

Mastering Visual Basic Database Programming

Market_Desc: Programmers and students who want thorough coverage of Visual Basic 2008, especially programmers with some knowledge of previous versions of VB who want strong intermediate-level coverage of VB 2008's new features and .NET 3.0

Special Features: · Features dozens of real-world examples and a clear tutorial style· Includes special VB 6 to VB 2008 sidebars that makes it easy for VB 6 developers to make the jump to .NET· Thoroughly revised with 11 all-new chapters and updates throughout· Contains practical applications that combine multiple elements of the language to accomplish real programming tasks· Covers Vista interface design

About The Book: Mastering Microsoft Visual Basic 2008 continues the approach of its previous editions by providing thorough, expert coverage of VB 2008, from the core of the language and user interface design to developing data-driven applications and Web applications. The material is aimed at beginners with some programming background to experienced programmers, with emphasis on intermediate and advanced development topics. The book will contain numerous example programs that readers can use as starting points for building their own applications, and each chapter ends with review exercises to help readers solidify their knowledge.

Working with data and databases in C# certainly can be daunting if you're coming from VB6, VBA, or Access. With this hands-on guide, you'll shorten the learning curve

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considerably as you master accessing, adding, updating, and deleting data with C#—basic skills you need if you intend to program with this language. No previous knowledge of C# is necessary. By following the examples in this book, you'll learn how to tackle several database tasks in C#, such as working with SQL Server, building data entry forms, and using data in a web service. The book's code samples will help you get started on your own projects. Create a Windows Forms application with a datagrid Connect to multiple data sources, including Access and SQL Server Add, edit, and update data in a database you choose and design Enable users to choose their data source at runtime Learn the roles of DataTable, DataView, BindingSource, Filters, and other objects Understand where variables are declared and how they impact the code Build a simple web service that connects to a database

Assuming only basic knowledge of C#, *Beginning C# 5.0 Databases* teaches all the fundamentals of database technology and database programming readers need to quickly become highly proficient database users and application developers. A comprehensive tutorial on both SQL Server 2012 and Visual Studio 2012, *Beginning C# 5.0 Databases* explains and demonstrates various techniques and ways to build a database application using T-SQL and C#. Full of practical, detailed examples, it's been fully revised and updated for Winforms using C# 5.0 and Visual Studio 2012 and offers the most complete, detailed, and gentle introduction to database technology for all C# programmers at any level of experience. Comprehensively and concisely

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explains fundamental database concepts and database programming techniques Rich in step-by-step working examples of both T-SQL and C# programs Covers all the features ADO.NET most database programming ever requires

This expert guide covers what you need to know to program with Visual Basic 2008, employ the latest Visual Studio 2008 tools, and operate efficiently within the .NET Framework. In an easy-to-follow style, the book moves from in-depth explanations to practical instruction to real-world examples. Explore basic coding in VB 2008 and learn to build interfaces without coding by using Visual Studio 2008's drag-and-drop visual tools. You'll get up to speed on LINQ and handle key tasks such as programming TreeView controls, and more.

Covers topics such as integrating multiple .NET technologies, cross-language integration, versioning, database and monitoring tools for application development, accessing data, and COM+.

Enter a New World of Database Programming Visual Basic .NET and ADO.NET facilitate the development of a new generation of database applications, including disconnected applications that run on the Web. Mastering Visual Basic .NET Database Programming is the resource you need to thrive in this new world. Assuming no prior experience with database programming, this book teaches you every aspect of the craft, from GUI design to server development to middle-tier implementation. If you're familiar with earlier versions of ADO, you'll master the many new features of ADO.NET

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all the more quickly. You'll also learn the importance of XML within the new .NET paradigm. Coverage includes: Getting familiar with the ADO.NET object model Using the data access wizards Taking advantage of new SQL Server 2000 features Carrying out XSL Transformations and XPath queries Generating XML using the T-SQL FOR XML statement Binding controls to ADO.NET result sets Arriving at a sound database design Tuning your SQL Server 2000 database Using the XML Designer in Visual Studio .NET Leveraging the data access tools available in the Visual Studio .NET IDE Working with .NET data providers Choosing between streaming data and caching data Working with the Data Form Wizard in Visual Studio .NET Using advanced ADO.NET techniques Building a threaded application Using .NET's advanced exception handling capabilities Using the .NET Deployment Project Template Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

When Microsoft introduced the Visual Basic .NET programming language, as part of its move to the .NET Framework two years ago, many developers willingly made the switch. Millions of others, however, continued to stick with Visual Basic 6. They weren't ready for such a radical change, which included an object-oriented environment similar to Java. They liked the old Visual Basic just fine. In an effort to win over those diehard VB6 developers, the company has included a new version of VB.NET in its upcoming next generation release of the Visual Studio .NET development platform. Visual Basic 2005 comes with innovative language constructs, new compiler features, dramatically

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enhanced productivity and an improved debugging experience. The language's new version is now available in beta release, and Microsoft is encouraging developers to give it a test drive. *Visual Basic 2005: A Developer's Notebook* provides the ideal test track. With nearly 50 hands-on projects, this practical introduction to VB 2005 will bring you up to speed on all the new features of this language by allowing you to work with them directly. The book summarizes the changes that VB 2005 brings, and tells you how to acquire, install and configure the beta version of VB 2005 SDK. Each project or experiment explores a different feature, with emphasis on changes that can increase productivity, simplify programming tasks, and help you add new functionality to your applications. This one-of-a-kind book also offers suggestions for further experimentation, links to on-line documentation and other sources of information, and practical notes and warnings from the author. The new *Developer's Notebooks* series from O'Reilly offers an in-depth first look at important new tools for software developers. Emphasizing example over explanation and practice over theory, they focus on learning by doing you'll get the goods straight from the masters, in an informal and code-intensive style. For those who want to get up speed with VB 2005 right away, this is the perfect all lab, no lecture guide.

Visual Basic 2012 Made Easy is written by Dr. Liew, the webmaster of our popular online Visual Basic Tutorial, vbtutor.net. This book is a complete guide to mastering Visual Basic 2012, from beginner to intermediate programmers. This book has been

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written to complement our free online Visual Basic 2012 tutorial with much more content. It is also an excellent reference text for high school or college-level computer science courses. Reading this book will allow you to: Understand the basic concepts of Visual Basic 2012 programming Create your own Visual Basic 2012 applications from scratch Get inspiration from a variety of interesting sample programs Modify the code samples easily to suit your needs Learn how to package and distribute your applications

Visual Basic .NET Complete is a one-of-a-kind book--valuable both for its broad content and its low price. Because the new version of Visual Basic is radically different from VB6, this book delivers the essential skills you need to start programming with VB.NET--including the basics of the new language and developing Windows applications with the new Visual Studio .NET tools. With Visual Basic .NET Complete, you'll learn everything you need to know for Web application development with ASP.NET and XML--from working with Web Forms to building Web Services. You'll also learn how to build database applications with ADO.NET, the latest version of Microsoft's data access technology. Finally, you'll get the experience of creating real-world applications, including building an online store using .NET technologies. Visual Basic .NET Complete introduces you to the work of some of Sybex's finest authors, so you'll know where to go to

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learn even more about Visual Basic .NET. Inside: VB.NET Essentials What's New in VB? Introduction to .NET Creating Visual Basic Projects XML and VB.NET Using XML and VB.NET Using XML in Web Applications Advanced VB.NET The Language Writing and Using Procedures Error Handling and Debugging Developing Windows Forms Database Programming Relational Database Basics A First Look at ADO.NET Retrieving and Editing Data WinForms and ADO.NET ASP.NET Essentials Introduction to Web Forms Working with XML Web Services Developing Web Applications with ASP.NET Building Real-World Applications Planning Applications Deploying a Web Project Building Components for the Middle Tier Building an Online Store

Self-paced training course designed to teach custom, multi-form applications. CD-ROM contains multimedia, lab files, sample applications, and sample code. This book places great emphasis on solutions rather than technology. It provides step-by-step examples of the most important techniques developers typically go through to create database applications.

Most Visual Basic .NET books are written for experienced object-oriented programmers, but many programmers jumping on the .NET bandwagon are coming from non-object-oriented languages, such as Visual Basic 6.0 or from script programming, such as JavaScript. These programmers, and those who are

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adopting VB.NET as their first programming language, have been out of luck when it comes to finding a high-quality introduction to the language that helps them get started. That's why Jesse Liberty, author of the best-selling books *Programming C#* and *Programming ASP.NET*, has written an entry-level guide to Visual Basic .NET. Written in a warm and friendly manner, this book assumes no prior programming experience, and provides an easy introduction to Microsoft's most popular .NET language. *Learning Visual Basic .NET* is a complete introduction to VB.NET and object-oriented programming. This book will help you build a solid foundation in .NET, and show how to apply your skills by using hundreds of examples to help you become productive quickly. *Learning Visual Basic .NET* introduces fundamentals like Visual Studio .NET, a tool set for building Windows and Web applications. You'll learn about the syntax and structure of the Visual Basic .NET language, including operators, classes and interfaces, structs, arrays, and strings. Liberty then demonstrates how to develop various kinds of applications--including those that work with databases--and web services. By the time you've finished *Learning Visual Basic .NET*, you'll be ready to move on to a more advanced programming guide that will help you create large-scale web and Windows applications. Whether you have a little object-oriented programming experience or you are new to programming altogether,

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Visual Basic .NET will set you firmly on your way to mastering the essentials of the VB.NET language.

SQL Server and ADO Programming Complete is a one-of-a-kind book--valuable both for its broad content and its low price. The book contains the essentials of building database applications with SQL Server, ADO, and Visual Basic--from database basics to OLAP and Analysis Services. With SQL Server and ADO Programming Complete, you'll learn everything you need to know for database programming, including database access with ADO and Visual Basic as well as Web and XML database development. The book also details SQL Server and Visual Basic programming and interactions. Get up to speed on the ADO Object Model and controlling transactions in ASP, use this knowledge to build an online store, and soon you'll be an expert! SQL Server and ADO Programming Complete introduces you to the work of some of Sybex's finest authors, so you'll know where to go to learn even more about SQL Server and ADO programming with Visual Basic.

In just 24 sessions of one hour or less, you'll learn how to build complete, reliable, and modern Windows applications with Microsoft® Visual Basic® 2015. Using a straightforward, step-by-step approach, each lesson builds on what you've already learned, giving you a strong foundation for success with every

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aspect of VB 2015 development. Notes present interesting pieces of information. Tips offer advice or teach an easier way to do something. Cautions advise you about potential problems and help you steer clear of disaster. Learn How To Master VB 2015 by building a complete feature-rich application Navigate VB 2015 and discover its new shortcuts Work with objects, collections, and events Build attractive, highly-functional user interfaces Make the most of forms, controls, modules, and procedures Efficiently store data and program databases Make decisions in code Use powerful object-oriented techniques Work with graphics and text files Manipulate filesystems and the Registry Add email support Create efficient modules and reusable procedures Interact effectively with users Write code to preview and print documents Debug with VB 2015's improved breakpoint features Distribute your software Download all examples and source code presented in this book from informit.com/title/9780672337451 as they become available. Who Should Read This Book Those who have little or no programming experience or who might be picking up Visual Basic as a second language. Bug Alert Description: Changing the startup form's name in a VB WinForms app does not update the "Startup form" #4517 Explanation: In the latest Visual Basic update on GitHub, Microsoft accidentally introduced a significant bug that you should be aware of. In the Visual Basic project properties

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dialog on one of the tabs (Application), is a drop down box for selecting the "startup object". This can be either a Main method or a System.Windows.Forms instance (or System.Windows.Window for WPF). When you do a rename on a form (say from the code editor in source or from the solution explorer) currently set as the startup form the rename doesn't cascade to the startup object project property cause the project to enter an invalid state where the user must now manually reset this project property from the now nonexistent Form to the new name. This is a huge annoyance. The fix for the bug (until Microsoft addresses) can be found here: <http://www.jamesfoxall.com/teach-visual-basic-2015-errata/>

Customize and ramp-up Office 365 applications The revised 2019 edition of Mastering VBA Microsoft Office 365 offers an accessible guide that shows how to extend the capabilities of Office 365 applications with VBA programming. Written in clear terms and understandable language, the book includes systematic tutorials and contains both intermediate and advanced content for experienced VB developers. Designed to be comprehensive, the book addresses not just one Office application, but the entire Office suite. To enhance understanding, the content is explored in real-world projects in Word, Excel, Outlook, and PowerPoint. Since the technical programming methods in the Office applications continue to evolve, the updated 2019 edition reviews the changes to the

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program. Code libraries, the API, and the object model for each Office program have been modified during the three years since the last version of this book. Various elements within VBA have been deprecated or replaced, and the surface UI changed as well. The updated 2019 edition covers topics such as:

- Recording macros and getting started with VBA
- Learning how to work with VBA
- Using loops and functions
- Using message boxes, input boxes, and dialog boxes
- Creating effective code
- XML-based files, ActiveX, the developer tab, content controls, add-ins, embedded macros, and security

Written for all levels of Microsoft Office 365 users, *Mastering VBA Microsoft Office 365: 2019 Edition* explains how to customize and automate the Office suite of applications.

A detailed handbook for experienced developers explains how to get the most out of Microsoft's Visual Studio .NET, offering helpful guidelines on how to use its integrated development environment, start-up templates, and other features and tools to create a variety of applications, including Web services. Original. (Advanced)

A step-by-step guide to using Microsoft Visual Basic, covering such topics as building and customizing the user interface, managing data, Visual Studio web development with ASP.NET 4, and working with Windows Phone SDK 8.0.

A unique, comprehensive guide to creating custom apps with VBA Automating computing tasks

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to increase productivity is a goal for businesses of all sizes. Visual Basic for Applications (VBA) is a version of Visual Basic designed to be easily understandable for novice programmers, but still powerful enough for IT professionals who need to create specialized business applications. With this invaluable book, you'll learn how to extend the capabilities of Office 2013 applications with VBA programming and use it for writing macros, automating Office applications, and creating custom applications in Word, Excel, PowerPoint, Outlook, and Access. Covers the basics of VBA in clear, systematic tutorials and includes intermediate and advanced content for experienced VB developers. Explores recording macros and getting started with VBA; learning how to work with VBA; using loops and functions; using message boxes, input boxes, and dialog boxes; creating effective code; XML-based files, ActiveX, the developer tab, content controls, add-ins, embedded macros, and security. Anchors the content with solid, real-world projects in Word, Excel, Outlook, PowerPoint, and Access. Covering VBA for the entire suite of Office 2013 applications, *Mastering VBA for Microsoft Office 2013* is mandatory reading. *Visual Basic.NET Database Programming* walks the readers step-by-step through the topics they need to know to use databases effectively. This book teaches with real-world scenarios how to load, display, manipulate, modify and save data in databases. It shows the reader how to build multi-tier applications that implement enterprise-wide business solutions, build Web Servers, manage large amounts of data, find specific records, sort data, perform complex queries, and use XML--an integral part of data handling in Visual Basic.NET. Your hands-on, step-by-step guide to learning Visual Basic 2010. Teach yourself the essential tools and techniques for Visual Basic 2010--one step at a time. No matter what your skill level, you'll find the practical guidance and examples you need to start building professional

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applications for Windows and the Web. Discover how to: Work in the Microsoft Visual Studio 2010 Integrated Development Environment (IDE) Master essential techniques-from managing data and variables to using inheritance and dialog boxes Create professional-looking Uis; add visual effects and print support Build compelling Web features with the Visual Web Developer tool Use Microsoft ADO.NET and advanced data presentation controls Debug your programs and handle run-time errors Use new features, such as Query Builder, and Microsoft .NET Framework For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Completely revised and updated, this comprehensive reference on ADO .NET programming covers such topics as database tools, data objects, Web Services, multi-tier database applications, Windows Forms classes, and the development of ASP.NET Web applications, providing insider tips and techniques, code examples, and other helpful features. Original. (Intermediate)

Whether you are using WinForms, WebForms, or Web Services, Database Access with Visual Basic .NET, Third Edition , is your practical guide to developing database applications with Visual Basic .NET and ADO.NET. The authors provide real-world solutions to the data-access issues Visual Basic .NET developers face every day and share their secrets for becoming a more effective database programmer using .NET technologies. The book begins by reviewing the fundamentals of database development, Structured Query Language (SQL), and Microsoft SQL Server(tm) 2000. It then examines how to use the major ADO.NET objects to access data stored in relational databases. Through detailed examples, readers learn how to use properties and methods, as well as more advanced features and techniques. Extensive code listings in

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Visual Basic .NET illustrate each concept, while business cases apply concepts to real-world applications. The final chapters provide a solid examination of how XML and ASP.NET integrate with ADO.NET to create various types of database applications. A companion Web site provides the code used in the book's myriad examples, all of which is compatible with Visual Basic .NET 2003. Key topic coverage includes: SQL queries and commands Using SQL Server 2000 ADO.NET objects Advanced ADO.NET features and techniques SQL Server and OLEDB, as well as ODBC .NET Data Providers Using Visual Studio .NET Data Projects for managing SQL Scripts Integrating XML with ADO.NET Developing Web-based database applications with ASP.NET Web services and middle-tier objects Database Access with Visual Basic .NET, Third Edition , equips VB developers with the knowledge and skills needed to build a powerful new generation of database applications in less time using .NET technologies. 0672323435B01092003

The most up-to-date Visual Basic.NET programming textbook—covering both fundamentals and advanced-level programming techniques—complete with examples and solutions Visual Basic.NET (VB.NET) is an object-oriented computer programming language that can be viewed as an evolution of the classic Visual Basic (VB), which is implemented on the .NET Framework. Microsoft currently supplies two major implementations of Visual Basic: Microsoft Visual Studio (which is commercial software) and Microsoft Visual Studio Express (which is free of charge). Forgoing the large amounts of programming codes found in most database programming books, Practical Database Programming with Visual Basic.NET shows students and professionals both how to develop professional and practical database programs in a Visual Basic.NET environment by using Visual Studio.NET Data Tools and Wizards related to

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ADO.NET 4.0, and how to apply codes that are auto-generated by solely using Wizards. The fully updated Second Edition: Covers both fundamentals and advanced database programming techniques Introduces three popular database systems with practical examples including MS Access, SQL Server 2008, and Oracle Features more than fifty sample projects with detailed illustrations and explanations to help students understand key techniques and programming technologies Includes downloadable programming codes and exercise questions This book provides undergraduate and graduate students as well as database programmers and software engineers with the necessary tools to handle the database programming issues in the Visual Studio.NET environment.

Visual Basic 2013 Made Easy is written by the webmaster of the popular online Visual Basic Tutorial , Dr.Liew. By reading this book ,you can: i) Understand the basic concepts of Visual Basic 2013 programming ii) Create your own Visual Basic 2013 programs right from the beginning iii) Get programming ideas from many interesting Visual Basic sample programs. iv) Modify the codes easily to suit your needs. This book can also be used as a text book for students who are taking Visual Basic courses or beginners. It can also be used as a reference book for teachers or lecturers who are teaching introductory computer programming courses. Evangelos Petroustos is a computer engineer who gained much of his experience at the California Institute of Technology and MCI.

VB Programmers: Get in Step with .NET With the introduction of Visual Basic .NET, VB transcends its traditional second-class status to become a full-fledged citizen of the object-oriented programming, letting you access the full power of

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the Windows platform for the first time. Written by the author of the best-selling Mastering Visual Basic 6 this all-new edition is the resource you need to make a successful transition to .NET. Comprising in-depth explanations, practical examples, and handy reference information, its coverage includes: Mastering the new Windows Forms Designer and controls Building dynamic forms Using powerful Framework classes such as ArrayLists and HashTables Persisting objects to disk files Handling graphics and printing Achieving robustness via structured exception handling and debugging Developing your own classes and extending existing ones via inheritance Building custom Windows controls Building menus and list controls with custom-drawn items Using ADO.NET to build disconnected, distributed applications Using SQL queries and stored procedures with ADO.NET Facilitating database programming with the visual database tools Building web applications with ASP.NET and the rich web controls Designing web applications to access databases Using the DataGrid and DataList web controls Building XML web services to use with Windows and web applications Special topics like the Multiple Document Interface and powerful recursive programming techniques Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

The new edition of the ultimate comprehensive guide to Microsoft Visual Basic

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Where most VB books start with beginner level topics, Mastering Visual Basic 2010 vaults you right into intermediate and advanced coverage. From the core of the language and user interface design to developing data-driven applications, this detailed book brings you thoroughly up to speed and features numerous example programs you can use to start building your own apps right away. Covers Visual Basic 2010, part of Microsoft's Visual Studio integrated development environment (IDE), which includes C#, C++, Visual Web Developer, and ASP.NET, along with Visual Basic Explains topics in the thorough, step-by-step style of all books in the Mastering series, providing you ample instruction, tips, and techniques. Helps you build your own applications by supplying sample code you can use to start development. Includes review exercises in each chapter to reinforce concepts as you learn. All the books in the Sybex Mastering series feature comprehensive and expert coverage of topics you can put to immediate use. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

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example programs you can use to start building your own apps right away. Covers Visual Basic 2010, part of Microsoft's Visual Studio integrated development environment (IDE), which includes C#, C++, Visual Web Developer, and ASP.NET, along with Visual Basic Explains topics in the thorough, step-by-step style of all books in the Mastering series, providing you ample instruction, tips, and techniques Helps you build your own applications by supplying sample code you can use to start development Includes review exercises in each chapter to reinforce concepts as you learn All the books in the Sybex Mastering series feature comprehensive and expert coverage of topics you can put to immediate use. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

The best way to learn the newest version of Visual Basic Mastering Visual Basic 6 is the ideal guide to Visual Basic. Inside, you'll master the environment, the features, and the techniques that are key to professional Windows programming. Clear, in-depth instructions from a Visual Basic expert provide essential knowledge through scores of practical examples. Detailed coverage includes: building custom stand-alone applications working with forms creating and deploying ActiveX controls mastering Visual Basic drawing and graphics methods programming databases using recursive programming optimizing your code

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enhancing applications with multimedia extending Visual Basic with the Windows API, OLE, and VBA building Web-based applications with Visual Basic
A high-end, hardcover programming book for the experienced Visual Basic programmer, this title helps developers extend their VB5 skills. The book focuses on the most significant advances in Visual Basic 5.0--including hot Internet add-ins. The CD-ROM includes over a dozen custom applications compiled with VB5's new "p-code" compiler (no DLLs required).

Mastering Microsoft Visual Basic 2005 continues the approach of its previous editions by providing complete, expert coverage of the language. The material is aimed at beginner to advanced readers with emphasis on intermediate and advanced application-development topics. Topics include getting started with Visual Basic 2005, the Visual Basic 2005 language, GUI design and event-driven programming, building rich client applications, programming with objects, working with the .NET Framework, drawing and printing, building data-driven applications, programming for the web, refining your applications.

- GUI Design and Event-Driven Programming
- Building Rich Client Applications
- Programming with Objects
- Working with the .NET Framework
- Drawing and Printing
- Database Programming with VB 2005
- Programming for the Web
- Polishing Your Applications

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Oracle Database Programming with Visual Basic.NET Discover a detailed treatment of the practical considerations and applications of Oracle database programming with Visual Basic 2019 Oracle Database Programming with Visual Basic.NET: Concepts, Designs, and Implementations delivers a comprehensive exploration of the foundations of Oracle database programming using Visual Basic.NET. Using Visual Basic.NET 2019, Visual Studio.NET 2019, and Oracle 18c XE, the book introduces the Oracle database development system, Oracle SQL Developer and Modeler, and teaches readers how to implement a sample database solution. The distinguished author also demonstrates the use of dotConnect for Oracle to show readers how to create an effective connection to an Oracle 18c XE database. The current versions of the .NET framework, ASP.NET, and ASP.NET 4.7 are also explored and used to offer readers the most up to date web database programming techniques available today. The book provides practical example projects and detailed, line-by-line descriptions throughout to assist readers in the development of their database programming skill. Students will also benefit from the inclusion of: A thorough introduction to databases, including definitions, examples, descriptions of keys and relationships, and some database components in popular databases, like Access, SQL, and Oracle An exploration of ADO.NET, including its architecture

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and components, like the DataReader class, DataSet component, DataTable component, and the command and parameter classes A discussion of Language Integrated Query (LINQ), including its architecture and components, its relationship to objects, DataSet, Oracle, and Entities An explanation of how to access data in ASP.NET and ASP.NET Web Services with multiple real project examples. Perfect for college and university students taking courses related to database programming and applications, Oracle Database Programming with Visual Basic.NET will also earn a place in the libraries of programmers and software engineers seeking a comprehensive reference for database coding in Visual Basic.NET.

Visual Basic 2019 Made Easy is written by Dr. Liew, the webmaster of our popular online Visual Basic Tutorial, vbtutor.net. This book is a complete guide to mastering Visual Basic 2019, from beginner to intermediate programmers. This book has been written to complement our free online Visual Basic 2019 tutorial but with much more content. It is also an excellent reference text for high school or college-level computer science courses. Reading this book will allow you to understand the basic concepts of VB 2019 programming, create your own VB 2019 applications from scratch, get inspiration from a variety of interesting sample programs, modify the code samples easily to suit your needs and learn how to package and distribute your applications.

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Produced by the award-winning Microsoft Mastering series team, this is the ultimate self-study solution for transitioning from desktop to enterprise development. Companion lab exercises provide learn-by-doing practice with critical programming tasks. By the end of the course, students have created a full-featured enterprise solution. The CD contains complete code from the lessons.

Enter a New World of Database Programming C# and ADO.NET facilitate the development of a new generation of database applications, including remote applications that run on the Web. Mastering C# Database Programming is the resource you need to thrive in this new world. Assuming no prior experience with database programming, this book teaches you every aspect of the craft, from GUI design to server development to middle-tier implementation. If you're familiar with earlier versions of ADO, you'll master the many new features of ADO.NET all the more quickly. You'll also learn the importance of XML within the new .NET paradigm. Coverage includes:

- Accessing a database using C# and ADO.NET
- Using SQL to access a database
- Using Visual Studio .NET to build applications
- Creating and modifying database tables
- Understanding ADO.NET classes
- Designing, building, and deploying Web applications that access a database
- Designing, building, and deploying effective Web services
- Using SQL Server's built-in XML capabilities
- Working with a database in a disconnected manner
- Using advanced transaction controls
- Using Transact-SQL to create stored procedures and functions in a SQL Server database

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Microsoft Visual Studio 2015 empowers you to write next-generation applications for any modern environment: mobile, web, cloud, universal Windows 10/8.x, database, and beyond. This end-to-end deep dive will help working developers squeeze maximum productivity out of Microsoft's powerful new toolset. The authors combine authoritative and detailed information about Microsoft's latest IDE, with extensive insights and best practices drawn from decades of development experience. Developers will quickly get comfortable with Visual Studio 2015's updated interface, master its new capabilities, leverage its extensive new support for open standards, and discover multiple opportunities to leverage its .NET 4.6 platform and language improvements. By focusing entirely on Visual Studio 2015 Professional, the authors go deeper into Microsoft's core product than ever before. You'll find expert coverage of everything from debugging through deploying to Azure, IDE extension and automation through cross-platform mobile development. Throughout, this book's focus is relentlessly practical: how to apply Microsoft's tools to build better software, faster. Detailed information on how to... Master Visual Studio 2015's updated interface and key tools: Solutions, Projects, Browsers, Explorers, Editors, and Designers to improve productivity Develop robust cross-platform mobile apps for Windows, iOS, and Android using Apache Cordova templates for Visual Studio Use the new ASP.NET 5 to build modern web solutions that run on Windows, Mac, or Linux Develop Single Page Applications (SPAs) based on HTML5 and rich client-side JavaScript frameworks such as Knockout,

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AngularJS, Bootstrap, and more Accelerate cloud development with the Azure SDK, QuickStart templates, and Azure management portal Create mobile service solutions using ASP.NET Web API and WCF Streamline data development across multiple platforms with Entity Framework 7 Develop modern Microsoft Office business applications Perform robust, automated unit testing as you code, increasing your confidence in changes and refactoring Extend the VS 2015 IDE and Code Editor by creating custom, productivity-enhancing solutions Download all examples and source code presented in this book from informit.com/title/9780672337369 as they become available.

Enter a new world of database programming,,Visual basic .NET and ADO.NET facilitate the development of a new generation of database applications, including disconnected applications that run on the web. Mastering Visual Basic .NET database programming is the resource you need to thrive in this new world. assuming no prior experience with the database programming, this book teaches you every aspect of the craft, from GUI design to server development to middle tier implementation. If you're familiar with earlier version of ADO, you will master the many new features of ADO.NET all the more quickly. you will also learn the importance of XML within .NET paradigm.Coverage include,a) Getting familiar with the ADO.NET object model,b) Using the data access wizards,c) Taking advantage of new SQL Server 2000 features,d) Carrying out XSL Transformation and XPath queries,e) Generating XML using T-SQL for XML

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statement,f) Binding controls to ADO.NET results set,g) Tuning your SQL Server 2000 database,h) Using XML Designer in Visual Studio .NET,i) Leveraging the data access tools available in the visual studio .NET IDE,j) Working with .NET data providers,k) Choosing between streaming data and caching data,l) Working with the data form wizards in Visual Studio .NET,m) Using advanced ADO.NET techniques,n) Building a threaded application,o) Using .NET's advanced exception handling capabilities,p) Using .NET Deployment Project Template

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