

## MySQL Database Tutorial Part 01 Database Table

This MySQL tutorial book is a collection of notes and sample codes written by the author while he was learning MySQL himself, an ideal tutorial guide for beginners. Topics include introduction of Structured Query Language (SQL); installation of MySQL server on Windows, Linux, and macOS; using MySQL client program; accessing MySQL server from PHP, Java and Perl programs; SQL data types, literals, operations, expressions, and functions; Statements of Data Definition Language (DDL), Data Manipulation Language (DML), and Query Language; creating and using indexes; using window functions; stored procedures; transaction management; locks and deadlocks; InnoDB and other storage engines. Updated in 2022 (Version v4.43) with minor changes. For latest updates and free sample chapters, visit <https://www.herongyang.com/MySQL>.

How you can read the advanced visualization tools? If you are sure you know how drawing it is to learn by yourself. Generally, books and books follow an encyclopedia approach, i.e., books attempt to teach every feature about a coding language or tool. This implies hundreds, if not thousands of pages simply to tackle a single topic, whether SQL, Python, MS Excel, MS PowerPoint, you name it. The journey from zero to hero to become proficient using numerical and visualization tools to take your career to the next level becomes an ordeal that requires years and thousands of pages just to begin putting the pieces of the puzzle together. However, the reality is that you do not need to learn absolutely every available feature to use those tools and deliver a superior project. Rather than teaching you about the forest, I will discuss specific trees. Why? Because once you become familiar and confident nurturing a few trees, growing a forest becomes a simple process of planting new trees. This book provides the fundamental blocks so that you can learn about financial data science and take these tools and start using them tomorrow. The scope of the selected tools will empower you to see a considerable improvement in your financial modeling skills. The book is designed to provide corporate finance professionals the ability to start immediately using advance tools for concrete real-world tasks. Therefore, this book is all about functioning. It is about providing you with tools that will put you and data dramatically change the way you analyze data. Once you see the benefits, it will become natural to keep expanding your domain knowledge, leveraging today's endless available educational resources.

This Perl tutorial book is a collection of notes and sample codes written by the author while he was learning Perl language himself. Topics include introduction of ActivePerl; data types, variables and expressions; scalars, arrays, hash maps, and references; input/output and file systems; DBM files and MySQL access; socket communication; generating executables; XML:Simple and RPC:XML modules; LWP:UserAgent, HTTP:Request and SOAP:Lite modules; CGI, and IIS/Apache integrations. Updated in 2022 (Version v6.01) with minor updates. For latest updates and free sample chapters, visit <https://www.herongyang.com/Perl>.

From the Introduction: This book will be useful to those just now contemplating an online program for their institution. The examples included in this book provide the practical food for thought that should precede and stoke strategic planning. For further information on a particular program, the authors have generously included their e-mail addresses with their biographical information. We hope the programs described in this book provide some modicum of inspiration and guidance as you travel into the realm of online information literacy instruction.

Documentation from the Source

Beginning PHP 5.3

Learning MySQL and MariaDB

Information Literacy Programs in the Digital Age

The Fast Tutorial to Learn Database Programming Using Python GUI with Access and SQL Server

Murach's MySQL

While there have been quite a few attempts to get JavaScript working as a server-side language, Node.js (frequently just called Node) has been the first environment that's gained any traction. It's now used by companies such as Netflix, Uber and PayPal to power their web apps. Node allows for blazingly fast performance, thanks to its event loop model, common tasks like network connection and database I/O can be executed very quickly indeed. In this book, we'll take a look at a selection of the related tools and skills that will make you a much more productive and functional JavaScript developer. It contains: Unit Test Your JavaScript Using Mocha and Chai by Jani Havukainen An Introduction to Functional JavaScript by M. David Green An Introduction to Gulp.js by Craig Buckler A Side-by-side Comparison of Express, Koa and Hapi.js by Olavinka Omole An Introduction to Sails.js by Ahmed Bouchehra Building Apps and Services with the Hapi.js Framework by Mark Brown Create New Express.js Apps in Minutes with Express Generator by Paul Sauve Local Authentication Using Passport in Node.js by Paul Orac An Introduction to MongoDB by Manjunath M This book is for anyone who wants to start learning server-side development with Node.js. Familiarity with JavaScript is assumed.

Contents: This volume among others covers the following topics : - Advanced design of user interfaces - Tree representations - Modularization of user interfaces - Interventions in the program flow - Development of business graphics - Dynamic Link Libraries (DLLs) - Internet traffic using the Indy framework - Database development By numerous characteristic application examples the reader is quickly enabled to create individual applications with Lazarus by himself. Of course, typical pitfalls are clearly pointed out. A further volume, which among other things deals with software technological aspects, is in planning. Further information about the book can be found at [okomediendebuecher/informatik--computer-science/lazargetz](http://okomediendebuecher/informatik--computer-science/lazargetz) Topics of computer science, mathematics, engineering and natural sciences, both beginners and those who are changing to other programming languages or development environments, who would like to get to know the possibilities of the free development environment Lazarus more intensively or are planning to switch to this development tool.

In Tutorial 1, you will start building a Visual C# interface for database management system project with SQL Server. The database, named DBMS, is created. The designed interface in this tutorial will used as the main terminal in accessing other forms. This tutorial will also discuss how to create login form and login table. In Tutorial 2, you will build a project, as part of database management system, where you can store information about valuables in school. In Tutorial 3 up to Tutorial 4, you will perform the steps necessary to add 6 tables into DBMS database. You will build each table and add the associated fields as needed. In this tutorials, you will create a high school database project, as part of database management system, where you can store all information about school including parent, teacher, student, subject, and title, and grade.

This book aims to develop a MySQL-driven desktop application that readers can develop for their own purposes to implement library project using Visual Basic .NET. In Tutorial 1, you will build a Visual Basic interface for the database. This interface will used as the main terminal in accessing other forms. This tutorial will also discuss how to create login form and login table. You will create login form. Place on the form one picture box, two labels, one combo box, one text box, and two buttons. In Tutorial 2, you will build a school inventory project where you can store information about valuables in school. The table will have nine fields: Item (description of the item), Quantity, Location (where the item was placed), Shop (where the item was purchased), DatePurchased (when the item was purchased), Cost (how much the item cost), SerialNumber (serial number of the item), PhotoFile (path of the photo file of the item), and Fragile (indicates whether a particular item is fragile or not). In Tutorial 3, you will perform the steps necessary to add 5 new tables using phpMyAdmin into Academy database. You will build each table and add the associated fields as needed. Every table in the database will need input form. In this tutorial, you will build such a form for Author table. Although this table is quite simple (only four fields: AuthorID, Name, BirthDate, and PhotoFile), it provides a basis for illustrating the many steps in interface design. SQL statement is required by the Command object to read fields (sorted by Name). Then, you will build an interface so that the user can maintain the Publisher table in the database (Academy). The Publisher table interface is more or less the same as Author table interface. This Publisher table interface only requires more input fields. So you will use the interface for the Author table and modify it for the Publisher table. In Tutorial 4, you will perform the steps necessary to design and implement title form, library member form, and book borrowal form. You start by designing and testing the basic entry form for book titles. The Title table has nine fields: BookTitle, PublishYear, ISBN, PublisherID, AuthorID, Description, Note, Subject, and Comment. Then, you will build such a form for Member table. This table has twelve fields: MemberID, FirstName, LastName, BirthDate, Status, Ethnicity, Nationality, Mobile, Phone, Religion, Gender, and PhotoFile. You need thirteen label controls, one picture box, six text boxes, four comboxes, one check box, one date time picker, one openfiledialog, and one printpreviewdialog. You also need four buttons for navigation, six buttons for controlling editing features, one button for searching member's name, and one button to upload member's photo. Finally, you will build such a form for Borrow table. This table has seven fields: BorrowID, MemberID, BorrowCode, ISBN, BorrowDate, ReturnDate, and Penalty. In this form, you will need fourteen label controls, seven text boxes, two comboxes, two date time pickers, and one printpreviewdialog. You also need four buttons for navigation, seven buttons for other utilities, one button to generate borrowal code, and one button to return book.

MySQL Tutorials for Beginners Basic to Advanced MySQL Languages

Learning MySQL

Node.js: Related Tools & Skills

VISUAL C# .NET AND DATABASE

Two Books In One: LEARN FROM SCRATCH VISUAL BASIC .NET WITH MYSQL

Learning SQL

MySQL is the most popular Open Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. This tutorial will give you a quick start to MySQL and make you comfortable with MySQL programming. This tutorial is prepared for the beginners to help them understand the basic-to-advanced concepts related to MySQL languages. Before you start doing practice with various types of examples given in this tutorial, it is being assumed that you are already aware about what a database is, especially an RDBMS and what is a computer programming language.

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.

Practical SQL is an approachable and fast-paced guide to SQL (Structured Query Language), the standard programming language for defining, organizing, and exploring data in relational databases. The book focuses on using SQL to learn the story your data tells, with the popular open-source database PostgreSQL and the pgAdmin interface as its primary tools. You'll first cover the fundamentals of databases and the SQL language, then build skills by analyzing data from the U.S. Census and other federal and state government agencies. With exercises and real-world examples in each chapter, this book will teach even those who have never programmed before all the tools needed to make powerful database queries quickly and efficiently. You'll learn how to: - Create databases and related tables using your own data - Define the right data types for your information - Aggregate, sort, and filter data to find patterns - Use basic math and advanced statistical functions - Identify errors in data and clean them up - Import and export data using delimited text files - Write queries for geographic information systems (GIS) - Create advanced queries and automate tasks Learning SQL doesn't have to be dry and complicated. Practical SQL delivers clear examples with an easy-to-follow approach to teach you the tools you need to build and manage your own databases. This book uses PostgreSQL, but the SQL syntax is applicable to many database applications, including Microsoft SQL Server and MySQL.

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

Designing Professional Database Management Systems Using MS Access 2016 & MySQL

Master SQL Fundamentals

A Beginner's Guide to Storytelling with Data

Linux Tutorials - Herong's Tutorial Examples

Practical SQL

BOOK 1: LEARN FROM SCRATCH VISUAL C# .NET WITH SQL SERVER To Develop Database-Driven Desktop Applications In Tutorial 1, you will start building a Visual C# interface for database management system project with SQL Server. The database, named DBMS, is created. The designed interface in this tutorial will used as the main terminal in accessing other forms. This tutorial will also discuss how to create login form and login table. In Tutorial 2, you will build a project, as part of database management system, where you can store information about valuables in school. In Tutorial 3 up to Tutorial 4, you will perform the steps necessary to add 6 tables into DBMS database. You will build each table and add the associated fields as needed. In this tutorials, you will create a high school database project, as part of database management system, where you can store all information about school including parent, teacher, student, subject, and title, and grade. BOOK 2: LEARN FROM SCRATCH VISUAL C# .NET WITH MYSQL To Develop Database-Driven Desktop Applications In Tutorial 1, you will start building a Visual C# interface for database management system project using MySQL. The database, named DBMS, is created. The designed interface in this tutorial will used as the main terminal in accessing other forms. This tutorial will also discuss how to create login form and login table. In Tutorial 2, you will build a project, as part of database management system, where you can store information about valuables in school. The table will have seven fields: Item (description of the item), Location (where the item was placed), Shop (where the item was purchased), DatePurchased (when the item was purchased), Cost (how much the item cost), SerialNumber (serial number of the item), PhotoFile (path of the photo file of the item), and Fragile (indicates whether a particular item is fragile or not). In Tutorial 3 up to Tutorial 4, you will perform the steps necessary to add 6 tables using phpMyAdmin into DBMS database. You will build each table and add the associated fields as needed. In this tutorials, you will create a high school database project, as part of database management system, where you can store all information about school including parent, teacher, student, subject, and title, and grade.

This book is a collection of notes and sample codes written by the author while he was learning Linux systems. Topics include using Cockpit Web portal for admin tasks; using network configuration and security firewall; managing users and groups; managing files and directories; managing NFS, CIFS, EXT4, LBA, LVM file systems; installing CentOS systems; using SELinux (Security-Enhanced Linux) system; DNF/YUM software package manager; managing MySQL server; developing Python and PHP scripts; using GCC C/C++ compilers; managing vsftpd - Very Secure FTP daemon; managing Postfix and Dovecot servers for emails; managing directory service with OpenLDAP; running graphical applications on GNOME desktop and X11 servers; running Conda - Environment and Package Manager. Updated in 2022 (Version v5.40) with minor updates. For latest updates and free sample chapters, visit <https://www.herongyang.com/Linux>.

Do You Want to Learn Microsoft Office Access and MySQL Database Management Systems up to the Professional and Advance Level? Then Designing Professional Database Management Systems Using Microsoft Access 2013 and 2016! written by Kelly Joseph is the all-in-one tutorial book to help you achieve your goals in Relational Database Management System Administration. The book shows the screen to screen pictures of each step or procedure to achieve any task in MS Access 2013 and 2016 and also in MySQL Database application. Due to the inevitable rate of technological development, many companies now use these basic MS Office Packages like Access for interview. Microsoft Access and MySQL relieve you of any MySQL stresses especially Database System Analysts who analyze data. Most graduates miss employment opportunities due to their illiteracy in these basic Microsoft Office Packages like Microsoft Access, Excel and PowerPoint. This is why Kelly Joseph has chosen to help you out. He gives you some real life and practical exercises after each chapter to help you digest the knowledge you acquired in that chapter. Kelly Joseph carefully wrote this book step by step to help those who had no type of zeal he had seven years ago. This book: Designing Professional Database Management Systems Using Microsoft Access 2013 and 2016 is needed by everybody in Relational Database System Management Professionals because it covers the curriculum for both fields. He concentrated on the two most popular Relational Database Management System (RDBMS) Packages: MS Access and MySQL which is one of the three applications he knows well. Even if you don't have a previous knowledge in Database Management, don't panic because Kelly assumes that every user of this book has a basic knowledge of the software. This entire book starts from the scratch in order to carry everybody along! Some of the Topics Covered in this book include: - DATABASE TERMINOLOGIES AND IMPORTANCE OF SETTING UP A DATABASE - HOW TO GET MS ACCESS 2016 OR 2013 ON YOUR WINDOWS PC - OBJECTS OF A DATABASE - TABLE AND TABLE OPERATIONS - OBJECTS OF A DATABASE - TABLE AND TABLE OPERATIONS - FOUR PRINCIPLES FOR BUILDING A STRONG FOUNDATION FOR YOUR DATABASE - FORMS AND MANIPULATIONS IN MICROSOFT ACCESS - SOME POWERFUL MS ACCESS BUILT-IN FUNCTIONS - WORKING WITH QUERIES IN MS ACCESS - PRACTICAL ILLUSTRATION OF QUERY - BUILDING ADVANCED & ACTION QUERIES IN MS ACCESS - LEARNING SQL IN MS ACCESS & MYSQL DATABASES - PRACTICAL APPLICATION OF SQL IN MS ACCESS DATABASE - CREATING REPORTS IN MS ACCESS - CREATING MACROS & SWITCHBOARDS IN MS ACCESS You are very lucky to have located this simplified guide to learning Microsoft Office Access to an expert level! If while studying this book, you find any section confusing, visit [www.microsofttut.com](http://www.microsofttut.com), search the related tutorial post to the confusing section category and type your question under the the comment section. I will clarify you!

Introductory, theory-practice balanced text teaching the fundamentals of databases to advanced undergraduates or graduate students in information systems or computer science.

To Develop Database-Driven Desktop Applications

MySQL Tutorials - Herong's Tutorial Examples

VISUAL BASIC .NET AND DATABASE: PRACTICAL TUTORIALS

A Comprehensive Tutorial and Reference (Adobe Reader)

Data Analysis for Corporate Finance

MySQL Reference Manual

All of today's mainstream database products support the SQL language, and relational theory is what SQL is supposed to be based on. But are those products truly relational? Sadly, the answer is no. This book shows you what a real relational product would be like, and how and why it would be so much better than what's currently available. With this unique book, you will: Learn how to see database systems as programming systems Get a careful, precise, and detailed definition of the relational model Explore a detailed analysis of SQL from a relational point of view There are literally hundreds of books on relational theory or the SQL language or both. But this one is different. First, nobody is more qualified than Chris Date to write such a book. He and Ted Codd, inventor of the relational model, were colleagues for many years, and Chris's involvement with the technology goes back to the time of Codd's first papers in 1969 and 1970. Second, most books try to use SQL as a vehicle for teaching relational theory, but this book deliberately takes the opposite approach. Its primary aim is to teach relational theory as such. Then it uses that theory as a vehicle for teaching SQL, showing in particular how that theory can help with the practical problem of using SQL correctly and productively. Any computer professional who wants to understand what relational systems are all about can benefit from this book. No prior knowledge of databases is assumed.

BOOK 1 : VISUAL BASIC .NET AND DATABASE: PRACTICAL TUTORIALS This book aims to develop a MySQL-driven desktop application that readers can develop for their own purposes to implement library project using Visual Basic .NET. In Tutorial 1, you will build a Visual Basic interface for the database. This interface will used as the main terminal in accessing other forms. This tutorial will also discuss how to create login form and login table. You will create login form. Place on the form one picture box, two labels, one combo box, one text box, and two buttons. In Tutorial 2, you will build a school inventory project where you can store information about valuables in school. The table will have nine fields: Item (description of the item), Quantity, Location (where the item was placed), Shop (where the item was purchased), DatePurchased (when the item was purchased), Cost (how much the item cost), SerialNumber (serial number of the item), PhotoFile (path of the photo file of the item), and Fragile (indicates whether a particular item is fragile or not). In Tutorial 3, you will perform the steps necessary to add 5 new tables using phpMyAdmin into Academy database. You will build each table and add the associated fields as needed. Every table in the database will need input form. In this tutorial, you will build such a form for Author table. Although this table is quite simple (only four fields: AuthorID, Name, BirthDate, and PhotoFile), it provides a basis for illustrating the many steps in interface design. SQL statement is required by the Command object to read fields (sorted by Name). Then, you will build an interface so that the user can maintain the Publisher table in the database (Academy). The Publisher table interface is more or less the same as Author table interface. This Publisher table interface only requires more input fields. So you will use the interface for the Author table and modify it for the Publisher table. In Tutorial 4, you will perform the steps necessary to design and implement title form, library member form, and book borrowal form. You start by designing and testing the basic entry form for book titles. The Title table has nine fields: BookTitle, PublishYear, ISBN, PublisherID, AuthorID, Description, Note, Subject, and Comment. Then, you will build such a form for Member table. This table has twelve fields: MemberID, FirstName, LastName, BirthDate, Status, Ethnicity, Nationality, Mobile, Phone, Religion, Gender, and PhotoFile. You need thirteen label controls, one picture box, six text boxes, four comboxes, one check box, one date time picker, one openfiledialog, and one printpreviewdialog. You also need four buttons for navigation, six buttons for controlling editing features, one button for searching member's name, and one button to upload member's photo. Finally, you will build such a form for Borrow table. This table has seven fields: BorrowID, MemberID, BorrowCode, ISBN, BorrowDate, ReturnDate, and Penalty. In this form, you will need fourteen label controls, seven text boxes, two comboxes, two date time pickers, and one printpreviewdialog. You also need four buttons for navigation, six buttons for controlling editing features, one button to generate borrowal code, and one button to return book. BOOK 2: LEARN FROM SCRATCH VISUAL BASIC .NET WITH MYSQL This book will teach you with step-by-step approach to develop from scratch a MySQL-driven desktop application that readers can develop for their own purposes to implement school database project using Visual Basic .NET. In Tutorial 1, you will perform the steps necessary to add 8 tables using phpMyAdmin into School database that you will create. You will build each table and add the associated fields as needed. In this tutorial, you will also build login form and main form. In Tutorial 2, you will build such a form for Parent table. This table has thirteen fields: ParentID, FirstName, LastName, BirthDate, Status, Ethnicity, Nationality, Mobile, Phone, Religion, Gender, PhotoFile, and FingerFile. You need fourteen label controls, two picture boxes, six text boxes, four comboxes, one check box, one date time picker, one openfiledialog, and one printpreviewdialog. You also need four buttons for navigation, six buttons for other utilities, one button for searching member's name, one button to upload parent's photo, and button to upload parent's finger. Place these controls on the form. In Tutorial 3, you will build such a form for Student table. This table has fifteen fields: StudentID, ParentID, FirstName, LastName, BirthDate, YearEntry, Status, Ethnicity, Nationality, Mobile, Phone, Religion, Gender, PhotoFile, and FingerFile. You need sixteen label controls, two picture boxes, six text boxes, five comboxes, one check box, two date time pickers, one openfiledialog, and one printpreviewdialog. You also need four buttons for navigation, seven buttons for controlling editing features, one button for searching parent's name, one button to open parent form, one button to upload student's photo, and one button to upload student's finger. In Tutorial 4, you will build a form for Teacher table. This table has fifteen fields: TeacherID, RegNumber, FirstName, LastName, BirthDate, Rank, Status, Ethnicity, Nationality, Mobile, Phone, Religion, Gender, PhotoFile, and FingerFile. You need an input form so that user can edit existing records, delete records, or add new records. The form will also have the capability of navigating from one record to another. You need sixteen label controls, one picture box, seven text boxes, five comboxes, one check box, one date time picker, one openfiledialog, and one printpreviewdialog. You also need four buttons for navigation, six buttons for controlling editing features, one button for searching teacher's name, and one button to upload teacher's photo. In Tutorial 5, you will build a form for Subject table. This table has only three fields: SubjectID, Name, and Description. You need four label controls, four text boxes, one openfiledialog, and one printpreviewdialog. You also need four buttons for navigation, seven buttons for utilities, and one button for searching subject name. Place these controls on the form. You will also build a form for Grade table. This table has seven fields: GradeID, Name, SubjectID, TeacherID, SchoolYear, TimasStart, and TimeFinish. You need to add seven label controls, one text box, four comboxes, and two date time pickers. You also need four buttons for navigation, seven buttons for controlling editing features, one button to open subject form, and one button to open teacher form. In Tutorial 6, you will build a form for Grade\_Student table. This table has only three fields: Grade\_StudentID, GradeID, and StudentID. You need an input form so that user can edit existing records, delete records, or add new records. The form will also have the capability of navigating from one record to another. You need two label controls and two comboxes. You also need four buttons for navigation, seven buttons for controlling editing features, one button to open grade form, and one button to open student form.

This book is a collection of notes and sample codes written by the author while he was learning Linux applications. Topics include using managing users and groups; managing files and directories; managing Apache Web server; managing MySQL server; developing Python and PHP scripts; using GCC C/C++ compilers; running graphical applications on GNOME desktop and X11 servers; running Conda - Environment and Package Manager. Updated in 2022 (Version v4.00) with minor updates. For latest updates and free sample chapters, visit <http://www.herongyang.com/Linux-Apps>.

The Most Complete and Practical Guide to MySQL Version 5's Powerful SQL Dialect MySQL version 5 offers a SQL dialect with immense power. In SQL for MySQL Developers, Rick P. van der Lans helps you master this version ofSQL and take advantage of its full potential. Using case study examplesand hands-on exercises, van der Lans illuminates every key concept, technique, and statement-including advanced features that make iteasier to create even the most complex versions and programs. Drawing on decades of experience as an SQL standards team member and enterprise consultant, he reveals exactly why MySQL's dialect works as it does-and how to get the most out of it. You'll gain powerful insight into everything from basic queries to stored procedures, transactions to data security. Whether you're a programmer, Web developer, analyst, DBA, or database user, this book can take you from "apprentice" to true SQL expert. If you've used SQL in older versions of MySQL, you'll become dramatically more effective-and if you're migrating from other database platforms, you'll gain practical mastery fast.

With Free Pascal and the Free Development Environment Lazarus

Designing Professional Database Management Systems Using Microsoft Access 2013 and 2016 and MySQL

Principles of Database Management

MySQL TUTORIALS

Simplified Guides to Learning RDBMS Administration and SQL with Some Practical Examples and Exercises

This book covers microsoft access and SQL Server based GUI programming using pyqt. Intentionally designed for various levels of interest and ability of learners, this book is suitable for students, engineers, and even researchers in a variety of disciplines. No advanced programming experience is needed, and only a few school-level programming skill are needed. In the first chapter, you will learn to use several widgets in PyQt5: Display a welcome message; Use the Radio Button widget; Grouping radio buttons; Displays options in the form of a check box; and Display two groups of check boxes. In chapter two, you will learn to use the following topics: Using Signal / Slot Editor; Copy and paste text from one Line Edit widget to another; Convert data types and make a simple calculator; Use the Spin Box widget; Use scrollbars and sliders; Using the Widget List; Select a number of list items from one Widget List and display them on another Widget List widget; Add items to the Widget List; Perform operations on the Widget List; Use the Combo Box widget; Displays data selected by the user from the Calendar Widget; Creating a hotel reservation application; and Display tabular data using Table Widgets. In third chapter, you will learn: How to create the initial three tables project in the School database: Teacher, Class, and Subject tables; How to create database configuration files; How to create a Python GUI for inserting and editing tables; How to create a Python GUI to join and query the three tables. In fourth chapter, you will learn how to: Create a main form to connect all forms; Create a project will add three more tables to the school database: Student, Parent, and Tuition tables; Create a Python GUI for inserting and editing tables; Create a Python GUI to join and query over the three tables. In chapter five, you will join the six classes, Teacher, TClass, Subject, Student, Parent, and Tuition and make queries over those tables. In chapter six, you will create dan configure database. In this chapter, you will create Suspect table in crime database. This table has eleven columns: suspect\_id (primary key), suspect\_name, birth\_date, case\_date, report\_date, suspect\_status, arrest\_date, mother\_name, address, telephone, and photo. You will also create GUI to display, edit, insert, and delete for this table. In chapter seven, you will create a table with the name Feature\_Extraction, which has eight columns: feature\_id (primary key), suspect\_id (foreign key), feature1, feature2, feature3, feature4, feature5, and feature6. The six fields (except keys) will have VARCHAR(MAX) data type. You will also create GUI to display, edit, insert, and delete for this table. In chapter eight, you will create two tables, Police and Investigator. The Police table has six columns: police\_id (primary key), province, city, address, telephone, and photo. The Investigator table has eight columns: investigator\_id (primary key), province, city, address, telephone, and photo. In the last chapter, you will create two tables, Victim and Case\_File. The Victim table has nine columns: victim\_id (primary key), victim\_name, crime\_type, birth\_date, crime\_date, crime\_date, address, telephone, and photo. The Case\_File table has seven columns: case\_file\_id (primary key), suspect\_id (foreign key), police\_id (foreign key), investigator\_id (foreign key), victim\_id (foreign key), status, and description. You will create GUI to display, edit, insert, and delete for both tables as well.

While there have been quite a few attempts to get JavaScript working as a server-side language, Node.js (frequently just called Node) has been the first environment that's gained any traction. It's now used by companies such as Netflix, Uber and PayPal to power their web apps. Node allows for blazingly fast performance: thanks to its event loop model, common tasks like network connection and database I/O can be executed very quickly indeed. From a beginner's point of view, one of Node's obvious advantages is that it uses JavaScript, a ubiquitous language that many developers are comfortable with. If you can write JavaScript for the client-side, writing server-side applications with Node should not be too much of a stretch for you. This collection contains three books that will help get you up and running with Node. It contains: Your First Week With Node.js, which will get started using Node, covering all of the basics. 9 Practical Node.js Projects, which offers a selection of hand-on practical projects to develop your skills. Node.js: Related Tools & Skills, which outlines essential tools and skills that all Node developers should know.

Book 1: This book aims to develop a MySQL-driven desktop application that readers can develop for their own purposes to implement library project using Visual Basic .NET. In Tutorial 1, you will build a Visual Basic interface for the database. This interface will used as the main terminal in accessing other forms. This tutorial will also discuss how to create login form and login table. You will create login form. Place on the form one picture box, two labels, one combo box, one text box, and two buttons. In Tutorial 2, you will build a school inventory project where you can store information about valuables in school. The table will have nine fields: Item (description of the item), Quantity, Location (where the item was placed), Shop (where the item was purchased), DatePurchased (when the item was purchased), Cost (how much the item cost), SerialNumber (serial number of the item), PhotoFile (path of the photo file of the item), and Fragile (indicates whether a particular item is fragile or not). In Tutorial 3, you will perform the steps necessary to add 5 new tables using phpMyAdmin into Academy database. You will build each table and add the associated fields as needed. Every table in the database will need input form. In this tutorial, you will build such a form for Author table. Although this table is quite simple (only four fields: AuthorID, Name, BirthDate, and PhotoFile), it provides a basis for illustrating the many steps in interface design. SQL statement is required by the Command object to read fields (sorted by Name). Then, you will build an interface so that the user can maintain the Publisher table in the database (Academy). The Publisher table interface is more or less the same as Author table interface. This Publisher table interface only requires more input fields. So you will use the interface for the Author table and modify it for the Publisher table. Book 2: In chapter one, you will learn to know the properties and events of each control in a Windows Visual C# application. You need to learn and know in order to be more familiar with them as you use some applications in this book. In chapter two, you will go through step by step to build a SLES database using MySQL. You will build each table and add associated data fields (along with the necessary keys and indexes). The first field in the Client table is ClientID. Enter the client ID in the Name Field and select AutoNumber in the Data Type. You define primary key and other indexes which are useful for quick searching. ClientID is a primary field. You will define FamilyName as an index. You then will create Ordering table with three fields: OrderID, ClientID, and OrderDate. You then will create Purchase table with three fields: OrderID, ProductID, and Quantity. And you will create Product table with four fields: ProductID, Description, Price, and QtySold. Before designing Visual C# interface, you will build the relationships between four tables. The interface will be used to enter new orders into the database. The order form will be used to enter the following information into the database: order ID, order date, client ID, client's first name and family name, client's address, product information ordered. The form will have the ability to add new orders, find clients, add new clients. The completed order invoice will be provided in a printed report. In chapter three, you will build a database management system where you can store information about valuables in your warehouse. The table will have seven fields: Item (description of the item), Location (where the item was placed), Shop (where the item was purchased), DatePurchased (when the item was purchased), Cost (how much the item cost), SerialNumber (serial number of the item), PhotoFile (path of the photo file of the item), and Fragile (indicates whether a particular item is fragile or not). The development of this Warehouse Inventory Project will be performed, as usual, in a step-by-step manner. You will first create the database. Furthermore, the interface will be built so that the user can view, edit, add, or add data records from the database. Finally, you add code to create a printable list of information from the database. In chapter four, you will build an application that can be used to track daily high and low pollutant PM2.5 and air quality level. The steps that need to be taken in building Siantar Air Quality Index (SAQI) database project are: Build and test a Visual C# interface; Create an empty database using code; and Report database. The designed interface will allow the user to enter max pollutant, min pollutant, and air quality for any date that the user chooses in a particular year. This information will be stored in a database. Graphical result of the data will be provided, along with summary information relating to the maximum value, minimum value, and mean value. You will use a tab control as the main component of the interface. The control has three tabs: one for viewing and editing data, one for viewing graph of pollutant data, and another for viewing graph of air quality data. Each tab on this control operates like a Visual C# control panel. In chapter five, you will perform the steps necessary to build a MySQL book inventory database that contains 4 tables. You will build each table and add the associated fields as needed. You will have four tables in the database and define the relationship between the primary key and foreign key. You will associate AuthorID (foreign key) field in the Title\_Author table with AuthorID (primary key) in the Author table. Then, you want to associate the ISBN (foreign key) field in Title\_Author table with ISBN (primary key) in the Title table.

A short guide for everyone on how to structure your data and set-up your MySQL database tables efficiently and easily.

Heading in the Right Direction with MySQL and MariaDB

Professional Programming From The Beginning Part 2

The Practical Guide to Storing, Managing and Analyzing Big and Small Data

LEARN FROM SCRATCH VISUAL C# .NET WITH MYSQL

Learn From Scratch Visual C# .NET with MySQL to Develop Desktop Applications

Relational Theory for Computer Professionals

Advanced PHP for Flash is the follow-up to the hugely popular Foundation PHP for Flash. The main aim of this book is to extend the reader's knowledge of using PHP and MySQL to produce dynamic content for Flash. Essentially, it picks up the baton from the first book and runs with it until there's no more road. The book takes the reader from being an intermediate to an advanced PHP/Flash developer, and helps them create some awesome Flash-based web applications along the way. It covers the core PHP features, as well as some exciting extras, that follow on directly from the knowledge gained in the first chapter, and show the reader how to use them in real-world applications. This book covers: Sessions File Uploading Advanced MySQL Socket Functions PHP and XML Ming Plus fully functional case studies This book is aimed squarely at those readers who want to create dynamic Flash-based web applications, and especially at those who have finished the first book and are hungry for more. As this book is pitched at those with an intermediate knowledge of PHP (and a decent grasp of MySQL) it has the advantage of being useful to both programmers and those coming over from the first book.

The Definitive Guide to Using, Programming, and Administering MySQL 5.0 and 5.1 MySQL is an open source relational database management system that has experienced a phenomenal growth in popularity and use. Known for its speed and ease of use, MySQL has proven itself to be particularly well-suited for developing database-backed websites and applications. In MySQL, Paul DuBois provides a comprehensive guide to using and administering MySQL effectively and productively. He describes everything from the basics of getting information into a database and formulating queries, to using MySQL with PHP or Perl to generate dynamic web pages, to writing your own programs that access MySQL databases, to administering MySQL servers. The fourth edition of this bestselling book has been meticulously revised and updated to thoroughly cover the latest features and capabilities of MySQL 5.0, as well as to add new coverage of features introduced with MySQL 5.1. "One of the best technical books I have read on any subject." -Gregory Haley, C Vu, The Association of C & C++ Users "A top-notch user's guide and reference manual, and in my opinion, the only book you'll need for the daily operation and maintenance of MySQL databases." -Eugene Kim, Web Techniques Introduction 1 Part I: General MySQL Use Chapter 1: Getting Started with MySQL 13 Chapter 2: Using SQL to Manage Data 101 Chapter 3: Data Types 201 Chapter 4: Stored Programs 289 Chapter 5: Query Optimization 303 Part II: Using MySQL Programming Interfaces Chapter 6: Introduction to MySQL Programming 341 Chapter 7: Writing MySQL Programs Using C 359 Chapter 8: Writing MySQL Programs Using Perl DBI 435 Chapter 9: Writing MySQL Programs Using PHP 527 Part III: MySQL Administration Chapter 10: Introduction to MySQL Administration 579 Chapter 11: The MySQL Data Directory 585 Chapter 12: General MySQL Administration 609 Chapter 13: Access Control and Security 699 Chapter 14: Database Maintenance, Backups, and Replication 737 Part IV: Appendixes Appendix A: Obtaining and Installing Software 777 Appendix B: Data Type Reference 797 Appendix C: Operator and Function Reference 813 Appendix D: System, Status, and User Variable Reference 889 Appendix E: SQL Syntax Reference 937 Appendix F: MySQL Program Reference 1037 Note: Appendixes G, H, and I are located online and are accessible either by registering this book at [informit.com/register](http://informit.com/register) or by visiting [www.kitebird.com/mysql-book](http://www.kitebird.com/mysql-book). Appendix G: C API Reference 1121 Appendix H: Perl DBI API Reference 1177 Appendix I: PHP API Reference 1207 Index 1225

Do You Want to Learn The Simplified Guides to Learn Microsoft Office Access and MySQL Database Management Systems up to the Professional and Advance Level?Then Designing Professional Database Management Systems Using Microsoft Access 2013 and 2016! written by Kelly Joseph is the all-in-one tutorial book to help you achieve your goals in Relational Database Management System Administration. The book shows the screen to screen pictures of each step or procedure to achieve any task in MS Access 2013 and 2016 and also in MySQL Database application.Due to the inevitable rate of technological development, many companies now use these basic MS Office Packages like Access for interview. Microsoft Access and MySQL relieve you of many Office stresses especially Database System Analysts who analyze data. Most graduates miss employment opportunities due to their illiteracy in these basic Microsoft Office Packages like Microsoft Access, Excel and PowerPoint. That is why Kelly Joseph has chosen to help you out. He gives you some real life and practical exercises after each chapter to help you digest the knowledge you acquired in that chapter.Kelly Joseph carefully wrote this book step by step to help those who had the type of zeal he had seven years ago. This book: Designing Professional Database Management Systems Using Microsoft Access 2013 and 2016 is needed by everybody both students and Relational Database System Management Professionals because it covers the curriculum for both fields. He concentrated on the two most popular Relational Database Management System (RDBMS) Packages: MS Access and MySQL which is one of the three applications he knows well. Even if you don't have a previous knowledge in Database Management, don't panic because Kelly assumes that every user of this book has no previous knowledge of this course. This enabled him start from the scratch in other to carry everybody along!Some of the Topics Covered in this book include:\* DATABASE TERMINOLOGIES AND IMPORTANCE OF SETTING UP A DATABASE IN AN ORGANIZATION\* HOW TO GET MS-ACCESS 2016 OR 2013 ON YOUR WINDOWS PC\* OBJECTS OF A DATABASE - TABLE AND TABLE OPERATIONS\* OBJECTS OF A DATABASE\* TABLE AND TABLE OPERATIONS\* FOUR PRINCIPLES FOR BUILDING A STRONG FOUNDATION FOR YOUR DATABASE\* FORMS AND MANIPULATIONS IN MICROSOFT ACCESS\* SOME POWERFUL MS ACCESS BUILT-IN FUNCTIONS\* WORKING WITH QUERIES IN MS ACCESS\* PRACTICAL ILLUSTRATION OF QUERY\* BUILDING ADVANCED & ACTION QUERIES IN MS ACCESS\* LEARNING SQL IN MS ACCESS & MYSQL DATABASES\* PRACTICAL APPLICATION OF SQL IN MS ACCESS DATABASE\* CREATING REPORTS IN MS ACCESS\* CREATING MACROS & SWITCHBOARDS IN MS ACCESSYou are very lucky to have located this simplified guide to learning Microsoft Office Access to an expert level!The tutorial patterns and techniques used in this MS Access and MySQL textbook promotes best practices and have been developed and refined over several years of onsite training with Database users around the world. You gain a lot in this book without spending much money with this easy-to-follow guide. This latest edition covers new features introduced with Office 2016 and Power BI Desktop.So make the right decision now and reduce the stresses in your office works! Completely revised for the latest version of the MySQL database, this book is a comprehensive reference to system commands and programming information, including the new features for version 5.1.

SQL for MySQL Developers

MySQL with Visual Basic and Visual C#

Linux Apps Tutorials - Herong's Tutorial Examples

Hybrid Cloud Data and API Integration: Integrate Your Enterprise and Cloud with Bluemix Integration Services

Creating Your MySQL Database

Learn MySQL Database Using PHP

This introduction to SQL for MySQL begins by discussing exactly how data is stored and maintained in a relational database, familiarizing readers with SQL INSERT, UPDATE, and DELETE statements. The guide then discusses how to construct basic queries, choose an appropriate output, and how to create and use groups. Readers will also learn how to use joins to query data from multiple tables, how to create predefined views that can be stored in a database, and how to utilize the metadata of a database. Appendixes round out the book, covering the various indexing techniques available in MySQL Community Edition and list the MySQL built-in data types.

This JDBC tutorial book is a collection of notes and sample codes written by the author while he was learning JDBC technology himself. Topics include introduction to JDBC driver: installing JDK on Windows and other systems; Using Derby (Java DB) JDBC Driver; Using MySQL JDBC Driver (MySQL Connector/J); Using Oracle JDBC Driver; Using SQL Server JDBC Driver; Using JDBC-ODBC Bridge Driver. Updated in 2020 (Version 3.10) with JDBC 4.3.

A concise introduction to the fundamentals of working with MySQL. MySQL is an open-source relational database management system that is rapidly growing in popularity. Known for its speed, reliability, and ease of use, MySQL has proven itself to be particularly well suited both for beginners and for experienced developers to create sophisticated database-backed Web sites and applications. MySQL Tutorial is a clear, concise introduction to the fundamental concepts and techniques of working with MySQL. It teaches the beginning MySQL user how to create and administer powerful databases that can be used at home, at work, and on the Web. Whether you are a novice to databases or a technical professional looking to find out more about how MySQL works, MySQL Tutorial efficiently guides you through the information you need in order to get started with MySQL and quickly become proficient.

Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery.

MySQL in a Nutshell

Simplified Guides to Learning Rdbms Administration and SQL With Some Practical Examples and Exercises

Advanced PHP for Flash

MySQL Tutorial

JDBC Tutorials - Herong's Tutorial Examples

MySQL for Beginners

In Tutorial 1, you will start building a Visual C# interface for database management system project using MySQL. The database, named DBMS, is created. The designed interface in this tutorial will used as the main terminal in accessing other forms. This tutorial will also discuss how to create login form and login table. In Tutorial 2, you will build a project, as part of database management system, where you can store information about valuables in school. The table will have seven fields: Item (description of the item), Location (where the item was placed), Shop (where the item was purchased), DatePurchased (when the item was purchased), Cost (how much the item cost), SerialNumber (serial number of the item), PhotoFile (path of the photo file of the item), and Fragile (indicates whether a particular item is fragile or not). In Tutorial 3 up to Tutorial 4, you will perform the steps necessary to add 6 tables using phpMyAdmin into DBMS database. You will build each table and add the associated fields as needed. In this tutorials, you will create a library database project, as part of database management system, where you can store all information about library including author, title, and publisher. In Tutorial 5 up to Tutorial 7, you will perform the steps necessary to add 8 more tables using phpMyAdmin into DBMS database. You will build each table and add the associated fields as needed. In this tutorials, you will create a high school database project, as part of database management system, where you can store all information about school including parent, teacher, student, subject, and, title, and grade.

IBM® Hybrid Integration Services is a set of hybrid cloud capabilities in IBM Bluemix™ that allows businesses to innovate rapidly while, at the same time, providing IT control and visibility. It allows customers to quickly and easily build and operate systems that mix data and application programming interfaces (APIs) from a wide variety of sources, whether they reside on-premises or in the cloud. In many cases, you want to expose your IT assets from your private cloud as APIs and at the same time have best overall manageability and control of who uses your assets and how. Bluemix provides a set of services such as Secure Gateway, API Management, Connect and Compose, DataWorks, and API Catalog, which enable Hybrid Cloud Integration capabilities. This IBM Redbooks® publication provides preferred practices around developing cloud solutions using these Hybrid Integration Services that help you maintain data consistency, manageability, and security for critical transactions.

"With an easy, step-by-step approach, this guide shows beginners how to install, use, and maintain the world's most popular open source database: MySQL. You'll learn through real-world examples and many practical tips, including information on how to improve database performance. Database systems such as MySQL help data handling for organizations large and small handle data, providing robust and efficient access in ways not offered by spreadsheets and other types of data stores. This book is also useful for web developers and programmers interested in adding MySQL to their skill sets. Topics include: installation and basic administration ; Introduction to databases and SQL ; Functions, subqueries, and other query enhancements ; Improving database performance ; Accessing MySQL from popular languages" --

MySQL for BeginnersHave you been hearing about data, databases and MySQL and wondering what it's all about? Or perhaps you have just gotten a new job and need to learn MySQL fast. This book is for you. You no longer have to feel lost and overwhelmed by all the fragmented tutorials online, nor do you have to waste your time and money learning MySQL from lengthy books and expensive online courses.What this book offers...Learn MySQL Fast!Concepts in this book are presented in a "to-the-point" and concise style to cater to the busy individual. With this book, you can learn SQL in just one day and start coding immediately.MySQL for BeginnersComplex topics are broken down into simple steps with clear and carefully chosen examples to ensure that you can easily master MySQL even if you have never coded before. In addition, the output for all examples are provided immediately so you do not have to wait till you have access to your computer to test the examples.Complete process with well thought out flowThe complete process from database creation, table creation, data input, manipulation and retrieval etc is covered. The flow of the book is carefully planned to ensure that you can easily follow along.How is this book different...The best way to learn MySQL is by doing. This book provides examples for all concepts taught so that you can try out the different MySQL commands yourself.In addition, you'll be guided through a complete project at the end of the book that requires the application of all the concepts taught previously. Working through the project will not only give you an immense sense of achievement, it'll also help you retain the knowledge and master the language.Ready to embark on your MySQL learning journey? This book is for you. Click the BUY button and download it now.What you'll learn: -Introduction-Installation-Administration-PHP syntax-Connections-Create Database-Data types-INSERT Query-SELECT Query-WHERE Clause-UPDATE Query-DELETE Query-LIKE Clause-Sorting Results-much, much more!

Two Books In One: Learn From Scratch Visual C# .NET with SQL SERVER and MYSQL

Practical Design Tips and Techniques

Educating College and University Students Online

What Relational Databases Are Really All About

Node.js: The Collection

SQL for MySQL

This book is intended for anyone starting out with PHP programming. If you've previously worked in another programming language such as Java, C#, or Perl, you'll probably pick up the concepts in the earlier chapters quickly; however, the book assumes no prior experience of programming or of building Web applications. That said, because PHP is primarily a Web technology, it will help if you have at least some knowledge of other Web technologies, particularly HTML and CSS. Many Web applications make use of a database to store data, and this book contains three chapters on working with MySQL databases. Once again, if you're already familiar with databases in general – and MySQL in particular – you'll be able to fly through these chapters. However, even if you've never touched a database before in your life, you should still be able to pick up a working knowledge by reading through these chapters.

This comprehensive reference guide offers useful pointers for advanced use of SQL and describes the bugs and workarounds involved in compiling MySQL for every system.

This book aims to develop a database-driven desktop application that readers can develop for their own purposes to implement database-oriented digital image processing, machine learning, and image retrieval applications. In Tutorial 1, you will perform the steps necessary to add 6 tables using Visual C# into ImageProc database. You will build each table and add the associated fields as needed. In this tutorial, you will also build such a form for Officer table. This table has sixteen fields: OfficerID, FirstName, LastName, RegNumber, BirthDate, AppDate, Gender, Status, Rank, Address, Mobile, Phone, Email, Description, PhotoFile, and FingerFile). You need seventeen label controls, two picture boxes, ten text boxes, two comboboxes, one check box, two date time pickers, one openFileDialog, and one printpreviewdialog. You also need four buttons for navigation, eight buttons for utilities, one button for searching officer's name, one button to upload officer's photo, and one button to upload officer's fingerprint. In Tutorial 2, you will perform the steps necessary to create and implement police station form. In this tutorial, you will build such a form for PoliceStation table. This table has seven fields: PSID, OfficerID, PSName, City, Address, Phone, and Description. You need an input form so that user can edit existing records, delete records, or add new records. The form will also have the capability of navigating from one record to another. You need eight label controls, six text boxes, two comboboxes, one check box, and one printpreviewdialog. You also need four buttons for navigation, eight buttons for utilities, and one button for searching officer's name. Place these controls on the form. In Tutorial 3, you will build such a form for Accused table. This table has thirteen fields: AccusedID, FullName, MotherName, CrimeCase, BirthDate, Gender, Address, Mobile, Phone, Email, Description, PhotoFile, and FingerFile). You need an input form so that user can edit existing records, delete records, or add new records. The form will also have the capability of navigating from one record to another. You need fourteen label controls, two picture boxes, nine text boxes, two comboboxes, one date time picker, one openFileDialog, and one printpreviewdialog. You also need four buttons for navigation, eight buttons for utilities, and one button to upload accused's photo, and one button to upload accused's fingerprint. In Tutorial 4, you will build such a form for Witness table. This table has thirteen fields: WitnessID, FullName, MotherName, CrimeCase, BirthDate, Gender, Address, Mobile, Phone, Email, Description, PhotoFile, and FingerFile). You need an input form so that user can edit existing records, delete records, or add new records. The form will also have the capability of navigating from one record to another. You need fourteen label controls, two picture boxes, nine text boxes, two comboboxes, one date time picker, one openFileDialog, and one printpreviewdialog. You also need four buttons for navigation, eight buttons for utilities, one button for searching witness's name, one button to upload witness's photo, and one button to upload witness's fingerprint. In Tutorial 5, you will build such a form for Victim table. This table has thirteen fields: VictimID, FullName, MotherName, CrimeCase, BirthDate, Gender, Address, Mobile, Phone, Email, Description, PhotoFile, and FingerFile). You need an input form so that user can edit existing records, delete records, or add new records. The form will also have the capability of navigating from one record to another. You need fourteen label controls, two picture boxes, nine text boxes, two comboboxes, one date time picker, one openFileDialog, and one printpreviewdialog. You also need four buttons for navigation, eight buttons for utilities, and one button to upload victim's name, one button to upload victim's photo, and one button to upload victim's fingerprint. In Tutorial 6, you will build such a form for CrimeReg table. This table has fourteen fields: CRID, CRNumber, PSID, VictimID, AccusedID, DateReport, DateCrime, Arrested, CaseStatus, Description, Feature1, Feature2, Feature3, and Feature4. You need an input form so that user can edit existing records, delete records, or add new records. The form will also have the capability of navigating from one record to another. You need thirty two label controls, seven text boxes, ten comboboxes, one check box, two date time pickers, six picture boxes, and one printpreviewdialog. You then need four buttons for navigation, eight buttons for utilities, and one button for searching crime register number. You also need button to save every feature.

In Tutorial 1, you will start building a Visual C# interface for database management system project using MySQL. The database, named DBMS, is created. The designed interface in this tutorial will used as the main terminal in accessing other forms. This tutorial will also discuss how to create login form and login table.In Tutorial 2, you will build a project, as part of database management system, where you can store information about valuables in school. The table will have seven fields: Item (description of the item), Location (where the item was placed), Shop (where the item was purchased), DatePurchased (when the item was purchased), Cost (how much the item cost), SerialNumber (serial number of the item), PhotoFile (path of the photo file of the item), and Fragile (indicates whether a particular item is fragile or not).In Tutorial 3 up to Tutorial 4, you will perform the steps necessary to add 6 tables using phpMyAdmin into DBMS database. You will build each table and add the associated fields as needed. In this tutorials, you will create a library database project, as part of database management system, where you can store all information about school including parent, teacher, student, subject, and, title, and grade.

Perl Tutorials - Herong's Tutorial Examples

LEARN FROM SCRATCH VISUAL C# .NET WITH SQL SERVER To Develop Database-Driven Desktop Applications

Building financial models using SQL, Python, and MS PowerBI