

## Sams Teach Yourself Mysql In 10 Minutes

This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. In just 24 lessons of one hour or less, you will learn professional techniques to design and build efficient databases and query them to extract useful information. Using a straightforward, step-by-step approach, each lesson builds on the previous one, allowing you to learn the essentials of ANSI SQL from the ground up. Example code demonstrates the authors' professional techniques, while exercises written for MySQL offer the reader hands-on learning wi.

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

The Fifth Edition of Sams Teach Yourself SQL in 21 Days More than 48,000 sold! In just one hour a day, you'll have all the skills you need to begin creating effective SQL queries, reports, and database applications. With this complete tutorial, you'll quickly master the basics and then move on to more advanced features and concepts: Quickly apply essential SQL techniques in useful, real-world queries Design trustworthy, high-performance databases Manipulate your data with views and transactions Leverage powerful features including stored procedures, triggers, and cursors Work with new objects introduced with the latest SQL standards Get practical, expert tips on implementing SQL in your business environment Learn on your own time, at your own pace No previous SQL or database experience required Learn techniques that work with any current version of SQL Discover how to write faster, more efficient queries Secure your data using best practices from experienced database administrators Build more powerful databases with features exclusive to Oracle SQL\*Plus, Oracle PL/SQL, and Microsoft Transact-SQL Write queries for the free, open source MySQL database Embed your SQL code in other applications

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 Introduction 1 Part I Getting Started 1 What WPF Is and Isn't 5 2 Understanding XAML 17 3 Introducing the Font Viewer 27 4 Handling Application Layout 41 5 Using Basic Controls 59 6 Introducing Data Binding 75 Part II Reaching the User 7 Designing an Application 93 8 Building a Text Document Editor 107 9 Getting a Handle on Events 121 10 Commands 145 11 Output 157 Part III Visualizing Data 12 Building a Contact Manager 177 13 Presenters and Views 193 14 Resources and Styles 211 15 Digging Deeper into Data Binding 229 16 Visualizing Lists 251 Part IV Creating Rich Experiences 17 Building a Media Viewer 267 18 Drawing with Shapes 291 19 Colors and Brushes 315 20 Transforms and Effects 331 21 Using Control Templates 347 22 Triggers 369 23 Animation 383 24 Best Practices 407 Part V Appendixes Appendix A: Tools and Resources 423 Appendix B: 3D Tutorial Using ZAM 3D 427 Appendix C: Project Source (downloadable) 437 Index 439

This book/DVD bundle consists of the book "Sams Teach Yourself PHP, MySQL, and Apache All in One" and the video course "Sams Teach Yourself PHP and MySQL: Video Learning Starter Kit." The kit provides four hours of video training and lessons, along with all the source files and software the beginner needs to create and run the examples.

Provides information on using HTML, CSS, and JavaScript to design, create, and maintain Web sites, including formatting text, working with multimedia, and using external and internal links, with practical examples and exercises.

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

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

A new edition of this title is available, ISBN-10: 0672330180 ISBN-13: 9780672330186 "Sams Teach Yourself SQL in 24 Hours, Third Edition" presents the key features of SQL (Structured Query Language) in an easy to understand format with updated code examples, notes, diagrams, exercises, and quizzes. New material covers more information on transactions, constructs, embedded databases, and object-oriented programming. In this edition, the authors include examples based on a database like MySQL, a very popular open source database. Sams Teach Yourself MySQL in 10 Minutes Sams Publishing

Now at over 5 million downloads and widely used at all levels, MySQL continues to grow in popularity. Readers are hungry for a concise, easily accessible tutorial on MySQL basics that allows them to get up and running quickly. While there are many MySQL books on the market, there are no up-to-date books that meet this need for the reader. Furthermore, sales of MySQL books clearly shows the need for a concise, handy tutorial versus the more bulky introductions to MySQL. Sams Teach Yourself MySQL in 10 Minutes provides a no-fluff, just-the-answers guide to building and managing MySQL databases.

MySQL is the most widely installed open-source database. Approximately 3.5 million MySQL servers are in use and more than 45% of databases used on Linux worldwide are MySQL databases. Its latest version, MySQL 4.1 closes the gap between MySQL and other, more sophisticated databases. Version 4.1 permits the use of MySQL as an embedded database, which means it can be compiled into another application and used in a range of devices. The second edition of Sams Teach Yourself MySQL in 21 Days has been completely rewritten by a new author. The book enables a reader to create powerful databases using MySQL. He will not only learn how to integrate MySQL into a database-driven Web site, but also how to embed MySQL into other compiled applications.

Demonstrates the features of the SQL-based relational database system, covering configuration, integration with third-party tools, and Web page generation as well as column types, operators, functions, and syntax.

In just a short time, you can learn how to use PHP, MySQL, and JavaScript together to create dynamic, interactive websites and applications using three leading web development technologies. No previous 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 full-stack web application development – from HTML, CSS, and JavaScript on the front end, to PHP scripting and MySQL databases on the server. Regardless of whether you run Linux, Windows, or MacOS, the book includes complete instructions to install all the software you need to set up a stable environment for learning, testing, and production. Step-by-step instructions carefully walk you through the most common web application 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 web pages with HTML5 and CSS
- Use JavaScript to build dynamic, interactive web pages
- Get PHP, MySQL, and JavaScript to work together to create modern, standards-compliant web applications
- Enhance interactivity with AJAX
- Leverage JavaScript libraries such as jQuery
- Work with cookies and user sessions
- Get user input with web-based forms
- Use basic SQL commands
- Interact with the MySQL database using PHP
- Write maintainable code and get started with version control
- Decide when frameworks such as Bootstrap, Foundation, React, Angular, and Laravel can be useful
- Create a web-based discussion forum or calendar
- Add a storefront and shopping cart to your site

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Describes the features and functions of MySQL 5.0 and includes quick reference lists and tables.

Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, Learning SQL, Second Edition, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will:

- Move quickly through SQL basics and learn several advanced features
- Use SQL data statements to generate, manipulate, and retrieve data
- Create database objects, such as tables, indexes, and constraints, using SQL schema statements
- Learn how data sets interact with queries, and understand the importance of subqueries
- Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements

Knowledge of SQL is a must for interacting with

data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work.

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.

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.sampublishing.com/register](http://www.sampublishing.com/register) to download examples and source code from this book.

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

In just 24 lessons of one hour or less, you will learn professional techniques to design and build efficient databases and query them to extract useful information. Using a straightforward, step-by-step approach, each lesson builds on the previous one, allowing you to learn the essentials of ANSI SQL from the ground up. Example code demonstrates the authors' professional techniques, while exercises written for MySQL offer the reader hands-on learning with an open-source database. Included are advanced techniques for using views, managing transactions, database administration, and extending SQL. Step-by-step instructions carefully walk you through the most common SQL tasks. Q&As, Quizzes, and Exercises at the end of each chapter help you test your knowledge. Notes and Tips point out shortcuts and solutions. New terms are clearly defined and explained. Learn how to... Use SQL-2003, the latest standard for the Structured Query Language Design and deploy efficient, secure databases Build advanced queries for information retrieval Sort, group, and summarize information for best presentation Tune databases and queries for maximum performance Understand database administration and security techniques For more than ten years the authors have studied, applied, and documented the SQL standard and its application to critical database systems. Ryan Stephens and Ron Plew are entrepreneurs, speakers, and cofounders of Perpetual Technologies, Inc. (PTI), a fast-growing IT management and consulting firm which specializes in database technologies. They taught database courses for Indiana University—Purdue University in Indianapolis for five years and have authored more than a dozen books on Oracle, SQL, database design, and the high availability of critical systems. Arie D. Jones is Senior SQL Server database administrator and analyst for PTI. He is a regular speaker at technical events and has authored several books and articles. Category: Database Covers: ANSI SQL User Level: Beginning—Intermediate Register your book at [informit.com/title/9780672330186](http://informit.com/title/9780672330186) for convenient access to updates and 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.

In just a short time, you can learn how to use PHP, MySQL, and JavaScript together to create dynamic, interactive websites and applications using three leading web development technologies. No previous 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 full-stack web application development - from HTML, CSS, and JavaScript on the front end, to PHP scripting and MySQL databases on the server. Regardless of whether you run Linux, Windows, or MacOS, the book includes complete instructions to install all the software you need to set up a stable environment for learning, testing, and production. Step-by-step instructions carefully walk you through the most common web application 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 web pages with HTML5 and CSS \* Use JavaScript to build dynamic, interactive web pages \* Get PHP, MySQL, and JavaScript to work together to create modern, standards-compliant web applications \* Enhance interactivity with AJAX \* Leverage JavaScript libraries such as jQuery \* Work with cookies and user sessions \* Get user input with web-based forms \* Use basic SQL commands \* Interact with the MySQL database using PHP \* Write maintainable code and get started with version control \* Decide when frameworks such as Bootstrap, Foundation, React, Angular, and Laravel can be useful \* Create a web-based discussion forum or calendar \* Add a storefront and shopping cart to your site Contents at a Glance PART I Web Application Basics 1 Understanding How the Web Works 2 Structuring HTML and Using Cascading Style Sheets 3 Understanding the CSS Box Model and Positioning 4 Introducing JavaScript 5 Introducing PHP PART II Getting Started with Dynamic Web Sites 6 Understanding Dynamic Web Sites and HTML5 Applications 7 JavaScript Fundamentals: Variables, Strings, and Arrays 8 JavaScript Fundamentals: Functions, Objects, and Flow Control 9 Understanding JavaScript Event Handling 10 The Basics of Using jQuery PART III Taking Your Web Applications to the Next Level 11 AJAX: Getting Started with Remote Scripting 12 PHP Fundamentals: Variables, Strings, and Arrays 13 PHP Fundamentals: Functions, Objects, and Flow Control 14 Working with Cookies and User Sessions 15 Working with Web-Based Forms PART IV Integrating a Database into Your Applications 16 Understanding the Database Design Process 17

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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

Explains how to create Web sites using the PHP scripting language, the MySQL database system, and the Apache Web server on a Windows, Linux, or Mac system.

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 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

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.

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

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.

Sams Teach Yourself MySQL in 10 Minutes provides a no-fluff, just-the-answers guide to building and managing MySQL databases. It is carefully organized and thoughtfully written to provide just the information that you need in order to gain a rapid working knowledge of MySQL. Get up to speed quickly with Sams Teach Yourself MySQL in 10 Minutes.

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

MySQL is the most widely installed open-source database. Approximately 3.5 million MySQL servers are in use and more than 45% of databases used on Linux worldwide are MySQL databases. Its latest version, MySQL 4.1, closes the gap between MySQL and other, more sophisticated databases. The second edition of Sams Teach Yourself MySQL in 21 Days has been completely rewritten by a new author. The book enables a reader to create powerful databases using MySQL. He will not only learn how to integrate MySQL into a database-driven Web site, but also how to embed MySQL into other compiled applications.

Explains how to create Web sites using the PHP scripting language, the MySQL database system, and the Apache Web server on a Windows or Linux system.

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

Readers will learn the fundamentals of SQL quickly through the use of countless examples depicting all the major components of SQL. Using step-by-step instructions, real-world examples, and expert advice, the authors show how to improve productivity and take skills to new heights.

Learn HTML5 and CSS3 in 24 one-hour lessons! Sams Teach Yourself HTML and CSS in 24 Hours is a well-organized, clearly written, and generously illustrated tutorial that teaches beginners how to quickly create great-looking web pages using HTML5 and CSS3. With a practical, jargon-free focus on quickly getting web pages created and published to the web, the book's 24 one-hour lessons carefully guide the reader through each step involved in creating, enhancing, and maintaining web sites of all types and sizes. The ninth edition of Sams Teach Yourself HTML and CSS in 24 Hours brings the entire book in line with the HTML5 and CSS3 specifications and capabilities and includes fresh material and examples that take full advantage of the book's full-color layout and design. Anyone who completes the lessons in this book can have his or her web pages be among those that appear on the Internet. In fact, within the first two lessons in this book, someone with no previous HTML experience at all can have a web page ready to go online. If you like learning by doing, this is the book for you. It organizes lessons in the basics of HTML5 and CSS3 into simple steps and then shows you exactly how to tackle each step. Many of these HTML code examples are

accompanied by pictures of the output produced by the code. You see how it's done, you read a clear, concise explanation of how it works, and then you immediately do the same thing with your own page. A few minutes later, you're on to the next step. 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 Publicize your site and make it search-engine friendly Test a website for compatibility with different browsers Make your site easy to maintain and update as it grows Use HTML5 semantic tags to better structure your pages Create columns with CSS Add HTML5-based video and audio to your site Use CSS3 transforms, transitions, and animations to create great visual effects Use HTML5's powerful form validation capability 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 Part II: Building Blocks of HTML 4 A Closer Look at HTML5 Page Structure 5 Working with Text Blocks and Lists 6 Working with Fonts 7 Working with Colors and Borders 8 Using External and Internal Links 9 Using Tables and Columns 10 Creating Images for Use on the Web 11 Using Images in Your Web Site 12 Using Multimedia in Your Web Site Part III: Advanced Web Page Design with CSS 13 Working with Margins, Padding, Alignment, and Floating 14 Understanding the CSS Box Model and Positioning 15 Creating Fixed or Liquid Layouts 16 Using CSS to Do More with Lists 17 Using CSS to Design Navigation 18 Using Mouse Actions to Modify Text Display 19 Implementing CSS3 Transforms, Transitions, and Animations PART IV: Advanced Web Site Functionality and Management 20 Creating Print-Friendly Web Pages 21 Understanding Dynamic Web Sites and HTML5 Applications 22 Working with Web-Based Forms 23 Organizing and Managing a Web Site 24 Helping People Find Your Web Pages

In just 24 sessions of one hour or less, you'll learn how to use SQL to build effective databases, efficiently retrieve your data, and manage everything from performance to security! Using this book's straightforward, step-by-step approach, you'll learn hands-on through practical examples. Each lesson builds on what you've already learned, giving you a strong real-world foundation for success. The authors guide you from the absolute basics to advanced techniques—including views, transactions, Web data publishing, and even powerful SQL extensions for Oracle and Microsoft SQL Server! Step-by-step instructions carefully walk you through the most common SQL 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...

Understand what SQL is, how it works, and what it does Define efficient database structures and objects "Normalize" raw databases into logically organized tables Edit relational data and tables with DML Manage database transactions Write effective, well-performing queries Categorize, summarize, sort, group, and restructure data Work with dates and times Join tables in queries, use subqueries, and combine multiple queries Master powerful query optimization techniques Administer databases and manage users Implement effective database security Use views, synonyms, and the system catalog Extend SQL to the enterprise and Internet Master important Oracle and Microsoft SQL Server extensions to ANSI SQL

A collection of exercises explains how to use Structured Query Language to work within a relational database system, while discussing security, data manipulation, and user management.

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