and work right on any screen, from phone to tablet to desktop. After that, the unique design of this book lets you go on to any other chapter to learn new skills whenever you need them. For example, chapters 9 and 10 show you how to use Flexible Box and Grid Layout. Chapter 13 shows you how to work with forms and data validation. Chapter 14 shows you how to enhance a site with video clips. Chapter 16 shows you how to use CSS3 transitions, transforms, and animations. Chapters 17 and 18 show you how to design and deploy a website. Chapters 19 and 20 introduce other professional skills like how to use JavaScript and jQuery and how to use development tools like Bootstrap, SASS, and Emmet. And after you've learned all the skills that you need, this book becomes the best on-the-job reference you've ever used.

Microsoft .NET - Architecting Applications for the Enterprise Dino Esposito 2014-08-28 A software architect’s digest of core practices, pragmatically applied Designing effective architecture is your best strategy for managing project complexity—and improving your results. But the principles and practices of software architecting—what the authors call the “science of hard decisions”—have been evolving for cloud, mobile, and other shifts. Now fully revised and updated, this book shares the knowledge and real-world perspectives that enable you to design for success—and deliver more successful solutions. In this fully updated Second Edition, you will: Learn how only a deep understanding of domain can lead to appropriate architecture Examine domain-driven design in both theory and implementation Shift your approach to code first, model later—including multilayer architecture Capture the benefits of prioritizing software maintainability See how readability, testability, and extensibility lead to code quality Take a user experience (UX) first approach, rather than designing for data Review patterns for organizing business logic Use event sourcing and CQRS together to model complex business domains more effectively Delve inside the persistence layer, including patterns and implementation.

Python Crash Course, 2nd Edition Eric Matthes 2019-05-21 The second edition of the best-selling Python book in the world (over 1 million copies sold!). A fast-paced, no-nonsense guide to programming in Python. Updated and thoroughly revised to reflect the latest in Python code and practices. Python Crash Course is the world's best-selling guide to the Python programming language. This fast-paced, thorough introduction to programming with Python will have you writing programs, solving problems, and making things that work in no time. In the first half of the book, you'll learn basic programming concepts, such as variables, lists, classes, and loops, and practice writing clean code with exercises for each topic. You'll also learn how to make your programs interactive and test your code safely before adding it...
to a project. In the second half, you'll put your new knowledge into practice with three substantial projects: a Space Invaders-inspired arcade game, a set of data visualizations with Python's handy libraries, and a simple web app you can deploy online. As you work through the book, you'll learn how to: • Use powerful Python libraries and tools, including Pygame, Matplotlib, Plotly, and Django • Make 2D games that respond to keypresses and mouse clicks, and that increase in difficulty • Use data to generate interactive visualizations • Create and customize web apps and deploy them safely online • Deal with mistakes and errors so you can solve your own programming problems If you've been thinking about digging into programming, Python Crash Course will get you writing real programs fast. Why wait any longer? Start your engines and code!

**Murach's JQuery** Zak Ruvalcaba 2015-09-01 Today, jQuery is used in over 60% of the million most-visited websites, and that makes it one of the technologies that every web developer should master. The problem is that jQuery is difficult to learn, especially for those with limited programming experience. But now, this new edition of our jQuery book makes it easier than ever to learn how to use jQuery to create the dynamic user interfaces, fast response times, and special effects that today's users expect. In brief, sections 2 and 3 of this book present the essential jQuery and jQuery UI (User Interface) skills for developing professional jQuery applications. With those skills, you will be able to add all of the popular jQuery features to your web pages: image swaps, image rollovers, slide shows, accordions, tabs, carousels, and much more. Then, section 4 shows you how to use Ajax and JSON to get data from a web server and add it to a web page without reloading the page. It also shows how to use Ajax and JSON with the APIs for websites like Flickr and Google Maps and with HTML5 APIs like Geolocation, Web Storage, and Web Workers. What about section 1? It provides a four-chapter crash course in the JavaScript skills that you need to use jQuery. That means you do not need to know JavaScript before you start using this book, and that makes this the right book for programmers who are not familiar with JavaScript, as well as for programming novices. This section also becomes the ideal reference for the JavaScript that's used for the jQuery applications in this book or for any jQuery application. The last section of this book shows you how to use jQuery Mobile to develop mobile websites. This requires little or no programming, and it is a great alternative when it's impractical to rebuild an established website with Responsive Web Design.

**Starting Out with Java** Tony Gaddis 2015-05-29 NOTE: You are purchasing a standalone product; MyProgrammingLab® does not come packaged with this content. If you would like to purchase both the physical text and MyProgrammingLab search for 0134059875 / 9780134059877 Starting Out with Java: From Control Structures through Objects plus MyProgrammingLab with Pearson eText -- Access Card Package, 6/e Package consists of: 0133957055 / 9780133957051 Starting Out with Java: From Control Structures through Objects, 6/e 0133885569 / 9780133885569 0133957608 / 9780133957600 MyProgrammingLab with Pearson eText -- Access Card -- for Starting Out with Java: From Control Structures through Objects, 6/e MyProgrammingLab should only be purchased when required by an instructor. For courses in computer programming in Java Starting Out with Java:
From Control Structures through Objects provides a brief yet detailed introduction to programming in the Java language. Starting out with the fundamentals of data types and other basic elements, readers quickly progress to more advanced programming topics and skills. By moving from control structures to objects, readers gain a comprehensive understanding of the Java language and its applications. As with all Gaddis texts, the Sixth Edition is clear, easy to read, and friendly in tone. The text teaches by example throughout, giving readers a chance to apply their learnings by beginning to code with Java. Also available with MyProgrammingLab MyProgrammingLab is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts. MyProgrammingLab allows you to engage your students in the course material before, during, and after class with a variety of activities and assessments.

Starting Out with Java: Early Objects PDF eBook, Global Edition Tony Gaddis 2015-04-17 This text is intended for use in the Java programming course. Tony Gaddis’s accessible, step-by-step presentation helps beginning students understand the important details necessary to become skilled programmers at an introductory level. Gaddis motivates the study of both programming skills and the Java programming language by presenting all the details needed to understand the “how” and the “why”—but never losing sight of the fact that most beginners struggle with this material. His approach is both gradual and highly accessible, ensuring that students understand the logic behind developing high-quality programs. In Starting Out with Java: Early Objects, Gaddis looks at objects—the fundamentals of classes and methods—before covering procedural programming. As with all Gaddis texts, clear and easy-to-read code listings, concise and practical real-world examples, and an abundance of exercises appear in every chapter. Teaching and Learning Experience This program presents a better teaching and learning experience—for you and your students. Enhance Learning with the Gaddis Approach: Gaddis’s accessible approach features clear and easy-to-read code listings, concise real-world examples, and exercises in every chapter. Keep Your Course Current: Content is refreshed to provide the most up-to-date information on new technologies for your course. Support Instructors and Students: Student and instructor resources are available to expand on the topics presented in the text.

Murach's Java Servlets and JSP Joel Murach 2014-06-01 Provides information on using servlets and JavaServer Pages to create Web applications that use the MVC pattern.

Murach's ASP.NET 4.6 Web Programming with C# 2015 Anne Boehm 2016-07 If you know the basics of C#, you’re ready to learn to develop server-side web applications with ASP.NET Web Forms—and that's where this book comes in: Section 1 is a quick-start course in creating your first ASP.NET Web Forms applications using Visual Studio, with coverage of what HTML5/CSS3 and Bootstrap are doing on the client side;a course that works both for beginners and for experienced web developers who are new to ASP.NET. Section 2 gives you the skills you need for every web application;like how to use the server controls, validate user entries, manage state, use
master pages, make ASP.NET work with Bootstrap for responsive layouts, and use friendly URLs. Section 3 presents the skills you need for developing database-driven web applications at a professional level, including how to use SQL data sources, object data sources, and model binding and the Entity Framework with ASP.NET data controls like GridView, DetailsView, FormView, and ListView. Section 4 covers skills that enhance your professionalism, like how to develop secure web pages, authenticate users with ASP.NET Identity, send email, control the use of the Back button, and deploy finished applications. Section 5 takes you to the next level by showing you how to use ASP.NET Ajax, how to develop WCF and Web API services, and how ASP.NET MVC programming differs from Web Forms programming. To make it easier for you to master ASP.NET, you get complete web applications, including the web forms, the aspx code, and the C# code, that show you how each feature works in context. (You can download these for free from the Murach website.) You get chapter exercises that let you practice your new skills. And you get Murach's distinctive "paired-pages" format that developers like because it saves both training and reference time.

Murach's Python Programming (2nd Edition) Joel Murach 2021-04 If you want to learn how to program but don't know where to start, this is the right book and the right language for you. From the first page, our self-paced approach will help you build competence and confidence in your programming skills. And Python is the best language ever for learning how to program because of its simplicity and breadth—two features that are hard to find in a single language. But this isn't just a book for beginners! Our self-paced approach also works for experienced programmers, helping you learn Python faster and better than you've ever learned a language before. By the time you're through, you will have mastered the key Python skills that are needed on the job, including those for object-oriented, database, and GUI programming. To make all of this possible, section 1 presents an 8-chapter course that will get anyone off to a great start with Python. Section 2 builds on that base by presenting the other essential skills that every Python programmer should have. Section 3 shows you how to develop object-oriented programs, a critical skillset in today's world. And section 4 shows you how to apply all of the skills that you've already learned as you build database and GUI programs for the real world.

Mastering VMware vSphere 5.5 Scott Lowe 2013-10-16 The 2013 edition of the bestselling vSphere book on the market Virtualization remains the hottest trend in the IT world, and VMware vSphere is the industry's most widely deployed virtualization solution. The demand for IT professionals skilled in virtualization and cloud-related technologies is great and expected to keep growing. This comprehensive Sybex guide covers all the features and capabilities of VMware vSphere, showing administrators step by step how to install, configure, operate, manage, and secure it. This perfect blend of hands-on instruction, conceptual explanation, and practical application is reinforced with real-world examples. Led by Scott Lowe and Nick Marshall, both VMware vExperts, the author team provides expertise that will prepare IT professionals to excel in using this virtualization technology. Virtualization is seen as a "best practice" for high availability and disaster recovery solutions, as well as for applications such as Exchange Server and SharePoint. IDC estimates that there...
are as many as 7 million jobs available worldwide in virtualization and cloud technology. Provides hands-on instruction in all the latest features and capabilities of VMware vSphere, with both conceptual explanations and practical applications. Author team is lead by Scott Lowe and Nick Marshall, well-known VMware experts and popular bloggers. Mastering VMware vSphere provides what every virtualization professional needs to know.

**Murach's MySQL** Joel Murach 2015-03 This how-to guide to MySQL is perfect for beginning programmers or experienced developers. It shows how to code all the essential SQL statements for working with a MySQL database. It shows how to design a database, including how to use MySQL Workbench to create an EER model. It shows how to take advantage of relatively new MySQL features such as foreign keys, transactions, stored procedures, stored functions, and triggers. And it presents a starting set of skills for a database administrator (DBA). A must-have for anyone who works with MySQL.

**SQL Server Integration Services Design Patterns** Tim Mitchell 2014-12-24 SQL Server Integration Services Design Patterns is newly-revised for SQL Server 2014, and is a book of recipes for SQL Server Integration Services (SSIS). Design patterns in the book help to solve common problems encountered when developing data integration solutions. The patterns and solution examples in the book increase your efficiency as an SSIS developer, because you do not have to design and code from scratch with each new problem you face. The book's team of expert authors take you through numerous design patterns that you'll soon be using every day, providing the thought process and technical details needed to support their solutions. SQL Server Integration Services Design Patterns goes beyond the surface of the immediate problems to be solved, delving into why particular problems should be solved in certain ways. You'll learn more about SSIS as a result, and you'll learn by practical example. Where appropriate, the book provides examples of alternative patterns and discusses when and where they should be used. Highlights of the book include sections on ETL Instrumentation, SSIS Frameworks, Business Intelligence Markup Language, and Dependency Services. Takes you through solutions to common data integration challenges. Provides examples involving Business Intelligence Markup Language. Teaches SSIS using practical examples.

**Todd Lammle's CCNA/CCENT IOS Commands Survival Guide** Todd Lammle 2014-02-06 Your Guide to CCENT and CCNA IOS Commands This book is an ideal supplement to Todd Lammle’s CCENT and CCNA Study Guides, and a great quick reference for any Cisco networking administrator. Covering IOS version 15, each chapter begins with a short introduction, explaining what tasks will be discussed, followed by detailed explanations of and examples of the commands. The book includes an easy-to-navigate table of commands broken into the following topic areas: Internetworking and TCP/IP, Cisco command line interface (CLI) and Security Device Manager (SDM), Router Configuration, LAN Switch Configuration, Advanced IOS, Troubleshooting, Access Lists, Network Address Translation, Wireless, Wide Area Networks, Security, IPv6. Whether you are studying for your CCENT or CCNA certification, or are a seasoned Cisco networking administrator, this IOS Commands Survival Guide is the perfect reference to help you achieve your goals.

**Groovy in Action** Cédric Champeau 2015-06-03 Summary Groovy in Action, Second Edition is a thoroughly...
revised, comprehensive guide to Groovy programming. It introduces Java developers to the dynamic features that Groovy provides, and shows how to apply Groovy to a range of tasks including building new apps, integration with existing code, and DSL development. Covers Groovy 2.4. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology In the last ten years, Groovy has become an integral part of a Java developer's toolbox. Its comfortable, common-sense design, seamless integration with Java, and rich ecosystem that includes the Grails web framework, the Gradle build system, and Spock testing platform have created a large Groovy community. About the Book Groovy in Action, Second Edition is the undisputed definitive reference on the Groovy language. Written by core members of the Groovy language team, this book presents Groovy like no other can—from the inside out. With relevant examples, careful explanations of Groovy's key concepts and features, and insightful coverage of how to use Groovy in-production tasks, including building new applications, integration with existing code, and DSL development, this is the only book you'll need. Updated for Groovy 2.4. Some experience with Java or another programming language is helpful. No Groovy experience is assumed. What's Inside Comprehensive coverage of Groovy 2.4 including language features, libraries, and AST transformations Dynamic, static, and extensible typing Concurrency: actors, data parallelism, and dataflow Applying Groovy: Java integration, XML, SQL, testing, and domain-specific language support Hundreds of reusable examples About the Authors Authors Dierk König, Paul King, Guillaume Laforge, Hamlet D'Arcy, Cédric Champeau, Erik Pragt, and Jon Skeet are intimately involved in the creation and ongoing development of the Groovy language and its ecosystem. Table of Contents PART 1 THE GROOVY LANGUAGE Your way to Groovy Overture: Groovy basics Simple Groovy datatypes Collective Groovy datatypes Working with closures Groovy control structures Object orientation, Groovy style Dynamic programming with Groovy Compile-time metaprogramming and AST transformations Groovy as a static language PART 2 AROUND THE GROOVY LIBRARY Working with the GDK Database programming with Groovy Working with XML and JSON Interacting with Web Services Integrating Groovy PART 3 APPLIED GROOVY Unit testing with Groovy Concurrent Groovy with GPars Domain-specific languages The Groovy ecosystem CCNA Routing and Switching Review Guide Todd Lammle 2013-12-18 Todd Lammle's focused, concise review guide, updated for the latest CCNA exams CCNA is one of the most sought after certifications for IT professionals. If you're preparing for the CCNA Routing and Switching certification, this Sybex review guide offers the best quick review available. Organized by exam objective, it's the perfect supplement to other learning tools, including the Sybex CCNA Routing and Switching Study Guide (ISBN: 9781118749616). All exam topics from exams 100-101, 200-101, and 200-120 are thoroughly covered, and additional study materials including bonus exams, electronic flashcards, and a searchable glossary of terms are also available. Organized by exam objectives, this Sybex review guide provides a thorough and intensive review of all topics required for the CCNA Routing and Switching certification exams. Lead author Todd Lammle is a Cisco networking authority and the bestselling author of numerous Cisco exam-prep books. Covers exams 100-101, 200-101, and 200-120, and is a perfect companion to Sybex's CCNA Routing and Switching
Study Guide Additional study materials are available, including bonus practice exams, electronic flashcard questions, and a glossary of terms in searchable PDF form. Using the CCNA Routing and Switching Review Guide will boost your confidence as you approach exams 100-101, 200-101, and 200-120. Lab Manual for Murach’s Html5 and Css3 Zak Ruvalcaba 2019-02-22 This Lab Manual contains all the review materials, practice exercises, and coding specifications you need as you learn and apply HTML and CSS. Murphy's JavaScript and Jquery (4th Edition) Mary Delamater 2020-09-04 If you're developing websites, you have to know JavaScript. There's no way around it today. And this latest edition of Murach's popular book teaches you how to code modern JavaScript that conforms to the ECMA Script standards, the way the pros do. At the same time, it teaches you how to use jQuery, the classic JavaScript library, to handle the DOM scripting that gives JavaScript so much of its power. And it works no matter whether you're a web designer who's coming from a background in HTML and CSS or a server-side programmer who's coded in languages like PHP, C#, Java, and Python. Building Java Programs Stuart Reges 2013-02-25 NOTE: Before purchasing, check with your instructor to ensure you select the correct ISBN. Several versions of Pearson’s MyLab & Mastering products exist for each title, and registrations are not transferable. To register for and use Pearson's MyLab & Mastering products, you may also need a Course ID, which your instructor will provide. Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for Pearson's MyLab & Mastering products may not be included, may be incorrect, or may be previously redeemed. Check with the seller before completing your purchase. Building Java Programs: A Back to Basics Approach, Third Edition, introduces novice programmers to basic constructs and common pitfalls by emphasizing the essentials of procedural programming, problem solving, and algorithmic reasoning. By using objects early to solve interesting problems and defining objects later in the course, Building Java Programs develops programming knowledge for a broad audience. NEW! This edition is available with MyProgrammingLab, an innovative online homework and assessment tool. Through the power of practice and immediate personalized feedback, MyProgrammingLab helps students fully grasp the logic, semantics, and syntax of programming. 0133437302/ 9780133437300 Building Java Programs: A Back to Basics Approach plus MyProgrammingLab with Pearson eText -- Access Card Package, 3/e Package consists of: 0133360903/ 9780133360905 Building Java Programs, 3/e 0133797875/ 9780133797875 MyProgrammingLab with Pearson eText -- Access Card -- for Building Java Programs, 3/e Python Crash Course Eric Matthes 2015-11-01 Python Crash Course is a fast-paced, thorough introduction to Python that will have you writing programs, solving problems, and making things that work in no time. In the first half of the book, you'll learn about basic programming concepts, such as lists, dictionaries, classes, and loops, and practice writing clean and readable code with exercises for each topic. You’ll also learn how to make your programs interactive and how to test your code safely before adding it to a project. In the second half of the book, you’ll put your new knowledge into practice with three substantial projects: a Space Invaders–inspired arcade game, data visualizations with Python’s super-handy libraries, and a simple web app you
can deploy online. As you work through Python Crash Course you’ll learn how to: –Use powerful Python libraries and tools, including matplotlib, NumPy, and Pygal –Make 2D games that respond to keypresses and mouse clicks, and that grow more difficult as the game progresses –Work with data to generate interactive visualizations –Create and customize Web apps and deploy them safely online –Deal with mistakes and errors so you can solve your own programming problems If you’ve been thinking seriously about digging into programming, Python Crash Course will get you up to speed and have you writing real programs fast. Why wait any longer? Start your engines and code! Uses Python 2 and 3 Learning PHP, MySQL, JavaScript, and CSS Robin Nixon 2012-08-27 Learn how to build interactive, data-driven websites—even if you don’t have any previous programming experience. If you know how to build static sites with HTML, this popular guide will help you tackle dynamic web programming. You’ll get a thorough grounding in today’s core open source technologies: PHP, MySQL, JavaScript, and CSS. Explore each technology separately, learn how to combine them, and pick up valuable web programming concepts along the way, including objects, XHTML, cookies, and session management. This book provides review questions in each chapter to help you apply what you’ve learned. Learn PHP essentials and the basics of object-oriented programming Master MySQL, from database structure to complex queries Create web pages with PHP and MySQL by integrating forms and other HTML features Learn JavaScript fundamentals, from functions and event handling to accessing the Document Object Model Pick up CSS basics for formatting and styling your web pages Turn your website into a highly dynamic environment with Ajax calls Upload and manipulate files and images, validate user input, and secure your applications Explore a working example that brings all of the ingredients together Java 9 for Programmers Paul J. Deitel 2017-05-16 The professional programmer’s Deitel® guide to Java® 9 and the powerful Java platform Written for programmers with a background in another high-level language, this book applies the Deitel signature live-code approach to teaching programming and explores the Java® 9 language and APIs in depth. The book presents concepts in fully tested programs, complete with code walkthroughs, syntax shading, code highlighting and program outputs. It features hundreds of complete Java 9 programs with thousands of lines of proven code, and hundreds of software-development tips that will help you build robust applications. Start with an introduction to Java using an early classes and objects approach, then rapidly move on to more advanced topics, including JavaFX GUI, graphics, animation and video, exception handling, lambdas, streams, functional interfaces, object serialization, concurrency, generics, generic collections, database with JDBC™ and JPA, and compelling new Java 9 features, such as the Java Platform Module System, interactive Java with JShell (for discovery, experimentation and rapid prototyping) and more. You’ll enjoy the Deitels’ classic treatment of object-oriented programming and the object-oriented design ATM case study, including a complete Java implementation. When you’re finished, you’ll have everything you need to build industrial-strength, object-oriented Java 9 applications. New Java® 9 Features Java® 9’s Platform Module System Interactive Java via JShell—Java 9’s REPL Collection Factory Methods, Matcher Methods, Stream Methods, JavaFX Updates, Using Modules in JShell,
Completable Future Updates, Security Enhancements, Private Interface Methods and many other language and API updates. Core Java Features Classes, Objects, Encapsulation, Inheritance, Polymorphism, Interfaces Composition vs. Inheritance, “Programming to an Interface not an Implementation” Lambdas, Sequential and Parallel Streams, Functional Interfaces with Default and Static Methods, Immutability JavaFX GUI, 2D and 3D Graphics, Animation, Video, CSS, Scene Builder Files, I/O Streams, XML Serialization Concurrency for Optimal Multi-Core Performance, JavaFX Concurrency APIs Generics and Generic Collections Recursion, Database (JDBC™ and JPA) Keep in Touch Contact the authors at: deitel@deitel.com Join the Deitel social media communities LinkedIn® at bit.ly/DeitelLinkedIn Facebook® at facebook.com/DeitelFan Twitter® at twitter.com/deitel YouTube™ at youtube.com/DeitelTV Subscribe to the Deitel Buzz e-mail newsletter at www.deitel.com/newsletter/subscribe.html For source code and updates, visit: www.deitel.com/books/Java9FP

Murach's Android Programming (2nd Edition) Joel Murach 2015-12 This book teaches anyone with a basic understanding of Java how to develop Android apps at a professional level, using Android Studio. To start, it shows how to use Android Studio to code, test, and debug a Tip Calculator app for a smartphone or tablet. Then, it expands upon this app to show must-have Android skills such as working with layouts, widgets, events, themes, styles, menus, preferences, and fragments. Next, this book presents two more apps that illustrate Android skills you'll use every day, such as working with threads, files, adapters, intents, services, notifications, broadcast receivers, SQLite databases, content providers, and app widgets. Finally, this book presents an app that uses the Google Maps API and shows you how to submit your finished apps to the Google Play store. The real-world apps let you see how the skills you're learning work together, and they illustrate how and when you'd use each skill.

Murach's Oracle SQL and PL SQL for Developers Joel Murach 2017-07-20 Murach's Oracle SQL and PL: SQL for Developers By Joel Murac Python for Data Analysis Wes McKinney 2017-09-25 Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

Murach's Python for Data Analysis Scott McCoy 2021-08 Data is collected everywhere these days, in massive
quantities. But data alone does not do you much good.
That is why data analysis -- making sense of the data --
has become a must-have skill in the fields of business,
science, and social science. But it is a tough skill to
acquire. The concepts are challenging, and too many
books and online tutorials treat only parts of the total
skillset needed. Now, though, this book draws all the
essential skills together and presents them in a clear
and example-packed way. So you will soon be applying
your programming skills to complex data analysis
problems, more easily than you ever thought possible.
In terms of content, this book gets you started the right
way by using Pandas for data analysis and Seaborn for
data visualisation, with JupyterLab as your IDE. Then,
it helps you master descriptive analysis by teaching you
how to get, clean, prepare, and analyse data, including
time-series data. Next, it gets you started with
predictive analysis by showing you how to use linear
regression models to predict unknown and future values.
And to tie everything together, it gives you 4 real-
world case studies that show you how to apply your new
skills to political, environmental, social, and sports
analysis. At the end, you will have a solid set of the
professional skills that can lead to all sorts of new
career opportunities. Sound too good to be true?
Download a sample chapter for free from the Murach
website and see for yourself how this book can turn you
into the data analyst that companies are looking for.

Problem Solving with C++ Walter J. Savitch 2005 This
text explains C++ and basic programming techniques in a
way suitable for beginning students. It adapts to the
syllabus created by the instructor rather than making
you adapt to the book. The order in which the chapters
and sections are covered can easily be changed without
loss of continuity in reading the text.

Mastering Windows Server 2012 R2 Mark Minasi 2013-12-03
Check out the new Hyper-V, find new and easier ways to
remotely connect back into the office, or learn all
about Storage Spaces--these are just a few of the
features in Windows Server 2012 R2 that are explained in
this updated edition from Windows authority Mark Minasi
and a team of Windows Server experts led by Kevin
Greene. This book gets you up to speed on all of the new
features and functions of Windows Server, and includes
real-world scenarios to put them in perspective. If
you're a system administrator upgrading to, migrating
to, or managing Windows Server 2012 R2, find what you
need to do the job in this complete resource. Learn all
about: Installing or upgrading to and managing Windows
Server 2012 R2 Understanding Microsoft NIC teams 2012
and PowerShell Setting up via GUI or updated Server Core
2012 Migrating, merging, and modifying your Active
Directory Managing address spaces with IPAM
Understanding new shared storage, storage spaces, and
better tools Controlling access to file shares—a new and
improved approach Using and administering Remote
Desktop, Virtual Desktop, and Hyper-V®

Murach's Beginning Java with Eclipse Joel Murach 2015-08
Want to learn Java? This beginning book brings an
exciting, new approach to Java instruction that eases
the learning curve and uses the Eclipse IDE to make you
productive as quickly as possible. In fact, in just 22
chapters, you'll grow from beginner to entry-level
professional! Along the way, this book presents all of
the critical skills that you need to move on to web or
mobile development with Java. It presents object-
oriented features like inheritance, interfaces, and
polymorphism in a way that's both understandable and
useful in the real world. It covers the most important features introduced in Java 8 such as lambda expressions and the new date/time API. It provides realistic sample applications that put these skills into context. It provides exercises that you can use to gain valuable hands-on experience. And it's all done in the distinctive Murach style that has been training professional programmers for over 40 years.

An Object-oriented Approach to Programming Logic and Design Joyce Farrell 2011 An Object-Oriented Approach to Programming Logic and Design, 3e, International Edition provides the beginning programmer with a guide to developing object-oriented program logic. This textbook assumes no programming language experience. The writing is nontechnical and emphasizes good programming practices. The examples are business examples; they do not assume mathematical background beyond high school business math. Additionally, the examples illustrate one or two major points; they do not contain so many features that students become lost following irrelevant and extraneous details.

Structural Analysis-II, 4th Edition S.S. Bhavikatti Structural analysis, or the 'theory of structures', is an important subject for civil engineering students who are required to analyse and design structures. It is a vast field and is largely taught at the undergraduate level. A few topics like matrix method and plastic analysis are also taught at the postgraduate level and in Structural Engineering electives. The entire course has been covered in two volumes Structural Analysis-I and II. Structural Analysis-II deals in depth with the analysis of indeterminate structures, and also special topics like curved beams and unsymmetrical bending. It provides an introduction to advanced methods of analysis, namely, matrix method and plastic analysis.

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Murach's SQL Server 2019 for Developers Joel Murach 2020-04 If you're an application developer, or you're training to be one, this latest edition of Murach's classic SQL Server book is made for you. To start, it presents the SQL statements that you need to retrieve and update the data in a database. These are the SQL statements that you'll use every day. Then, it shows you how to design a database, how to implement that design, and how to work with database features like views, scripts, stored procedures, functions, triggers, transactions, security, XML data, and BLOB data with FILESTREAM storage. The result? You'll be able to create database applications that are thoroughly professional. You'll be familiar with the DBA-related issues that let you work far more effectively than most of your colleagues. And you'll have a handy reference at your side to answer questions and handle new challenges as they come up.

Murach's ASP.NET Core MVC Joel Murach 2020-01-07 If you know the basics of C# and HTML/CSS, you're ready to learn how to build ASP.NET Core MVC web apps the way the professionals do. This book covers all the essentials: the MVC pattern, Bootstrap for responsive design, routing, Razor views, model binding, data validation, EF
(Entity Framework) Core for database handling, dependency injection, xUnit and Moq for unit testing, Identity for authentication, and more. It gets you going right away with a subset of basic skills, then builds on those skills so you'll soon be developing real-world web apps. Along the way, you get dozens of practical coding examples that help you apply what you've just learned and show how all the parts work together. And when you're done, this book does double duty as the best on-the-job reference that money can buy.