

## Javascript In 24 Hours Sams Teach Yourself Sams Teach Yourself In 24 Hours

Provides information on building responsive Web sites for a variety of devices and platforms using CSS, HTML5, and JavaScript, including layouts, breakpoints, forms, fonts and typography, with practical hands-on examples, quizzes, and exercises.

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

Printed entirely in color, with helpful figures and syntax coloring to make code samples appear as they do in Visual Studio. In just 24 sessions of one hour or less, you will be able to begin effectively using WPF to solve real-world problems, developing rich user interfaces in less time than you thought possible. Using a straightforward, step-by-step approach, each lesson builds on a real-world foundation forged in both technology and business matters, allowing you to learn the essentials of WPF from the ground up. Step-by-step instructions carefully walk you through the most common questions, issues, and tasks. The Q&A sections, quizzes, and exercises help you build and test your knowledge. By the Way notes present interesting pieces of information. Did You Know? tips offer advice or teach an easier way to do something. Watch Out! cautions advise you about potential problems and help you steer clear of disaster. Learn how to...

Use XAML to build user interfaces  
Leverage data binding to minimize tedious code  
Create visually engaging applications  
Architect and design WPF applications using proven patterns such as MVP  
Incorporate audio and video into your applications  
Customize controls with styles, templates, and animation  
Apply best practices for developing software with WPF  
Deploy WPF applications to the desktop and Web  
Take advantage of WPF's advanced printing capabilities  
Grow as a developer by improving your overall software design skills

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Computer programming with Java is easier than it looks. In just 24 lessons of one hour or less, you can learn to write computer programs in

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Java. Using a straightforward, step-by-step approach, popular author Rogers Cadenhead helps you master the skills and technology you need to create desktop and web programs, web services, an Android app, and even Minecraft mods in Java. Each lesson builds on what you've already learned, giving you a rock-solid foundation for real-world success. Full-color figures and clear step-by-step instructions visually show you how to program with Java. Quizzes and Exercises at the end of each chapter help you test your knowledge. Notes, Tips, and Cautions provide related information, advice, and warnings. Learn how to...

- Set up your Java programming environment
- Write your first working program in just minutes
- Control program decisions and behavior
- Store and work with information
- Build straightforward user interfaces
- Create interactive web programs
- Use threading to build more responsive programs
- Read and write files and XML data
- Master best practices for object-oriented programming
- Use Java 9's new HTTP client
- Use Java to create an Android app
- Expand your skills with closures
- Create Minecraft mods with Java Contents at a Glance

Part I Getting Started 1 Becoming a Programmer 2 Writing Your First Program 3 Vacationing in Java 4 Understanding How Java Programs Work

Part II Learning the Basics of Programming 5 Storing and Changing Information in a Program 6 Using Strings to Communicate 7 Using Conditional Tests to Make Decisions 8 Repeating an Action with Loops

Part III Working with Information in New Ways 9 Storing Information with Arrays 10 Creating Your First Object 11 Describing What Your Object is Like 12 Making the Most of Existing Objects

Part IV Moving into Advanced Topics 13 Storing Objects in Data Structures 14 Handling Errors in a Program 15 Creating a Threaded Program 16 Using Inner Classes and Closures

Part V Programming a Graphical User Interface 17 Building a Simple User Interface in Swing 18 Laying Out a User Interface 19 Responding to User Input

Part VI Writing Internet Applications 20 Reading and Writing Files 21 Using Java 9's New HTTP Client 22 Creating Java2D Graphics 23 Creating Minecraft Mods with Java 24 Writing Android Apps

Appendixes A Using the NetBeans Integrated Development Environment B Where to Go from Here Java Resources C This Book's Web Site D Fixing a Problem with the Android Studio Emulator

In just 24 sessions of one hour or less, Sams Teach Yourself Node.js in 24 Hours will help you master the Node.js platform and use it to build server-side applications with extraordinary speed and scalability. Using this text's straightforward, step-by-step approach, you'll move from basic installation, configuration, and programming all the way through real-time messaging between browser and server, testing and deployment. Every lesson and case-study application 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 Node.js development tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. By the Way notes present valuable additional 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...

- Create end-to-end applications entirely in JavaScript
- Master essential Node.js concepts like callbacks and quickly create your first program
- Create basic sites with the HTTP module and Express web framework
- Manage data persistence with Node.js and MongoDB
- Debug and test Node.js applications
- Deploy Node.js applications to thirdparty services, such as Heroku and Nodester
- Build powerful real-time solutions, from chat servers to Twitter clients
- Create JSON APIs using JavaScript on the server
- Use core components of the Node.js API, including processes, child processes, events, buffers, and streams
- Create and publish a Node.js module

In just 24 lessons of one hour or less, you will uncover the inner workings of TCP/IP. Using a straightforward, step-by-step approach, each lesson builds on the previous ones, enabling you to learn the essentials of TCP/IP from the ground up. Practical discussions provide an inside look at TCP/IP components and protocols. Step-by-step instructions walk you through many common tasks. Q&As at the end of each hour

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help you test your knowledge. Notes and tips point out shortcuts and solutions and help you steer clear of potential problems. If you're looking for a smart, concise introduction to the protocols that power the Internet, start your clock and look inside. Sams Teach Yourself TCP/IP in 24 Hours is your guide to the secrets of TCP/IP. Learn about... Protocols at each layer of the TCP/IP stack Routers and gateways IP addressing Subnetting TCP/IP networks Name resolution techniques TCP/IP utilities such as ping and traceroute TCP/IP over wireless networks IP version 6 The World Wide Web and how it works TCP/IP mail protocols such as POP3, IMAP4, and SMTP Casting, streaming, and automation Web services Detecting and stopping network attacks Part I: TCP/IP Basics Hour 1 What Is TCP/IP? 7 Hour 2 How TCP/IP Works 21 Part II: The TCP/IP Protocol System Hour 3 The Network Access Layer 35 Hour 4 The Internet Layer 47 Hour 5 Subnetting and CIDR 69 Hour 6 The Transport Layer 83 Hour 7 The Application Layer 107 Part III: Networking with TCP/IP Hour 8 Routing 121 Hour 9 Getting Connected 143 Hour 10 Firewalls 175 Hour 11 Name Resolution 185 Hour 12 Automatic Configuration 215 Hour 13 IPv6--The Next Generation 229 Part IV: TCP/IP Utilities Hour 14 TCP/IP Utilities 243 Hour 15 Monitoring and Remote Access 275 Part V: TCP/IP and the Internet Hour 16 The Internet: A Closer Look 297 Hour 17 HTTP, HTML, and the World Wide Web 305 Hour 18 Email 321 Hour 19 Streaming and Casting 339 Part VI: Advanced Topics Hour 20 Web Services 353 Hour 21 The New Web 363 Hour 22 Network Intrusion 375 Hour 23 TCP/IP Security 391 Hour 24 Implementing a TCP/IP Network--Seven Days in the Life of a Sys Admin 413 Index

In just 24 sessions of one hour or less, learn how to use today's key networking techniques and technologies to build, secure, and troubleshoot both wired and wireless networks. Using this book's straightforward, step-by-step approach, you master every skill you need—from working with Ethernet and Bluetooth to spam prevention to network troubleshooting. Each 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 networking tasks. Q&A sections at the end of each hour 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... Choose the right network hardware and software and use it to build efficient, reliable networks Implement secure, high-speed Internet connections Provide reliable remote access to your users Administer networks to support users of Microsoft, Linux, and UNIX environments Use low-cost Linux servers to provide file and print services to Windows PCs Protect your networks and data against today's most dangerous threats Use virtualization to save money and improve business flexibility Utilize RAID technologies to provide flexible storage at lower cost Troubleshoot and fix network problems one step at a time Preview and prepare for the future of networking

Learn from the newest, updated edition of the highly acclaimed introduction to HTML, Sams Teach Yourself HTML and CSS In 24 Hours. The seventh edition includes updates to introduce Cascading Style Sheets (CSS) in concert with HTML to produce quality web pages. You'll be able to study revisions that refine examples, as well as provide an enhanced integration with your web pages. You'll also gain a comprehensive understanding with new examples that match the current state of HTML. This carefully organized, well-written tutorial teaches beginning web page development skills, covering only those HTML and CSS tags that are likely to be used on creating a beginning web page. The 24 separate, one hour-long tutorials follow the process by which you should be creating your web page, building knowledge not only of how to create a web page, but building a general knowledge of how to use HTML and CSS in other projects as well. Chapters include: Understanding HTML and XHTML Creating Your Own Web Page Graphics Using Tables to Organize and Lay Out Your Pages Using Style Sheets for Page Layout Dynamic Web Pages

## Download Free Javascript In 24 Hours Sams Teach Yourself Sams Teach Yourself In 24 Hours

Each book provides the basic information that a motivated self-learner needs to study a particular computer subject. Original.

Twenty-four one-hour lessons explain the creation of Web pages using graphics, motion, interactivity, animation, tables and frames, sound, and video.

In just a short time, you can learn how to use HTML5, Cascading Style Sheets (CSS3), and JavaScript together to design, create, and maintain world-class websites. Using a straightforward, step-by-step approach, each lesson in this book builds on the previous ones, enabling you to learn the essentials from the ground up. Clear instructions and practical, hands-on examples show you how to use HTML to create the framework of your website, design your site's layout and typography with CSS, and then add interactivity with JavaScript and jQuery. Step-by-step instructions carefully walk you through the most common web 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 Learn how to... Build your own web page and get it online in an instant Format text for maximum clarity and readability Create links to other pages and to other sites Add graphics, color, and visual pizzazz to your web pages Work with transparent images and background graphics Design your site's layout and typography using CSS Get user input with web-based forms Use JavaScript to build dynamic, interactive web pages Add AJAX effects to your web pages Leverage JavaScript libraries such as jQuery Make your site easy to maintain and update as it grows Contents at a Glance Part I Getting Started on the Web 1 Understanding How the Web Works 2 Structuring an HTML Document 3 Understanding Cascading Style Sheets 4 Understanding JavaScript 5 Validating and Debugging Your Code Part II Building Blocks of Practical Web Design 6 Working with Fonts, Text Blocks, Lists, and Tables 7 Using External and Internal Links 8 Working with Colors, Images, and Multimedia Part III Advanced Web Page Design with CSS 9 Working with Margins, Padding, Alignment, and Floating 10 Understanding the CSS Box Model and Positioning 11 Using CSS to Do More with Lists, Text, and Navigation 12 Creating Fixed or Liquid Layouts Part IV Getting Started with Dynamic Sites 13 Understanding Dynamic Websites and HTML5 Applications 14 Getting Started with JavaScript Programming 15 Working with the Document Object Model (DOM) 16 Using JavaScript Variables, Strings, and Arrays 17 Using JavaScript Functions and Objects 18 Controlling Flow with Conditions and Loops 19 Responding to Events 20 Using Windows Part V Advanced JavaScript Programming 21 JavaScript Best Practices 22 Using Third-Party JavaScript Libraries and Frameworks 23 A Closer Look at jQuery 24 First Steps Toward Creating Rich Interactions with jQuery UI 25 AJAX: Remote Scripting Part VI Advanced Website Functionality and Management 26 Working with Web-Based Forms 27 Organizing and Managing a Website In just 24 lessons of one hour or less, you will be able to build full-featured production websites using Django, the

powerful web development framework based on Python. Designed for experienced website developers who have at least some familiarity with the Python programming language, this book uses a straightforward, step-by-step approach. Each lesson builds on the previous ones, enabling you to learn the essentials of implementing the Django framework on a website from the ground up. Step-by-step instructions carefully walk you through the most common Django tasks. Q&As, quizzes, and exercises at the end of each lesson help you test your knowledge. Notes and tips point out shortcuts and solutions. Learn how to...

- Install and configure the Django web development framework
- Cleanly separate data, logic, and view layers
- Implement site interfaces with build templates and views
- Utilize templates and views to store, access, and retrieve data
- Use the Django forms library
- Define custom tags and filters to minimize coding
- Secure sites with registration, authorization, logins, and permissions
- Manage sessions and cookies
- Implement middleware for request and response handling
- Create sitemaps to inform search engines of your content
- Internationalize your site
- Optimize performance with caching
- Deploy Django in multiple configurations
- Maintain sites with Django's administrator interface

Introduction 1 Part I: Creating the Website Framework Hour 1: Understanding Django 7 Hour 2: Creating Your First Website 19 Hour 3: Adding Models and Objects to Your Website 37 Hour 4: Creating the Initial Views 63 Part II: Implementing the Website Interface Hour 5: Using Data from the Database in Views 81 Hour 6: Configuring Web Page Views 103 Hour 7: Implementing Django Templates to Create Custom Views 117 Hour 8: Using Built-in Template Tags to Enhance Views 139 Hour 9: Using Built-in Template Filters to Enhance Views 155 Hour 10: Adding Forms to Views 185 Hour 11: Using Views to Add and Update Data in the Database 209 Hour 12: Utilizing Generic Views 231 Hour 13: Advanced View Configurations 269 Part III: Implementing a Full-Featured Website Hour 14: Managing Site Users 295 Hour 15: Adding Website Security 313 Hour 16: Managing Sessions and Cookies 333 Hour 17: Customizing Models in the Admin Interface 347 Hour 18: Customizing the Admin Interface 365 Part IV: Implementing Advanced Website Components Hour 19: Implementing Middleware 383 Hour 20: Internationalization and Localization 407 Hour 21: Creating Sitemaps 423 Hour 22: Implementing Multiple Websites 437 Hour 23: Configuring Caching 451 Hour 24: Deploying Django 465 Appendixes Appendix A: Django Resources 477 Appendix B: Django Form Field Objects 481 Appendix C: Formatting Dates and Times 491 Index 493

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.

Discusses how to use JavaScript 1.8+ to build dynamic Web pages, create scripts that work for all browsers, work with HTML5 and CSS3, and add Ajax effects to web pages.

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 HTML, CSS and JavaScript All in One The all-in-one HTML, CSS and JavaScript beginner's guide: covering the three most important languages for web development. Covers everything beginners need to know about the HTML and CSS standards and today's JavaScript and Ajax libraries - all in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest

JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and clearly, through brief, hands-on lessons focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

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.

The World's Easiest Java Script Tutorial—Fully Updated! JavaScript by Example, Second Edition, is the easiest, most hands-on way to learn JavaScript. Legendary programming instructor Ellie Quigley has thoroughly updated her classic book to deliver the skills and information today's JavaScript users need most—including up-to-the-minute coverage of JavaScript programming constructs, CSS, Ajax, JSON, and the latest JavaScript libraries and best practices. Quigley illuminates every technique with focused, classroom-tested code examples, detailed line-by-line explanations, and real program output. This exceptionally clear, easy-to-understand book takes you from your first script to advanced techniques. It's the only JavaScript book you'll ever need! New in This Edition End-of-chapter study tools, including classroom-tested labs Programming the DOM More Cascading Style Sheets Introduction to Ajax and JSON Explanation of how to develop interactive Web applications with dynamic, desktop-style interfaces Programmers' preparation for HTML 5's breakthrough capabilities This edition has been completely updated and includes many new and completely rewritten code examples; contains fully revised and updated coverage of Cascading Style Sheets (CSS) and the Document Object Model (DOM); and fully covers modern JavaScript concepts, principles, and programming techniques. Thousands of Web developers, administrators, and power users have relied on JavaScript by Example to become expert JavaScript programmers. With this new edition, you can, too—even if you're completely new to JavaScript. After you've become an expert, you'll turn to this book constantly as the best source for trustworthy answers, solutions, and code. Teach Yourself HTML, CSS, and JavaScript All in One combines these three fundamental web development technologies into one clearly written, carefully organized, step-by-step tutorial that expertly guides the beginner through these three interconnected technologies. In just a short time, you can learn how to use HTML, Cascading Style Sheets (CSS), and JavaScript together to design, create, and maintain world-class websites. Each lesson in this book builds on the previous ones, enabling you to learn the essentials from the ground up. Clear instructions and practical, hands-on examples show you how to use HTML to create the framework of your website, design your site's layout and typography

with CSS, and then add interactivity with JavaScript and jQuery. Step-by-step instructions carefully walk you through the most common web 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. Learn how to... Build your own web page and get it online in an instant Format text for maximum clarity and readability Create links to other pages and to other sites Add graphics, color, and visual pizzazz to your web pages Work with transparent images and background graphics Design your site's layout and typography using CSS Make elements move on your page with CSS transformations and transitions Animate with CSS and the HTML5 Canvas element Write HTML that's responsive web design-ready Design a site for mobile devices Use CSS media queries and breakpoints Get user input with web-based forms Use JavaScript to build dynamic, interactive web pages Add AJAX effects to your web pages Leverage JavaScript libraries such as jQuery Make your site easy to maintain and update as it grows

Sams Teach Yourself Beginning Programming in 24 Hours, Second Edition explains the basics of programming in the successful 24-Hours format. The book begins with the absolute basics of programming: Why program? What tools to use? How does a program tell the computer what to do? It teaches readers how to program the computer and then moves on by exploring the some most popular programming languages in use. The author starts by introducing the reader to the Basic language and finishes with basic programming techniques for Java, C++, and others.

Learn to create great-looking responsive web sites with Bootstrap In just 24 lessons of one hour or less, Sams Teach Yourself Bootstrap in 24 Hours helps you use the free and open source Bootstrap framework to quickly build websites that automatically reflect each user's device and experience, without complex hand crafting. This book's straightforward, step-by-step approach shows you how to install Bootstrap and quickly build basic sites; extend them with styles, components, and JavaScript plug-ins, and even create sophisticated designs with advanced features. In just a few hours, you'll be using Bootstrap to bring responsive design to virtually any site. 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 Bootstrap 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 solution Learn how to... Download Bootstrap and integrate it into your project Quickly build your first Bootstrap site with the basic template Create beautiful and responsive site layouts with Bootstrap's built-in grids Display more interesting text with labels, badges, panels, and wells Style tables and forms so they're attractive, readable, and responsive Use images, media, and icons, including free Glyphicons Quickly create navigation and buttons, including dropdowns and search fields Add alignment, color, and visibility with Bootstrap's CSS utilities Extend your site with alerts, image

carousels, and other JavaScript plugins Rapidly create appealing functional prototypes Customize Bootstrap with CSS, Less, and Sass Lighten Bootstrap downloads by stripping out unnecessary features Build accessible sites Create complex designs that don't look generic Who This Book is For Those who already have an understanding of the basics of HTML and CSS Having an understanding of JavaScript will make this book a bit easier to absorb, but it is not required because the basics of JavaScript are covered

The JavaScript Workshop is a definitive guide to learning JavaScript in a practical way. Starting with JavaScript's core syntax and structure, the book gradually builds up to more advanced concepts like server-side development and functional programming. With this book, you'll gain the confidence to tackle any real-world JavaScript challenge. 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.

Learn UML, the Unified Modeling Language, to create diagrams describing the various aspects and uses of your application before you start coding, to ensure that you have everything covered. Millions of programmers in all languages have found UML to be an invaluable asset to their craft. More than 50,000 previous readers have learned UML with Sams Teach Yourself UML in 24 Hours. Expert author Joe Schmuller takes you through 24 step-by-step lessons designed to ensure your understanding of UML diagrams and syntax. This updated edition includes the new features of UML 2.0 designed to make UML an even better modeling tool for modern object-oriented and component-based programming. The CD-ROM includes an electronic version of the book, and Poseidon for UML, Community Edition 2.2, a popular UML modeling tool you can use with the lessons in this book to create UML diagrams immediately.

Sams Teach Yourself JavaScript in 24 Hours, Sixth Edition New coverage of ECMAScript 6 In just 24 lessons of one hour or less, Sams Teach Yourself JavaScript in 24 Hours helps you learn the fundamentals of 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. Notes and tips point out shortcuts and solutions. Upgrade to the online Learning Lab edition of this book for just \$10 with purchase. See inside for details. Learn how to ... · Use JavaScript to build dynamic, interactive web pages · Debug scripts · Create scripts that

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work in all browsers · Write clear, reliable, and reusable code · Use object-oriented programming techniques · Script with the DOM · Access JSON data · Work with HTML5 and CSS3 · Leverage the popular jQuery library · Control CSS with simple JavaScripts · Read and write cookies · Use some of the new ECMAScript features today · Get started with frameworks such as AngularJS · Build browser add-ons and extensions Register your book at [informit.com/register](http://informit.com/register) for convenient access to updates, downloads, and corrections as they become available. Who This Book Is For Those who have at least a basic understanding of HTML and web page design in general and want to move on to adding some extra interactivity to your pages. Those who currently code in another programming language and want to see what additional capabilities JavaScript can add to your armory Someone who has never done any computer programming. Browse through an HTML primer before using this book. You don't need to be an HTML expert to use JavaScript but should have a basic understanding. Learn JavaScript in 24 Hours Covers JavaScript 1.8+, Ajax and jQuery In just 24 lessons of one hour or less, you can learn how to create dynamic, interactive Web pages with the popular and ubiquitous JavaScript web programming language. Using a straightforward, step-by-step approach, each lesson in this book clearly and carefully walks you through basic concepts and techniques, and helps you learn the essentials of JavaScript programming from the ground up. Learn how to... Use JavaScript to build dynamic, interactive Web pages Debug scripts Create scripts that work in all browsers Work with HTML5 and CSS3 Leverage the popular jQuery library Control CSS with simple JavaScripts Add Ajax effects to your web pages Script animations and music Step-by-step instructions carefully walk you through the most common JavaScript programming tasks Quizzes at end of every chapter help you build and test your knowledge Interactive online exercises let you practice what you learn at the Codecademy web site with no downloads or installation needed Sams Publishing has teamed up with Codecademy — the online place where anyone can learn and teach coding — to provide readers of Sams Teach Yourself JavaScript in 24 Hours with an exclusive area on the Codecademy web site where you can supplement what you've learned in this book with some fun, fully interactive exercises and projects. After reading a lesson in the book you can roll up your sleeves and get some hands-on coding experience at [codecademy.com/tracks/teachyourself](http://codecademy.com/tracks/teachyourself)

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.

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

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“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](http://informit.com/register) for convenient access to the two bonus chapters online, downloads, updates, and/or corrections as they become available.

The easy, step-by-step tutorial for developers who want to write rich mobile apps for smartphones and tablets using the new HTML5 standard

- \* A complete hands-on introduction to mobile HTML5 programming: helps developers master one of tomorrow's most valuable, 'in-demand' new skills.
- \* Teaches practical skills that will be valuable for development on most contemporary mobile platforms, including iPad/iPhone (iOS), Android, and Windows Phone 7.
- \* Especially focused on HTML5 features already supported in today's web browsers. Using HTML5, developers can build rich, robust mobile apps that run on smartphones, tablets, and other devices, and interact with users in powerful new ways. In just 24 lessons of one hour or less, this easy, practical book will help them master modern mobile development with HTML5. Building on what they already know about HTML4, CSS, and JavaScript, it covers all the basics of building web pages with HTML5, shows how to extend those pages with innovative new features, and then walks through building complete apps targeted at diverse mobile devices. Coverage includes:
- \* Understanding how HTML5 improves mobile development.
- \* Detecting mobile devices and HTML5 support, and upgrading sites to support them.
- \* Styling and building mobile pages with HTML5.
- \* Using the canvas, typography, audio/video, and forms
- \* Adding microformats, drag-and-drop, and other advanced features.
- \* Designing efficient mobile apps.
- \* Using advanced Web Application APIs and web storage.
- \* Integrating geolocation into mobile apps

Step-by-step instructions walk readers through key tasks... Q and As, Quizzes, and Exercises test their knowledge... 'Did You Know?' tips offer insider advice... 'Watch Out!' alerts help them avoid problems. By the time they're finished, readers won't just understand core HTML5 concepts: they'll be comfortable designing and writing their own new mobile apps

In just 24 sessions of one hour or less, Sams Teach Yourself Python in 24 Hours will help you get started fast, master all the core concepts of programming, and build anything from websites to games. Using this book's straightforward, step-by-step approach, you'll move from the absolute basics through functions, objects, classes, modules, database integration, and more. Every lesson and case study application 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 Python 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. Warnings alert you to possible problems and give you advice on how to avoid them. Learn how to... Install and run the right version of Python for your operating system Store, manipulate, reformat, combine, and organize information Create logic to control how programs run and what they do Interact with users or other programs, wherever they are Save time and improve reliability by creating reusable functions Master Python data types: numbers, text, lists, and dictionaries Write object-oriented programs that work better and are easier to improve Expand Python classes to make them even more powerful Use third-party modules to perform complex tasks without writing new code Split programs to make them more maintainable and reusable Clearly document your code so others can work with it Store data in SQLite databases, write queries, and share data via JSON Simplify Python web development with the Flask framework Quickly program Python games with PyGame Avoid,

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troubleshoot, and fix problems with your code

jQuery is the easiest way for new web developers to start adding JavaScript programs and effects to their web pages -- and Sams Teach Yourself jQuery in 24 Hours is the easiest way for you to master jQuery. In just 24 lessons of one hour or less, this book will help non-programmers leverage jQuery's power in tasks ranging from simple effects to complex forms. Each short, easy lesson builds on all that's come before, teaching jQuery's latest features and add-ons from the ground up, in the context of delivering real solutions. The book carefully explains how JavaScript libraries like jQuery work, and guides you through downloading, installing, and fully utilizing jQuery. You learn how to: Create animations, effective, slideshows, and lightboxes Use jQuery plugins Create sortable lists, resizable images, and drag-and-drop page elements Build interactive forms with Ajax Communicate with server scripts Step-by-step instructions walk you through common questions, issues, and tasks... Q and As, Quizzes, and Exercises build and test your knowledge... "Did You Know?" tips offer insider advice and shortcuts... and "Watch Out!" alerts help them avoid problems. By the time you are finished, you'll be comfortable going beyond the book to solve a wide variety of problems.

Starter Kit Includes C++ compiler and IDE for Windows, Mac & Linux In just 24 lessons of one hour or less, you can learn the basics of programming with C++—one of the most popular and powerful programming languages ever created. Using a straightforward, step-by-step approach, this fast and friendly tutorial teaches you everything you need to know, from installing and using a compiler, to debugging the programs you've created, to what's coming in C++0x, the next version of C++. Each lesson builds on what you've already learned, giving you a solid understanding of the basics of C++ programming concepts and techniques. Step-by-step instructions carefully walk you through the most common C++ programming tasks Quizzes and Exercises at the end of each chapter help you test yourself to make sure you're ready to go on Starter Kit software provides everything you need to create and compile C++ programs on any platform—Windows, Mac or Linux Learn how to... Install and use a C++ compiler for Windows, Mac OS X or Linux Build object-oriented programs in C++ Master core C++ concepts such as functions, classes, arrays, and pointers Add rich functionality with linked lists and templates Debug your programs for flawless code Learn exception and error-handling techniques Discover what's new in C++0x, the next version of C++ Jesse Liberty is the author of numerous books on software development, including best selling titles on C++ and .NET. He is the president of Liberty Associates, Inc. where he provides custom programming, consulting, and training. Rogers Cadenhead is a web application developer who has written many books on Internet-related topics, including Teach Yourself Java in 24 Hours. He maintains this book's official website at <http://cplusplus.cadenhead.org>. CD-ROM Includes C++ compiler Visual development environment for Windows, Mac and Linux Source code for the book's examples Register your book at [informit.com/register](http://informit.com/register) for convenient access to updates and corrections as they become available.

In just a short time, you can learn how to use Ajax, JavaScript, and PHP to create interactive interfaces to your web applications by combining these powerful technologies. No previous Ajax programming experience is required. Using a straightforward, step-by-step approach, each lesson in this book builds on the previous ones, enabling you to learn the essentials of Ajax programming with JavaScript, PHP, and related technologies from the ground up. Regardless of whether you run Linux, Windows, or Mac OS X, the enclosed CD includes a complete Ajax programming starter kit that gives you all the programming tools, reference information, JavaScript libraries, and server software you need to set up a stable environment for learning, testing, and production. Learn how to... Build better, more interactive interfaces for your web applications Make JavaScript, HTML, XML, and PHP work together to create Ajax effects Compile an Ajax application Create

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and consume web services with SOAP and REST Avoid common errors and troubleshoot programs Use popular Ajax libraries to speed up and improve common programming tasks On the CD XAMPP for Windows, Mac OS X, and Linux—an easy-to-install package to set up a PHP- and MySQL-enabled Apache server on your computer The jEdit programming editor for Windows, Mac, and Linux Prototype, Scriptaculous, Rico, and XOAD—popular JavaScript libraries for creating Ajax applications and effects A complete Ajax, HTML, XML, and PHP tutorial reference library in searchable PDF format Source code for the examples in the book Phil Ballard is a software engineering consultant and developer specializing in website and intranet design and development for an international portfolio of clients. He has an honors degree from the University of Leeds, England, and has worked for several years in commercial and managerial roles in the high technology sector. Michael Moncur is a freelance webmaster and author. He runs a network of websites and has written several bestselling books about web development, networking, certification programs, and databases. Category: Web Development Covers: Ajax, JavaScript and PHP User Level: Beginning–Intermediate

NoSQL database usage is growing at a stunning 50% per year, as organizations discover NoSQL's potential to address even the most challenging Big Data and real-time database problems. Every NoSQL database is different, but one is the most popular by far: MongoDB. Now, in just 24 lessons of one hour or less, you can learn how to leverage MongoDB's immense power. Each short, easy lesson builds on all that's come before, teaching NoSQL concepts and MongoDB techniques from the ground up. Sams Teach Yourself NoSQL with MongoDB in 24 Hours covers all this, and much more: Learning how NoSQL is different, when to use it, and when to use traditional RDBMSes instead Designing and implementing MongoDB databases of diverse types and sizes Storing and interacting with data via Java, PHP, Python, and Node.js/Mongoose Choosing the right NoSQL distribution model for your application Installing and configuring MongoDB Designing MongoDB data models, including collections, indexes, and GridFS Balancing consistency, performance, and durability Leveraging the immense power of Map-Reduce Administering, monitoring, securing, backing up, and repairing MongoDB databases Mastering advanced techniques such as sharding and replication Optimizing performance

Offers software developers step-by-step instructions on how to create and distribute their first marketable, professional Android application. An overview of XML technology offers exercises on displaying XML files in HTML, embedding XML code into HTML-based Web pages, working with Extensible Style Sheets, querying XSL, and designing an online store.

Concise lessons explain how to use jQuery mobile to create mobile sites that display on different devices, covering how to style user interfaces, use scannable QRs and tag codes, and work with device emulators.

Write Windows 8 Metro apps capable of running on one billion devices -- and do it with familiar HTML5 and JavaScript technologies! Sams Teach Yourself Windows 8 Metro Apps with JavaScript and HTML5 in 24 Hours is the fastest way for web and Windows developers to profit from the massive new Windows 8/Metro opportunity. Microsoft MVP Chad Carter teaches every facet of HTML5/JavaScript Metro development simply and clearly, through 24 concise, hands-on lessons focused on knowledge you can apply immediately. Each lesson builds on what's come before, helping you get practical results fast! You'll learn how HTML5, JavaScript, and CSS3 fit into Metro development... how to quickly master Metro design and start using Microsoft's powerful Metro templates... what you need to know about WinRT and WinJS... how to build high-performance Metro apps... how to handle tablet and smartphone form factors, touch, and sensors... how to bind data to apps, and store it locally or remotely... how to manage app lifecycle events... how to make the most of Metro's innovative UI features... and much more. Carter walks you through constructing apps and games from start to finish, and even shows how to get them certified for sale at the Windows

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Store. Step-by-step instructions walk readers through key tasks... Q-and-As, Quizzes, and Exercises test their knowledge... "Did You Know?" tips offer insider advice... "Watch Out!" alerts help them avoid problems. By the time they're finished, readers will be comfortable with every phase of Windows 8 Metro development -- from planning apps through earning revenue!

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