Sams Teach Yourself Regular Expressions In 10 Minutes

RegEx is supported in all major development environments (for use in editing and working with code) and will thus appeal to anyone using these tools. In addition, every JavaScript developer should be using RegEx, but most don't as it has never been taught to them properly before. Developers using ASP, C#, ColdFusion, Java JSP, PHP, Perl, Python, and more can (and should) be using RegEx, and so every one of them is a potential reader too. Sams Teach Yourself Regular Expressions in 10 Minutes is a tutorial book organized into a series of easy-to-follow 10-minutes lessons. These well targeted lessons teach you in 10 minutes what other books might take hundreds of pages to cover. Instead of dwelling on syntax, terminology, and arcane examples and scenarios, this book takes a very hands-on approach to solving the needs of the majority of RegEx users who simply need to manipulate data.

The basics of creating dynamic websites with the latest version of this popular language in easy-to-digest bits.

Sams Teach Yourself Microsoft SQL Server T-SQL in 10 Minutes offers straightforward, practical answers when you need fast results. By working through 10-minute lessons, you'll learn everything you need to know to take advantage of Microsoft SQL Server’s T-SQL language. This handy pocket guide starts with simple data retrieval and moves on to more complex topics, including the use of joins, subqueries, full text-based searches, functions and stored procedures, cursors, triggers, table constraints, XML, and much more. You'll learn what you need to know methodically, systematically, and simply—in highly focused lessons designed to make you immediately and effortlessly productive.

Tips point out shortcuts and solutions Cautions help you avoid common pitfalls Notes explain additional concepts, and provide additional information 10 minutes is all you need to learn how to... Use T-SQL in the Microsoft SQL Server environment Construct complex T-SQL statements using multiple clauses and operators Filter data so you get the information you need quickly Retrieve, sort, and format database contents Join two or more related tables Make SQL Server work for you with globalization and localization Create subqueries to pinpoint your data Automate your workload with triggers Create and alter database tables Work with views, stored procedures, and more Register your book at www.samspublishing.com/register to download examples and source code from this book.

In just 24 lessons of one hour or less, Sams Teach Yourself JavaScript in 24 Hours helps you learn the fundamentals of web programming using the JavaScript language. Designed for beginners with no previous programming experience, this book’s straightforward, step-by-step approach shows you how to use JavaScript to add a wide array of interactive features and effects to your web pages. Every lesson builds on what you’ve already learned, giving you a rock-solid foundation for real-world success. Step-by-step instructions carefully walk you through the most common JavaScript programming tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Learn how to... · Use JavaScript to build dynamic, interactive web pages · Debug scripts · Create scripts that work in all browsers · Write clear, reliable, and reusable code · Use object-oriented programming techniques · Script with the DOM · Manipulate JSON data · Work with HTML5 and CSS3 · Control CSS with simple JavaScript code · Read and write cookies · Use some of the new ECMAScript features today · Match patterns using regular expressions · Understand and use closures · Organize your code with modules

Learn how to develop powerful and robust shell scripts in order to get the most out of your Unix/Linux system.
Introduces regular expressions and how they are used, discussing topics including metacharacters, nomenclature, matching and modifying text, expression processing, benchmarking, optimizations, and loops.

Sams Teach Yourself ASP.NET in 21 Days, Second Edition offers an approachable guide to the latest in Microsoft .NET technologies. The author's example-packed and accessible presentation style helped make the previous edition a success. The book walks the reader through the .NET Framework and teaches techniques needed to program Web applications efficiently. For experienced user of the previous version of ASP, this title will serve as an invaluable "upgrade" tool. After covering Web Forms and Server Controls, the author explores at database access with ADO.NET and XML. An application will be built throughout the book to illustrate techniques learned each day. XML Web Services are covered in detail due to their tight integration with ASP.NET applications. Overall this title will make ASP.NET accessible for just about anyone, with or without exposure to the older ASP standard.

In just 24 sessions of one hour or less, start using Core Data to build powerful data-driven apps for iOS devices and Mac OS X computers! Using this book's straightforward, step-by-step approach, you'll discover how Apple's built-in data persistence framework can help you meet any data-related requirement, from casual to enterprise-class. Beginning with the absolute basics, you'll learn how to create data models, build interfaces, interact with users, work with data sources and table views. Every lesson builds on what you've already learned, giving you a rock-solid foundation for real-world success! Step-by-step instructions carefully walk you through the most common Core Data development tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. Notes present interesting information related to the discussion. Tips offer advice or show you easier ways to perform tasks. Cautions alert you to possible problems and give you advice on how to avoid them. Jesse Feiler is a leading expert on Apple database development. Feiler has worked with databases since the 1980s, writing about technologies that have since evolved into Core Data. His database clients have included Federal Reserve Bank of New York, Young & Rubicam, and many small and nonprofit organizations. His recent books include Data-Driven iOS Apps for iPad and iPhone with FileMaker Pro, Bento by FileMaker, and FileMaker Go; and FileMaker 12 in Depth. Learn how to...

- Start writing database apps fast, with Xcode 4's powerful tools and templates
- Master the Objective-C features and patterns Core Data relies upon
- Understand Core Data's goals, components, and behavior
- Model data graphically with Xcode 4's Data Model Editor
- Leverage the full power of Managed Objects
- Use controllers to integrate your data model with your code
- Fetch, use, and store data from any source
- Develop interfaces and features more quickly with Interface Builder
- Add navigation and control features that integrate seamlessly with Core Data
- Interact with users via popovers, segmented controls, action sheets, and tab bars
- Create table views that users can edit
- Let Xcode 4 and Core Data validate your data for you
- Use predicates to precisely select the right data
- Get ready for iCloud features to sync and move data among your iCloud-enabled devices

Category: iOS/Mac Programming
User Level: Beginning-to-Intermediate

'Sams Teach Yourself Perl in 21 Days' covers the basics in the first few chapters, and then moves on to practical uses of Perl and in-depth discussions of more advanced topics. Perl is a popular programming language typically used in Unix systems.

Thought-provoking and accessible in approach, this updated and expanded second edition of the Sams Teach Yourself Regular Expressions In 10 Minutes provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for advanced graduate-level students. We hope you find this book useful in shaping your future career. Feel free to send us your enquiries related to our publications to...
Regular expressions are an extremely powerful tool for manipulating text and data. They are now standard features in a wide range of languages and popular tools, including Perl, Python, Ruby, Java, VB.NET and C# (and any language using the .NET Framework), PHP, and MySQL. If you don’t use regular expressions yet, you will discover in this book a whole new world of mastery over your data. If you already use them, you’ll appreciate this book’s unprecedented detail and breadth of coverage. If you think you know all you need to know about regular expressions, this book is a stunning eye-opener. As this book shows, a command of regular expressions is an invaluable skill. Regular expressions allow you to code complex and subtle text processing that you never imagined could be automated. Regular expressions can save you time and aggravation. They can be used to craft elegant solutions to a wide range of problems. Once you’ve mastered regular expressions, they’ll become an invaluable part of your toolkit. You will wonder how you ever got by without them. Yet despite their wide availability, flexibility, and unparalleled power, regular expressions are frequently underutilized. Yet what is power in the hands of an expert can be fraught with peril for the unwary. Mastering Regular Expressions will help you navigate the minefield to becoming an expert and help you optimize your use of regular expressions. Mastering Regular Expressions, Third Edition, now includes a full chapter devoted to PHP and its powerful and expressive suite of regular expression functions, in addition to enhanced PHP coverage in the central "core" chapters. Furthermore, this edition has been updated throughout to reflect advances in other languages, including expanded in-depth coverage of Sun's java.util.regex package, which has emerged as the standard Java regex implementation. Topics include: A comparison of features among different versions of many languages and tools How the regular expression engine works Optimization (major savings available here!) Matching just what you want, but not what you don't want Sections and chapters on individual languages Written in the lucid, entertaining tone that makes a complex, dry topic become crystal-clear to programmers, and sprinkled with solutions to complex real-world problems, Mastering Regular Expressions, Third Edition offers a wealth of information that you can put to immediate use. Reviews of this new edition and the second edition: "There isn't a better (or more useful) book available on regular expressions." --Zak Greant, Managing Director, eZ Systems "A real tour-de-force of a book which not only covers the mechanics of regexes in extraordinary detail but also talks about efficiency and the use of regexes in Perl, Java, and .NET...If you use regular expressions as part of your professional work (even if you already have a good book on whatever language you're programming in) I would strongly recommend this book to you." --Dr. Chris Brown, Linux Format "The author does an outstanding job leading the reader from regexnovice to master. The book is extremely easy to read and chock full of useful and relevant examples...Regular expressions are valuable toolthat every developer should have in their toolbox. Mastering RegularExpressions is the definitive guide to the subject, and an outstandingresource that belongs on every programmer's bookshelf. Ten out of TenHorseshoes." --Jason Menard, Java Ranch If you're a programmer new to regular expressions, this easy-to-follow guide is a great place to start. You'll learn the fundamentals step-by-step with the help of numerous examples, discovering first-hand how to match, extract, and transform text by matching specific words, characters, and patterns. Regular expressions are an essential part of a programmer's toolkit, available in various Unix utilities as well as programming languages such as Perl, Java, JavaScript, and C#. When you've finished this book, you'll be familiar with the most commonly used syntax in regular expressions, and you'll understand how using them will save you considerable time. Discover what regular expressions are and how they work Learn many of the differences between regular expressions used with command-line tools and in various programming languages Apply simple methods for finding patterns in text, including digits, letters, Unicode characters, and string literals
Learn how to use zero-width assertions and lookarounds. Work with groups, backreferences, character classes, and quantifiers. Use regular expressions to mark up plain text with HTML5.

Think of all the things you could do in 24 hours. Go sightseeing. Read a book. Learn PHP. Sams Teach Yourself PHP in 24 Hours is a unique learning tool that is divided into 24 one-hour lessons over five sections. Starting with the basics, you will discover the fundamentals of PHP and how to apply that knowledge to create dynamic websites with forms, cookies and authentication functions. You will also find out how to access databases, as well as how to integrate system components, e-mail, LDAP, network sockets and more. A support website includes access to source code, PHP updates, errata and links to other relevant websites. Sams Teach Yourself PHP in 24 Hours is a quick and easy way to learn how to create interactive websites for your end user.

Sams Teach Yourself SQL in 10 Minutes, Fourth Edition New full-color code examples help you see how SQL statements are structured. Whether you’re an application developer, database administrator, web application designer, mobile app developer, or Microsoft Office users, a good working knowledge of SQL is an important part of interacting with databases. And Sams Teach Yourself SQL in 10 Minutes offers the straightforward, practical answers you need to help you do your job. Expert trainer and popular author Ben Forta teaches you just the parts of SQL you need to know—starting with simple data retrieval and quickly going on to more complex topics including the use of joins, subqueries, stored procedures, cursors, triggers, and table constraints. You'll learn methodically, systematically, and simply—in 22 short, quick lessons that will each take only 10 minutes or less to complete. With the Fourth Edition of this worldwide bestseller, the book has been thoroughly updated, expanded, and improved. Lessons now cover the latest versions of IBM DB2, Microsoft Access, Microsoft SQL Server, MySQL, Oracle, PostgreSQL, SQLite, MariaDB, and Apache Open Office Base. And new full-color SQL code listings help the beginner clearly see the elements and structure of the language. 10 minutes is all you need to learn how to... Use the major SQL statements Construct complex SQL statements using multiple clauses and operators Retrieve, sort, and format database contents Pinpoint the data you need using a variety of filtering techniques Use aggregate functions to summarize data Join two or more related tables Insert, update, and delete data Create and alter database tables Work with views, stored procedures, and more Table of Contents 1 Understanding SQL 2 Retrieving Data 3 Sorting Retrieved Data 4 Filtering Data 5 Advanced Data Filtering 6 Using Wildcard Filtering 7 Creating Calculated Fields 8 Using Data Manipulation Functions 9 Summarizing Data 10 Grouping Data 11 Working with Subqueries 12 Joining Tables 13 Creating Advanced Joins 14 Combining Queries 15 Inserting Data 16 Updating and Deleting Data 17 Creating and Manipulating Tables 18 Using Views 19 Working with Stored Procedures 20 Managing Transaction Processing 21 Using Cursors 22 Understanding Advanced SQL Features Appendix A: Sample Table Scripts Appendix B: Working in Popular Applications Appendix C : SQL Statement Syntax Appendix D: Using SQL Datatypes Appendix E: SQL Reserved Words Sams Teach Yourself Regular Expressions in 10 MinutesSams Publishing Offers an updated tutorial for beginners explaining how to use Java to incorporate games, animation, and special effects into Web pages. “This book is a great reference for web designers new to ASP.NET who are looking to jump start their development with Visual Web Developer 2008.” Mikhail Arkhipov Principal Development Manager – Web Development Tools Microsoft Corporation Expression Web introduced ASP.NET to a new group of web developers. This book is designed to help you start using ASP.NET right away to add powerful new features to your website. Don’t worry, you won’t have to learn a lot of programming; instead,
you'll create an ASP.NET application from start to finish using Visual Web Developer 2008, while writing only a very small amount of actual programming code. DETAILED INFORMATION ON HOW TO... • Create and work with websites in Visual Web Developer 2008 • Use the different compilation and code models in ASP.NET • Configure ASP.NET security and other settings • Use ASP.NET master pages and user controls • Take advantage of ASP.NET membership features for a password-protected website • Use form validation in ASP.NET • Use CSS, skins, and themes • Access, edit, and add data to a database using ASP.NET • Send email using ASP.NET • Use Ajax and ASP.NET Web services • Debug and troubleshoot ASP.NET . . . and much more! This guide teaches readers how to design and implement their an open source database. Topics include designing and creating a database; normalizing data; adding tables, columns and indexes; importing and exporting data; administering, optimizing and troubleshooting My SQL; and locks and keys. This book can help beginning users understand and explore the often-intimidating world of regular expressions. Readers without a programming background receive an introduction and many examples to help them get up and running with regular expressions. MariaDB is a database server that offers drop-in replacement functionality for MySQL. Built by some of the original authors of MySQL, with assistance from the broader community of free and open source software developers, MariaDB offers a rich set of feature enhancements to MySQL, including alternate storage engines, server optimizations, and patches. MariaDB Crash Course teaches you all you need to know to be immediately productive with MariaDB. Master trainer Ben Forta introduces all the essentials through a series of quick, easy-to-follow, hands-on lessons. Instead of belaboring database theory and relational design, Forta focuses on teaching solutions for the majority of users who simply want to interact with data. Learn how to: Retrieve and sort data Filter data using comparisons, regular expressions, and full text search Join relational data Create and alter tables Insert, update, and delete data Leverage the power of stored procedures and triggers Use views and cursors Manage transactional processing Create user accounts and manage security via access control From lambda expressions and JavaFX 8 to new support for network programming and mobile development, Java 8 brings a wealth of changes. This cookbook helps you get up to speed right away with hundreds of hands-on recipes across a broad range of Java topics. You'll learn useful techniques for everything from debugging and data structures to GUI development and functional programming. Each recipe includes self-contained code solutions that you can freely use, along with a discussion of how and why they work. If you are familiar with Java basics, this cookbook will bolster your knowledge of the language in general and Java 8's main APIs in particular. Recipes include: Methods for compiling, running, and debugging Manipulating, comparing, and rearranging text Regular expressions for string- and pattern-matching Handling numbers, dates, and times Structuring data with collections, arrays, and other types Object-oriented and functional programming techniques Directory and filesystem operations Working with graphics, audio, and video GUI development, including JavaFX and handlers Network programming on both client and server Database access, using JPA, Hibernate, and JDBC Processing JSON and XML for data storage Multithreading and concurrency
JavaScript is one of the easiest, most straightforward ways to enhance a website with interactivity. Sams Teach Yourself JavaScript in 24 Hours, 4th Edition serves as an easy-to-understand tutorial on both scripting basics and JavaScript itself. The book is written in a clear and personable style with an extensive use of practical, complete examples. It also includes material on the latest developments in JavaScript and web scripting. You will learn how to use JavaScript to enhance web pages with interactive forms, objects, and cookies, as well as how to use JavaScript to work with games, animation, and multimedia. Special Edition Using Microsoft® Expression® Web 2 The only EXPRESSION WEB 2 book you need The successor to the best-selling book on the first release of Microsoft Expression Web, this book provides comprehensive coverage of Microsoft Expression Web 2. You’ll learn the basics of Web design and Expression Web 2 and gain valuable insight into Expression Web 2’s advanced features, such as ASP.NET and PHP development. If you’re interested in learning how to design standards-compliant Web sites using Expression Web 2, this is the only book you need. • Create standards-compliant Web sites with Expression Web 2 that work consistently in all browsers. • Become proficient in the use of CSS by learning how to use the powerful CSS tools in Expression Web 2. • Learn how to take advantage of ASP.NET and ASP.NET AJAX without writing any code. • Learn how to use the new PHP features available in Expression Web 2. • Add dynamic, interactive content with Behaviors and Layers. • Design your Web site for accessibility using both Section 508 and WCAG compliance. “Expression Web was built to help web authors create standards-based and standards-compliant web sites. Jim Cheshire has a broad understanding of those standards and a deep appreciation of Expression Web. Put the two together and you’ve got a guide that helps you understand and build sites that meet the challenges of modern Web design.” —Steven Guttman, Product Unit Manager, Expression Web Jim Cheshire is the owner of Jimco Software, a freeware software company and technology review site, and is the author of several books on Web development and ASP.NET. Jim has been heavily involved in Web development for more than a decade and has operated and designed many Web sites during that time. He’s been featured in numerous publications, including MSDN Magazine and PC Magazine. Jim previously worked on the FrontPage team at Microsoft and currently is an escalation engineer on the ASP.NET and IIS teams. Category: Web Development Covers Microsoft Expression Web 2 User Level Beginning—Advanced On the CD-ROM • Sample files from the author • FREE! full version of Logo Creator (retail value of $39.95) • FREE! full version of DHTML Menu Builder Lite (retail value of $25) • Electronic version of this book in Adobe’s Portable Document Format (PDF) Cover image: Digital Vision Photography/Veer Inc. Provides twenty-four lessons about how to use jQuery and JavaScript to build single-page web apps for multiple devices, with designs that incorporate animations, special effects, and image galleries. This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Sams Teach Yourself Microsoft SQL Server T-SQL in 10 Minutes offers straightforward, practical answers when you need fast results. By working through the book’s 30 lessons of 10 minutes or less, you’ll learn what you need to know to take advantage of Microsoft SQL Server’s T-SQL language. This handy pocket guide starts with simple data retrieval and moves on to more complex topics,
including the use of joins, subqueries, full text-based searches, functions and stored procedures, cursors, triggers, table constraints, XML, JSON, and much more. Learn how to... Use T-SQL in the Microsoft SQL Server environment Construct complex T-SQL statements using multiple clauses and operators Filter data so you get the information you need quickly Retrieve, sort, and format database contents Join two or more related tables Make SQL Server work for you with globalization and localization Create subqueries to pinpoint your data Automate your workload with triggers Create and alter database tables Work with views, stored procedures, and more

Learn to use one of the most powerful text processing and manipulation tools available Regular expression experts have long been armed with an incredibly powerful tool, one that can be used to perform all sorts of sophisticated text processing and manipulation in just about every language and on every platform. That's the good news. The bad news is that for too long, regular expressions have been the exclusive property of only the most tech savvy. Until now. Ben Forta's Learning Regular Expressions teaches you the regular expressions that you really need to know, starting with simple text matches and working up to more complex topics, including the use of backreferences, conditional evaluation, and look-ahead processing. You'll learn what you can use, and you'll learn it methodically, systematically, and simply. Regular expressions are nowhere near as complex as they appear to be at first glance. All it takes is a clear understanding of the problem being solved and how to leverage regular expressions to solve them. Read and understand regular expressions Use literal text and metacharacters to build powerful search patterns Take advantage of advanced regular expression features, including lookaheads and backreferences Perform powerful search-and-replace operations in all major professional editing tools Add sophisticated form and text processing to web applications Search for files using command-line tools like grep and egrep Use regular expressions in programming languages like JavaScript, Java, PHP, Python, Microsoft .NET, and C#, as well as in DBMSs including MySQL and Oracle Work with phone numbers, postal codes, social security numbers, IP addresses, URLs, email addresses, and credit card numbers Contents at a Glance 1 Introducing Regular Expressions 2 Matching Single Characters 3 Matching Sets of Characters 4 Using Metacharacters 5 Repeating Matches 6 Position Matching 7 Using Subexpressions 8 Using Backreferences 9 Looking Ahead and Behind 10 Embedding Conditions 11 Regular Expression Solutions to Common Problems Appendix A Regular Expressions in Popular Applications and Languages Covers Oracle DBMS versions 10, 11, 12, and XE Sams Teach Yourself Oracle PL/SQL in 10 Minutes offers straightforward, practical answers when you need fast results. By working through the book's 26 lessons of 10 minutes or less, you'll learn what you need to know to take advantage of Oracle's PL/SQL language. This handy pocket guide starts with simple data retrieval and moves on to more complex topics, including the use of joins, subqueries, regular expression and full text-based searches, stored procedures, cursors, triggers, table constraints, and much more. 10 minutes is all you need to learn how to... Use PL/SQL in the Oracle environments and tools Construct complex PL/SQL statements using multiple clauses and operators Retrieve, sort, and format database contents Pinpoint the data you need using a variety of filtering techniques Use string, date-time, and math functions to manipulate your data Join two or more related tables Insert, update, and delete data Create and alter database tables Work with views, stored procedures, cursors, triggers, and more Take the guesswork out of using regular expressions. With more than 140 practical recipes, this cookbook provides everything you need to solve a wide range of real-world problems. Novices will learn basic skills and tools, and programmers and experienced users will find a wealth of detail. Each recipe provides samples you can use right away. This revised edition covers the regular expression flavors used by C#, Java, JavaScript, Perl, PHP, Python, Ruby, and VB.NET. You'll learn powerful new tricks, avoid flavor-specific gotchas, and save valuable time with this huge library of practical solutions. Learn regular expressions basics through a detailed tutorial Use code listings to implement regular
expressions with your language of choice Understand how regular expressions differ from language to language Handle common user input with recipes for validation and formatting Find and manipulate words, special characters, and lines of text Detect integers, floating-point numbers, and other numerical formats Parse source code and process log files Use regular expressions in URLs, paths, and IP addresses Manipulate HTML, XML, and data exchange formats Discover little-known regular expression tricks and techniques In just 24 sessions of one hour or less, you’ll learn how to build complete, professional-quality web solutions with ASP.NET 4 and Microsoft Visual Web Developer 2010. Using this book’s straightforward, step-by-step approach, you’ll master the entire process, from site design through data collection, user management through debugging and deployment. Scott Mitchell, editor of top ASP.NET resource site 4GuysFromRolla.com, shows how to use the newest ASP.NET 4 enhancements and make the most of free tools like ASP.NET Ajax and Microsoft SQL Server 2008 Express Edition. Each lesson builds on what you’ve already learned, giving you a strong, practical foundation for success! Step-by-step instructions carefully walk you through the most common ASP.NET 4 development tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. By the Way, Did You Know?, and Watch Out! boxes point out shortcuts and solutions. Learn how to… Get started fast with ASP.NET 4 and Visual Web Developer 2010 Use Visual Web Developer 2010 to quickly build professional-quality ASP.NET websites Design, create, and test ASP.NET web pages Collect, process, and validate input from your site’s visitors Build a website that supports user accounts Create web pages that access, display, and edit database data using Microsoft SQL Server 2008 Express Edition Define site maps to provide efficient, easy navigation Use master pages to build more consistent and well-designed sites Create more responsive and interactive web pages with ASP.NET Ajax Host, upload, deploy, and update production web sites In just 24 lessons of one hour or less, Sams Teach Yourself Windows PowerShell in 24 Hours helps you streamline all facets of Windows administration, supercharging your effectiveness as an IT professional or power user. This book’s straightforward, step-by-step approach shows you how to build and run scripts, extend Windows PowerShell reach, manage computers remotely, and automate a wide variety of tasks on any modern Windows server or client. Every lesson builds on what you’ve already learned, giving you a rock-solid foundation for real-world success! Step-by-step instructions carefully walk you through the most common PowerShell scripting tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Notes, tips, and cautions point out shortcuts, pitfalls, and solutions. Learn how to... Install, configure, and explore Windows PowerShell (including updates for PowerShell 5) Leverage .NET’s remarkable power and scope with easy-to-use cmdlets Build new scripts with the console, ISE visual tools, and other popular hosts Apply best practices for writing more reliable, flexible, team-friendly scripts Work effectively with the pipeline, objects, and data Extend Windows PowerShell reach via providers, drives, and output Run external tools like ping, ipconfig, and tracert from within PowerShell Remotely manage computers with basic and advanced remoting (WinRM), WMI, and Regex Configure Windows devices across the web with PSWA Sort, filter, measure, format, export, and convert script output Run Windows PowerShell flexibly, using background and scheduled jobs Customize your environment with profile scripts, alternate credentials, thirdparty tools, and packages Strengthen your control over Windows systems and services with Desired State Configuration Administrator key tasks on SQL Server, SharePoint, and other Windows servers Master PowerShell skills needed to earn many Microsoft certifications In just 24 sessions of one hour or less, Sams Teach Yourself Go in 24 Hours will help new and experienced programmers build software that’s simpler, more reliable, and far more scalable. This book’s straightforward, step-by-step approach guides you from setting up your environment through testing and deploying powerful solutions. Using practical examples, expert Go developer George Ornbo walks you
through Go’s fundamental constructs, demonstrates its breakthrough features for concurrent and network programming, and illuminates Go’s powerful new idioms. Every lesson builds on what you’ve already learned, giving you a rock-solid foundation for real-world success. Step-by-step instructions carefully walk you through the most common Go programming tasks and techniques. Quizzes and exercises help you test your knowledge and stretch your skills. Practical, hands-on examples show you how to apply what you learn. Notes and Tips point out shortcuts, solutions, and problems to avoid. Two bonus chapters available online: Hour 25, “Creating a RESTful JSON API,” and Hour 26 “Creating a TCP Chat Server.” Learn how to... · Get productive quickly with Go development tools and web servers · Master core features, including strings, functions, structs, and methods · Work with types, variables, functions, and control structures · Make the most of Go’s arrays, slices, and maps · Write powerful concurrent software with Goroutines and channels · Handle program errors smoothly · Promote code reuse with packages · Master Go’s unique idioms for highly effective coding · Use regular expressions and time/date functions · Test and benchmark Go code · Write basic command-line programs, HTTP servers, and HTTP clients · Efficiently move Go code into production · Build basic TCP chat servers and JSON APIs

Register your book at informit.com/register for convenient access to the two bonus chapters online, downloads, updates, and/or corrections as they become available.

Explains how to use Structured Query Language to work within a relational database system, including information retrieval, security, data manipulation, and user management.

A guide to the Web programming technology covers implementation in C and Perl, customizing existing programs, and writing CGI scripts for survey forms, interactive games, order forms, search tools, and guest books.

Sams Teach Yourself SQL in 10 Minutes offers straightforward, practical answers when you need fast results. By working through the book’s 22 lessons of 10 minutes or less, you’ll learn what you need to know to take advantage of the SQL language. Lessons cover IBM DB2, Microsoft SQL Server and SQL Server Express, MariaDB, MySQL, Oracle and Oracle express, PostgreSQL, and SQLite. Full-color code examples help you understand how SQL statements are structured. Tips point out shortcuts and solutions. Cautions help you avoid common pitfalls. Notes explain additional concepts, and provide additional information. 10 minutes is all you need to learn how to... Use the major SQL statements: Construct complex SQL statements using multiple clauses and operators. Retrieve, sort, and format database contents. Pinpoint the data you need using a variety of filtering techniques. Use aggregate functions to summarize data. Join two or more related tables. Insert, update, and delete data. Create and alter database tables. Work with views, stored procedures, and more.

In just 24 sessions of one hour or less, you’ll learn how to build flexible, easy-to-maintain, standards-based websites with Microsoft Expression Web 3. Using this book’s straightforward, step-by-step approach, you’ll master the entire process, from concept through delivery. You’ll learn powerful ways to plan, design, construct, and even redesign websites that are simple to manage and easy to repurpose. Each lesson builds on what you’ve already learned, giving you a strong real-world foundation for success, no matter what kind of site you’re building! Step-by-step instructions carefully walk you through the most common Expression Web 3 tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. By the Way notes present interesting information related to the discussion. Did You Know? tips offer advice or show you easier ways to perform
tasks. Watch Out! cautions alert you to possible problems and give you advice on how to avoid them. Learn how to... Build your first Expression Web 3 website in just five minutes. Establish work processes for building standards-based sites faster, with far less work. Write error-free code quickly and easily with Code view and IntelliSense. Create hyperlinks that simplify navigation, perform actions, and send commands. Understand, create, and modify CSS style sheets with unprecedented speed and accuracy. Use Dynamic Web Templates to consistently format (or reformat) hundreds of pages. Implement state-of-the-art interactivity with buttons, behaviors, and Cascading Style Sheets (CSS). Publish simple Silverlight applications and add multimedia content from Flash and other sources. Build advanced drop-down and other CSS-based menus from scratch. Learn how and when to use each of Expression Web’s six publishing options. Integrate web application code written in ASP.NET or PHP.

Learn AngularJS, JavaScript and jQuery Web Application Development. In just a short time, you can learn the basics of the JavaScript language, jQuery library, and AngularJS framework—and find out how to use them to build well-designed, reusable components for web applications. Sams Teach Yourself AngularJS, JavaScript, and jQuery. All in One assumes absolutely no previous knowledge of JavaScript or jQuery. The authors begin by helping students gain the relevant JavaScript skills they need, introducing JavaScript in a way specifically designed for modern AngularJS web development. Each short, easy lesson builds on all that’s come before, teaching new concepts and techniques from the ground up, through practical examples and hands-on problem solving. As you complete the lessons in this book, you’ll gain a practical understanding of how to provide rich user interactions in your web pages, adding dynamic code that allows web pages to instantly react to mouse clicks and finger swipes, and interact with back-end services to store and retrieve data from the web server. Learn how to: Create powerful, highly interactive single-page web applications. Leverage AngularJS’s innovative MVC approach to web development. Use JavaScript in modern frameworks. Implement JavaScript, jQuery, and AngularJS together in web pages. Dynamically modify page elements in the browser. Use browser events to interact with the user directly. Implement client-side services that interact with web servers. Integrate rich user interface components, including zoomable images and expandable lists. Enhance user experience by creating AngularJS templates with built-in directives. Bind user interface elements and events to the data model to add flexibility and support more robust interactivity. Define custom AngularJS directives to extend HTML’s capabilities. Build dynamic browser views to provide richer user interaction. Create custom services you can integrate into many AngularJS applications. Develop a well-structured code base that’s easy to reuse and maintain.

Contents at a Glance
Part I: An Introduction to AngularJS, jQuery, and JavaScript Development
1 Introduction to Dynamic Web Programming
2 Debugging JavaScript in Web Pages
3 Understanding Dynamic Web Page Anatomy
4 Adding CSS/CSS3 Styles to Allow Dynamic Design and Layout
5 Jumping into jQuery and JavaScript Syntax
6 Understanding and Using JavaScript Objects
Part II: Implementing jQuery and JavaScript in Web Pages
7 Accessing DOM Elements Using JavaScript and jQuery Objects
8 Navigating and Manipulating jQuery Objects and DOM Elements
9 Applying JavaScript and jQuery Events for Richly Interactive Web Pages
10 Dynamically Accessing and Manipulating Web Pages with JavaScript and jQuery
11 Working with Window, Browser, and Other Non-Web Page Elements

Learn jQuery and JavaScript in 24 one-hour lessons Sams Teach Yourself jQuery and JavaScript in 24 Hours helps you build dynamic single-page web apps that deliver the rich experiences your users want. This book’s straightforward, step-by-step approach shows you how to create effects, animations, lists, complex forms, and more. In just a few hours, you’ll be building great user interfaces for any device, even the newest smartphones and tablets. Every lesson builds on what you’ve already learned, giving you a rock-solid foundation for real-world success. Step-by-step instructions carefully walk you through the most common jQuery and JavaScript development tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills Notes and tips point out shortcuts and solutions Learn how to…

AJAX HOUR 16: Interacting with External Services, Facebook, Google, Twitter, and Flickr
PART V: jQuery UI
HOUR 17: Introducing jQuery UI
HOUR 18: Using jQuery UI Effects
HOUR 19: Advanced Interactions Using jQuery UI Interaction Widgets
HOUR 20: Using jQuery UI Widgets to Add Rich Interactions to Web Pages
PART VI: jQuery Mobile
HOUR 21: Introducing Mobile Website Development
HOUR 22: Implementing Mobile Web Pages
HOUR 23: Formatting Content in Mobile Pages
HOUR 24: Implementing Mobile Form Elements and Controls

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