Murach Java Programming 4th Edition Solutions

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Murach’s Java Servlets and JSP
Joel Murach
2014-06-01 Provides information on using servlets and JavaServer Pages to create Web applications

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) 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 Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data

Beginning Programming with C++ For Dummies
Stephen R. Davis
2014-10-07 Learn to program with C++ quickly with this helpful guide. Beginning Programming with C++ For Dummies, 2nd Edition gives you plain-English explanations of the fundamental principles of C++, arming you with the skills and know-how to expertly use one of the world’s most popular programming languages. You’ll explore what goes into creating a program, how to put the pieces together, learn how to deal with standard programming challenges, and much more.

Written by the bestselling author of C++ For Dummies, this updated guide explores the basic development concepts and techniques of C++ from a beginner’s point of view, and helps make sense of the how and why of C++ programming from the ground up. Beginning with an introduction to how programming languages function, the book goes on to explore how to work with integer expressions and character expressions, keep errors out of your code, use loops and functions, divide your code into modules, and become a functional programmer. Grasp C++ programming like a pro, even if you’ve never written a line of code. Master basic development concepts and techniques in C++ Get rid of bugs and write programs that work. Find all the code from the book and an updated C++ compiler on the companion website. If you’re a student or first-time programmer looking to master this object-oriented programming language, Beginning Programming with C++ For Dummies, 2nd Edition has you covered.

Beginning Android Programming with Android Studio
Jerome DiMarzio
2016-10-24 A hands-on introduction to the latest release of the Android OS and the easiest Android tools for developers. As the dominant mobile platform today, the Android OS is a powerful and flexible platform for mobile device. The new Android 7 release (New York Cheesecake) boasts significant new features and enhancements for both smartphone and tablet applications. This step-by-step resource takes a hands-on approach to teaching you how to create Android applications for the latest OS and the newest devices, including both smartphones and tablets. Shows you how to install, get started with, and use Android Studio 2 - the simplest Android developer tool ever for beginners. Addresses how to display notifications, create rich user interfaces, and use activities and intents. Review’s mastering views and menus and managing data. Discusses working with SMS. Looks at packaging and publishing applications to the Android market.
Beginning Android Programming with Android Studio starts with the basics and goes on to provide you with everything you need to know to begin to successfully develop your own Android applications. Murach’s ASP.NET 4.5 Web Programming with VB 2012 Mary Delamater 2013 A guide to writing Web applications using ASP.NET 4.6 and VB 2012 covers such topics as testing and debugging, working with server controls, using validations controls, customizing the GridView control, and securing a Web site.

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.

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 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.

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.

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, Murach’s 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 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.

**SAP NetWeaver AS ABAP - System Administration**

Frank Pfeifer, Edition 2011-11

*Understand the Basis system's inner workings to quickly address critical situations* • *Get step-by-step instructions and practical tips on administration* • *Explore new information on SAP Solution Manager 7.1, enhancement packages, and the new monitoring infrastructure* • 4th edition, updated and expanded

In the fourth edition of this flagship reference, you’ll find updated, expanded, and revised information of the most important administration topics for SAP NetWeaver Application Server ABAP. From getting started with the system, to client administration and authorization concepts, to system monitoring, you’ll find all administration tools and practical instructions to optimally configure your system. This book is an essential companion for your daily work.

All Concepts Explained

Learn everything you need to know about the functioning of SAP Basis. After reading this book, SAP specifics such as work processes, authorizations, and monitoring will no longer baffle you.

Tools in Practical Use

All tools in the standard SAP Basis are described and illustrated using detailed screenshots. Tips from SAP Support

Expert Gear up for critical situations, and benefit from the day-to-day experience that the authors gained in many years of working in SAP support.

New in this Edition

Expand your knowledge with this new edition. It now includes sections on SAP Solution Manager 7.1, Monitoring and Alert Infrastructure, System Landscape Directory, and CTShighlights• SAP NetWeaver AS ABAP architecture• Dialog and background processing• Accounting and Lock management• Setting up a system landscape• Client administration• SAP clients, users, and authorizations administration• Software logistics and instance maintenance• System monitoring• SAP Solution Manager

**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.

**Java 8 in Action**

Raoul-Gabriel Urma, 2014

“Java 8 in Action” is a clearly written guide to the new features of Java 8. It begins with a practical introduction to lambdas, using real-world Java code. Next, it covers the new Streams API and shows how you can use it to make collection-based code radically easier to understand and maintain. It also explains other major Java 8 features including default methods, Optional, CompletableFuture, and the new Date and Time API...

This book/course is written for programmers familiar with Java and basic OO programming.”-- Resource description page.

**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.

**SQL Server Query Performance Tuning**

Grant Fritchey, 2014-09-16

Queries not running fast enough? Wondering about the in-memory database features in...
2014? Tired of phone calls from frustrated users? Grant Fritchey’s book SQL Server Query Performance Tuning is the answer to your SQL Server query performance problems. The book is revised to cover the very latest in performance optimization features and techniques, especially including the newly-added, in-memory database features formerly known under the code name Project Hekaton. This book provides the tools you need to approach your queries with performance in mind. SQL Server Query Performance Tuning leads you through understanding the causes of poor performance, how to identify them, and how to fix them. You’ll learn to be proactive in establishing performance baselines using tools like Performance Monitor and Extended Events. You’ll learn to recognize bottlenecks and defuse them before the phone rings. You’ll learn some quick solutions too, but emphasis is on designing for performance and getting it right, and upon heading off trouble before it occurs. Delight your users. Silence that ringing phone. Put the principles and lessons from SQL Server Query Performance Tuning into practice today. Covers the in-memory features from Project Hekaton Helps establish performance baselines and monitor against them Guides in troubleshooting and eliminating of bottlenecks that frustrate users

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—like 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 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 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.

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.

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

**Hibernate Recipes** Gary Mak 2010-08-11 Hibernate continues to be the most popular out-of-the-box framework solution for Java Persistence and data/database accessibility techniques and patterns. It is used for e-commerce-based web applications as well as heavy-duty transactional systems for the enterprise. Gary Mak, the author of the best-selling Spring Recipes, now brings you Hibernate Recipes. This book contains a collection of code recipes and templates for learning and building Hibernate solutions for you and your clients. This book is your pragmatic day-to-day reference and guide for doing all things involving Hibernate. There are many books focused on learning Hibernate, but this book takes you further and shows how you can apply it practically in your daily work.

**Java Performance** Scott Oaks 2020-02-11 Coding and testing are generally considered separate areas of expertise. In this practical book, Java expert Scott Oaks takes the approach that anyone who works with Java should be adept at understanding how code behaves in the Java Virtual Machine—including the tunings likely to help performance. This updated second edition helps you gain in-depth knowledge of Java application performance using both the JVM and the Java platform. Developers and performance engineers alike will learn a variety of features, tools, and processes for improving the way the Java 8 and 11 LTS releases perform. While the emphasis is on production-supported releases and features, this book also features previews of exciting new technologies such as ahead-of-time compilation and experimental garbage collections. Understand how various Java platforms and compilers affect performance. Learn how Java garbage collection works. Apply four principles to obtain best results from performance testing. Use the JDK and other tools to learn how a Java application is performing. Minimize the garbage collector’s impact through tuning and programming practices. Tackle performance issues in Java APIs. Improve Java-driven database application performance.

**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 ASP.NET 2.0 Web Programming with C#** 2005 Joel Murach 2006 Learn to master all the skills using ASP.NET’s powerful features and to handle databases like a pro. The first chapters get off to a fast start with instruction on building multi-page applications. This book is designed for C# developers who want to learn how to develop professional web applications with Microsoft’s ASP.NET 2.0.

**Murach’s Beginning Java with NetBeans** Joel Murach 2015-07 Want to learn Java? This beginning book brings an exciting, new approach to Java instruction that eases the learning curve and uses the NetBeans IDE to make you productive as quickly as possible. In fact, in just 22 chapters, you will 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 is 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 is all done in the distinctive Murach style that has been training professional programmers for over 40 years.
Murach’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 ECMAScript 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.  
PHP and MySQL Web Development  
Luke Welling  
2008-10-01  
PHP and MySQL Web Development, Fourth Edition  
The definitive guide to building database-drive Web applications with PHP and MySQL and MySQL are popular open-source technologies that are ideal for quickly developing database-driven Web applications. PHP is a powerful scripting language designed to enable developers to create highly featured Web applications quickly, and MySQL is a fast, reliable database that integrates well with PHP and is suited for dynamic Internet-based applications. PHP and MySQL Web Development shows how to use these tools together to produce effective, interactive Web applications. It clearly describes the basics of the PHP language, explains how to set up and work with a MySQL database, and then shows how to use PHP to interact with the database and the server. The fourth edition of PHP and MySQL Web Development has been thoroughly updated, revised, and expanded to cover developments in PHP 5 through version 5.3, such as namespaces and closures, as well as features introduced in MySQL 5.1. This is the eBook version of the title.  
To gain access to the contents on the CD bundled with the printed book, please register your product at informit.com/register  
Modern Java in Action  
Raoul-Gabriel Urma  
2018-09-26  
Summary  
Manning’s bestselling Java 8 book has been revised for Java 9! In Modern Java in Action, you’ll build on your existing Java language skills with the newest features and techniques. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Modern applications take advantage of innovative designs, including microservices, reactive architectures, and streaming data. Modern Java features like lambdas, streams, and the long-awaited Java Module System make implementing these designs significantly easier. It’s time to upgrade your skills and meet these challenges head on! About the Book Modern Java in Action connects new features of the Java language with their practical applications. Using crystal-clear examples and careful attention to detail, this book respects your time. It will help you expand your existing knowledge of core Java as you master modern additions like the Streams API and the Java Module System, explore new approaches to concurrency, and learn how functional concepts can help you write code that’s easier to read and maintain. What’s inside  
Thoroughly revised edition of Manning’s bestselling Java 8 in Action  
New features in Java 8, Java 9, and beyond  
Streaming data and reactive programming  
The Java Module System  
About the Reader  
Written for developers familiar with core Java features. About the Author  
Raoul-Gabriel Urma is CEO of Cambridge Spark. Mario Fusco is a senior software engineer at Red Hat. Alan Mycroft is a University of Cambridge computer science professor; he cofounded the Raspberry Pi Foundation.  
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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 JavaScript and jQuery Zak Ruvalcaba 2012-11 Provides information on creating Web applications with JavaScript and the jQuery library of code. Selenium WebDriver Recipes in C# Zhimin Zhan 2015-12-19 Solve your Selenium WebDriver problems with this quick guide to automated testing of web applications with Selenium WebDriver in C#. Selenium WebDriver Recipes in C#, Second Edition contains hundreds of solutions to real-world problems, with clear explanations and ready-to-run Selenium test scripts that you can use in your own projects. You’ll learn: How to locate web elements and test functions for hyperlinks, buttons, TextFields and TextAreas, radio buttons, CheckBoxes, and more How to use Selenium WebDriver for select lists, navigation, assertions, frames, file upload and pop-up dialogs How to debug test scripts and test data How to manage and deal with browser profiles and capabilities “/li> How to manage tests and testing using Selenium WebDriver in C# Windows application programmers/developers.

Java in Two Semesters Quentin Charatan 2019-01-08 This easy-to-follow textbook teaches Java programming from first principles, as well as covering design and testing methodologies. The text is divided into two parts. Each part supports a one-semester module, the first part addressing fundamental programming concepts, and the second part building on this foundation, teaching the skills required to develop more advanced applications. This fully updated and greatly enhanced fourth edition
covers the key developments introduced in Java 8, including material on JavaFX, lambda expressions and the Stream API. Topics and features: begins by introducing fundamental programming concepts such as the Java programming language, and APIs to develop applications in many different contexts. You will also delve into more advanced topics like lambda expressions, closures, new i/o (NIO.2), enums, generics, XML, metadata and the Swing APIs for GUI design and development. By the end of the book, you'll be fully prepared to take advantage of Java's ease of development, and able to create powerful, sophisticated Java applications.

**Java 8 Programming** Terrill Brett Spell
2015-05-29 Java 8 Programming covers the core Java development kit. It takes advantage of the finer points of the core standard edition (SE) and development kit version 8. You'll discover the particulars of working with the Java language and APIs to develop applications in many different contexts. You will also delve into more advanced topics like lambda expressions, closures, new i/o (NIO.2), enums, generics, XML, metadata and the Swing APIs for GUI design and development. By the end of the book, you'll be fully prepared to take advantage of Java’s ease of development, and able to create powerful, sophisticated Java applications.

**PowerShell in Depth** Don Jones 2014-10-31 Summary PowerShell in Depth, Second Edition is the go-to reference for administrators working with Windows PowerShell. Every major technique, technology, and tactic is carefully explained and demonstrated, providing a hands-on guide to almost everything an admin would do in the shell. Written by PowerShell MVPs Don Jones, Jeffrey Hicks, and Richard Siddaway, each valuable technique was developed and thoroughly tested, so you’ll be able to consistently write production-quality, maintainable scripts while saving hours of time and effort. This book assumes you know the basics of PowerShell. What’s Inside Automating tasks Packaging and deploying scripts Introduction to Desired State Configuration PowerShell security
Covers PowerShell version 3 and later About the Authors Don Jones, Jeffery Hicks, and Richard Siddaway are Microsoft MVPs, trainers, and administrators. Collectively, they’ve authored nearly three dozen books on PowerShell and Windows administration. Table of Contents PART 1 POWERSHELL FUNDAMENTALS Introduction PowerShell hosts Using the PowerShell help system The basics of PowerShell syntax Working with PSSnapins and modules Operators Working with .NET Framework objects PART 2 POWERSHELL MANAGEMENT PowerShell Remoting Background jobs and scheduling Working with credentials Regular expressions Working with HTML and XML data PSDrives and PSProviders Variables, arrays, hash tables, and script blocks PowerShell security Advanced PowerShell syntax PART 3 POWERSHELL SCRIPTING AND AUTOMATION PowerShell’s scripting language Basic scripts and functions Creating objects for output Scope PowerShell workflows Advanced syntax for scripts and functions Script modules and manifest modules Custom formatting views Custom type extensions Data language and internationalization Writing help Error handling techniques Debugging tools and techniques Functions that work like cmdlets Tips and tricks for creating reports PART 4 ADVANCED POWERSHELL Working with the Component Object Model (COM) Working with .NET Framework objects Accessing databases Proxy functions Building a GUI WMI and CIM Working with the Desired State Configuration 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®