

Computing Projects In Visual Basic Net A Level Computing

Actor-Network Theory and Technology Innovation: Advancements and New Concepts provides a comprehensive look at the development of actor-network theory itself, as well as case studies of its use to assist in the explanation of various socio-technical phenomena. This book includes topics relating to technological innovation; both those using actor-network theory as an explanatory framework and those using other approaches. It is an excellent source of information regarding ANT as an approach to technological innovation and its link to ICT (Information Communication Technology).

This book is designed to help students on an 'A' Level, Advanced VCE or similar course to design and implement a Web site using Microsoft FrontPage 2002. FrontPage is a suitable software package for the project component in 'AS' level and Advanced VCE courses. Parts 1 to 2 of the book take the reader through the steps in creating and publishing a Web site both with and without the use of a wizard. Part 3 gives advice on all stages of project work from the definition of a suitable problem through to documentation. The book was written primarily for 'AS' and 'A' Level Information and Communication Technology students and contains in Appendix B the AQA mark scheme for 'AS' Module 3: Coursework. It will also be suitable for students on many other courses at different levels since the mark scheme, with minor variations, is one which applies to projects in many ICT courses. For a second year project in an 'A' Level course, data collected from a Web site can be exported and used in an Access database. This aspect could be developed further to fulfil the requirements of, for example, Module 6 of the AQA ICT specification. A sample project is included to show students how a complete project report may be laid out.

Using Visual Basic with Client Access APIs is for programmers who want to develop client/server solutions on the AS/400 and the personal computer. This book will lead readers through the brave new world of Visual Basic and client/server computing. All the VB projects--and more--are available on the diskettes included with the book.

This book is a straightforward guide to the Visual Basic programming language and programming techniques. It covers all of the practical programming skills that may be required up to GCSE level and for those at AS Level with limited exposure to VB. It is suitable for both experienced programmers, students or individuals with very little or no programming experience in other languages. It teaches basic syntax and programming techniques and introduces a number of useful features such as: Developing graphical user interfaces (GUIs) with the visual designer in visual studio. SQLite, which enables the creation and processing of a database from within a Visual Basic .NET program. This provides an alternative to writing to a text file when data needs to be stored and retrieved. The Visual Studio debugger, which can be used to help find elusive logic errors.

A single line of code offers a way to understand the cultural context of computing. This book takes a single line of code—the extremely concise BASIC program for the Commodore 64 inscribed in the title—and uses it as a lens through which to consider the phenomenon of creative computing and the way computer programs exist in culture. The authors of this collaboratively written book treat code not as merely functional but as a text—in the case of 10 PRINT, a text that appeared in many different printed

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sources—that yields a story about its making, its purpose, its assumptions, and more. They consider randomness and regularity in computing and art, the maze in culture, the popular BASIC programming language, and the highly influential Commodore 64 computer.

The Visual Basic .NET programming environment introduces powerful object-oriented and Internet-savvy features. In this edition of "The Visual Basic .NET Style Guide," Patrick uses real code examples to show readers how to harness these tools using a disciplined approach, whether updating existing code or building new applications from scratch. This book will teach users to write clear, concise code that's easy to maintain.

With the introduction of Visual Basic .NET, VB is now a complete object-oriented language, letting programmers access the full power of the Windows platform while enabling them to build reliable and robust web solutions. It doesn't matter if you're new to programming or just to VB.NET, Visual Basic .NET Programming gets you up and running with the new version and offers a comprehensive introduction to Windows and web application development. From language fundamentals to ADO.NET, XML, and Web Services, Harold Davis's thoughtful approach emphasizes meaningful tasks that tie in with VB.NET's principal strengths. For example, you'll learn to build a Web Service, implement XML support, and use object-oriented techniques—without getting mired in theory but also without sacrificing the understanding you need to apply your skills in new situations. Much of the book is devoted to Windows application development, covering new ways to program standard elements, as well as emphasizing Visual Basic's new programming features. Want to build a desktop program with an oval interface? Want to create robust class libraries, components, and controls? Implement printing as a program feature? Start and stop a service? Every chapter provides solid examples that will help you learn the language and, more importantly, create effective applications with it.

This book is designed specifically for students training to teach ICT as a curriculum subject at secondary level. It develops the key ideas of teaching and learning ICT in a structured, accessible way, and provides a wealth of ideas and inspiration for the learning teacher. Key areas covered are: the place and nature of ICT as a curriculum subject analyzing and developing subject knowledge planning schemes of work, individual lessons, activities and resources monitoring, assessment and exams ICT across the curriculum differentiation and special educational needs professional development. Throughout the book there are useful tasks and activities to help student-teachers analyze their own teaching and explore the knowledge and skills needed to become a successful teacher of ICT. Rooted in best practice and up-to-the-minute research, this book is also the ideal refresher for more experienced ICT teachers.

An accessible and step-by-step approach to using VB.NET and XML enterprise application development XML is a tool for interacting with, describing, and transporting data between machines across networks and across the Internet—perfectly suited for Microsoft's .NET plan to fully integrate the Internet into distributed computing. By using real-world and fully-functional examples, this book quickly brings Visual Basic programmers and developers up to speed on XML for enterprise application development. The authors include an overview of XML and how it works with VB.NET, then explain how to use it to manipulate data in distributed environments. Companion Web site at www.vb-helper.com

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features the complete working code for all the examples built in the book. Microsoft Technologies .NET Platform: The next big overhaul to Microsoft's technologies that will bring enterprise distributed computing to the next level by fully integrating the Internet into the development platform. This will allow interaction between any machine, on any platform, and on any device. Visual Basic.NET: The update to this popular visual programming language will offer greater Web functionality, more sophisticated object-oriented language features, links to Microsoft's new common runtime, and a new interface. ASP.NET: A programming framework (formerly known as Active Server Pages) for building powerful Web-based enterprise applications; can be programmed using VB.NET or C#. C#: Microsoft's new truly object-oriented programming language that builds on the strengths of C++ and the ease of Visual Basic; promises to give Sun's Java a run for its money. 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 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.

A textbook for 'A' Level computing organised in modular format for new AQA specification.

Microsoft's .NET initiative created drastic changes in the Visual Studio line of products, and as a result a lot of Visual Basic developers feel like they are beginners all over again. Special Edition Using Visual Basic.NET will offer in-depth explorations of new features so that both experienced programmers and novices will feel comfortable making the transition to .NET. Although a major portion of the book is devoted to Internet applications, the book covers more general topics than many other books. Features of Visual Basic that will be explained include database access, controls, and best coding and practices. These features will be explored in detail, with extensive use of example programs and screen captures.

Computing Projects In Visual Basic. NET has been written mainly for students of AS/A level Computing, 'A' level ICT and Advanced VCE ICT. The book covers everything needed to write a large program.

A comprehensive, easy-to-understand guide to Visual Studio 2010 Visual Studio is Microsoft's comprehensive development environment that encompasses the .NET Framework, various programming languages, and ASP.NET. Programmers love it for developing applications for mobile devices and the Web. Because Visual Studio can be complex, the All-in-One For Dummies format makes it easy for beginners to grasp its different parts and get up to speed. Visual Studio is a development environment used with various programming languages to create a variety of applications, including those for the Web and mobile devices The updated Visual Studio 2010 features new emphasis on

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development for Windows 7, cloud computing, and enhanced Web and Silverlight Visual Studio 2010 All-in-One For Dummies shows how to build applications using the enhanced productivity features of Visual Studio 2010 Minibooks cover a Visual Studio overview, getting started, building Windows 7 and cloud applications, data access, coding, and other IDE details Ideal for new programmers or Java programmers who want to become proficient with Visual Studio Visual Studio 2010 All-in-One For Dummies provides both a great instruction book for new programmers and a valuable reference for the more experienced.

One approach to the introduction of computational material to the classroom is to supplement a textbook with modern computer codes. Unfortunately most codes are expensive, designed for commercial use, without source code and may require special software. Visual Hydrology provides a cheaper and simpler alternative, supplying computational exercises that can be fully assimilated by students, and allowing them to activate, understand and reproduce modern computer code. Visual Hydrology aims to: explain the structure of modern object-oriented computer code provide the source code for worked examples numerically check the worked examples used in text show how worked examples can be used with alternative data describe and reference the underlying theory provide additional exercises with each worked example use Microsoft Excel software alone Requiring only a basic knowledge of Microsoft Excel, this Primer teaches the use of modern and readily-available computer code for engineering computation. Visual Hydrology demonstrates codes for common and practical examples used in hydrological engineering, and will be a valuable resource to students, research workers and consulting engineers in the water-related sector. Examples of source code to accompany this publication can be downloaded by clicking [here](#).

VISUAL BASIC HOMEWORK PROJECTS explains (in simple, easy-to-follow terms) how to build a? Visual Basic Windows project. Students learn about project design, the Visual Basic toolbox, many elements of the Visual Basic language, and how to debug and distribute finished projects.

Visual Basic for AVCE covers Edexcel Units 7 - Programming and Unit 22 - Programs: Specification to Production of the AVCE in Information and Communication Technology award. It also covers the AVCE Programming units for the other Examination Boards. Each Unit is divided into two parts: Part one teaches all the Visual Basic skills needed to produce a portfolio for the unit and Part two shows how to build this portfolio of practical work by using a sample case study and an assignment Visual Basic is used to teach programming concepts and each unit contains a sample project of an appropriate standard. (The projects require Visual Basic version 4 or higher.)

Excel is a powerful and versatile spreadsheet program which is eminently suitable for project work at every level from GNVQ (e.g. AVCE I.T. Units 3 and 13) to degree work. This book is also invaluable for staff development, and caters for users of Excel 2002, 2000 and 97.

Tough Test Questions? Missed Lectures? Not Enough Time? Fortunately for you, there's Schaum's Outlines. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you Practice problems with full explanations that reinforce knowledge Coverage of the most up-to-date developments in your

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course field In-depth review of practices and applications Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time-and get your best test scores! Schaum's Outlines- Problem Solved.

It's easier to learn how to program a computer than it has ever been before. Now everyone can learn to write programs for themselves - no previous experience is necessary. Chris Pine takes a thorough, but lighthearted approach that teaches you the fundamentals of computer programming, with a minimum of fuss or bother. Whether you are interested in a new hobby or a new career, this book is your doorway into the world of programming. Computers are everywhere, and being able to program them is more important than it has ever been. But since most books on programming are written for other programmers, it can be hard to break in. At least it used to be. Chris Pine will teach you how to program. You'll learn to use your computer better, to get it to do what you want it to do. Starting with small, simple one-line programs to calculate your age in seconds, you'll see how to write interactive programs, to use APIs to fetch live data from the internet, to rename your photos from your digital camera, and more. You'll learn the same technology used to drive modern dynamic websites and large, professional applications. Whether you are looking for a fun new hobby or are interested in entering the tech world as a professional, this book gives you a solid foundation in programming. Chris teaches the basics, but also shows you how to think like a programmer. You'll learn through tons of examples, and through programming challenges throughout the book. When you finish, you'll know how and where to learn more - you'll be on your way. What You Need: All you need to learn how to program is a computer (Windows, macOS, or Linux) and an internet connection. Chris Pine will lead you through setting set up with the software you will need to start writing programs of your own. The new edition of the ultimate comprehensive guide to Microsoft Visual Basic 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.

Introduces the topic of cloud computing with an emphasis on the trustworthiness of cloud computing systems and services This book describes the scientific basis of cloud computing, explaining the ideas, principles, and architectures of cloud computing as well the different types of clouds and the services they provide. The text reviews several cloud computing platforms, including Microsoft Azure, Amazon, Oracle, Google, HP, IBM, Salesforce, and Kaavo. The author addresses the problem of trustworthiness

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in cloud computing and provides methods to improve the security and privacy of cloud applications. The end-of-chapter exercises and supplementary material on the book's companion website will allow readers to grasp the introductory and advanced level concepts of cloud computing. Examines cloud computing platforms such as Microsoft Azure, Amazon, Oracle, Google, HP, IBM, Salesforce, and Kaavo Analyzes the use of aspect-oriented programming (AOP) for refactoring cloud services and improving the security and privacy of cloud applications Contains practical examples of cloud computing, test questions, and end-of-chapter exercises Includes presentations, examples of cloud projects and other teaching resources at the author's website (<http://www.vladimirsafonov.org/cloud>) Trustworthy Cloud Computing is written for advanced undergraduate and graduate students in computer science, data science, and computer engineering as well as software engineers, system architects, system managers, and software developers new to cloud computing.

This book is suitable for students of both AS and A2 Computing and ICT who need to create their own programs as part of their course requirements. The book assumes no prior knowledge either of programming or Visual Basic. It covers all of the basic skills needed to start using VB effectively, working through to the more advanced requirements of A2 projects. Featuring: key concepts - introduced through a series of mini-tasks; full instructions of how to complete each task including full coding and screen grabs of the completed user interface; a detailed section on programming with VBA through MS Access; detailed explanations of the requirements of A2 projects and; advice on choosing and documenting computing coursework.

A programmer can create an application using the components provided by the Visual Basic program itself. Over time the community of programmers have developed new third party components, keeping this programming language to modern standards. Programs written in Visual Basic can also use the Windows API, which requires external function declarations. Furthermore, new third party functions (which are open source) using part VB6 source code and part embedded machine code, make the Visual Basic 6.0 applications faster than those designed in C++.

Gain the tools to create 10 reusable enterprise projects utilizing the new features of VB.NET Going beyond the standard reference books, Tony Martin takes readers step-by-step through the process of creating ten reusable enterprise applications with the next version of Microsoft's leading programming language-Visual Basic.NET. Readers will start by building a standard application template, which will form the basis of all the projects. Martin explains how to combine VB.NET with other key technologies, such as Web Services, ASP.NET, XML, WebForms, and the Microsoft Mobile Framework, to solve the important issues corporate Visual Basic programmers face today. Microsoft Technologies CD-ROM includes complete source code for the projects in the book and the third-party tools required to build the projects.

.NET Platform: The next big overhaul to Microsoft's technologies that will bring enterprise distributed computing to the next level by fully integrating the Internet into the development platform. This will allow interaction between any machine, on any platform, and on any device.

Visual Basic.NET: The update to this popular visual programming language will offer greater Web functionality, more sophisticated object-oriented language features, links to Microsoft's new common runtime, and a new interface. ASP.NET: A programming framework (formerly known as Active Server Pages) for building powerful Web-based enterprise applications; can be programmed using VB.NET or C#. C#: Microsoft's new truly object-oriented programming language that builds on the strengths of C++ and the ease of Visual Basic; promises to

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give Sun's Java a run for its money.

Essential Skills--Made Easy! Written by a Microsoft MVP and Visual Studio expert, this hands-on guide gets you started with the latest release of Microsoft's flagship Integrated Development Environment (IDE). *Microsoft Visual Studio 2010: A Beginner's Guide* shows you how to build applications from the ground up, covering C#, VB.NET, ASP.NET, Silverlight, Windows Presentation Foundation (WPF), and Windows Communication Foundation (WCF). You'll also learn how to customize the IDE, adding your own tools that integrate with Visual Studio 2010, and edit and debug your applications. Designed for Easy Learning Key Skills & Concepts--Chapter-opening lists of specific skills covered in the chapter Notes--Extra information related to the topic being covered Tips--Helpful reminders or alternate ways of doing things Annotated Syntax--Example code with commentary that describes the programming techniques being illustrated Joe Mayo is an independent consultant, specializing in Microsoft.NET technologies. He is the author of LINQ Programming and other books. Joe is also the recipient of multiple Microsoft MVP awards.

Reed's guide includes detailed coverage of architecting VB enterprise applications and features working examples and step-by-step instructions for planning and development of an order entry system, detailing do's and don't's for analysis, design and construction. CD-ROM contains several templates for applying UML, as well as complete Rational Rose models for the sample applications.

Includes index

Building Distributed Applications with Visual Basic.NET provides corporate developers with the .NET Framework techniques necessary to build distributed and reusable business systems in VB.NET. Covered topics include: VB.NET and the .NET Framework architecture and language concepts; building distributed applications with VB.NET using ADO.NET, XML, ASP.NET, SOAP, and COM+; and enterprise integration using the Services Framework.

Computing Projects in Visual Basic. NetPayne Gallway

Written mainly for students of AS/A Level computing, 'A' Level ICT and Advanced VCE ICT. Assumes no knowledge of programming and covers everything needed to write a large program.

This guide provides students with a comprehensive and practical guide on how to tackle a computing project for an advanced level, AS level or an advanced GNVQ using a software package and some programming.

Annotation One of the only technical-level resources available on the eMbedded VB toolkit from Microsoft. Will fill a distinct need; Microsoft documentation is poor, and currently there are no eMbedded Visual Basic (eVB) books available. Will document the widely misunderstood differences between eVB and regular Visual Basic. Covers critical recent developments, such as SQL Server for CE, that enable mobile applications with data access-essential for robust applications. *eMbedded Visual Basic: Windows CE and Pocket PC Mobile Applications* is an in-depth exploration into eVBs inherent features, and how to use them to solve likely mobile application programming tasks. The reader will be able to write applications tackling a wide array of business problems for Windows CE-powered devices, both customized and for the popular Pocket PC and Handheld PC products. The documentation for eVB is not very strong; this book will help ease the transition into the language, and provide a reference for even more experienced developers. Christopher

Tacke is an Associate at Rubicon Technologies, Inc., a firm specializing in mobile application development using CE, Palm, Blackberry. His career started with VB for the Windows PC platforms and rapidly grew to include the eMbedded version of Visual Basic as well as C, C++, ATL/COM, and SQL. He has designed, written, and deployed several mobile applications. Chris is also President and co-founder of Innovative Decision Support Systems, Inc., a firm specializing in data collection and analysis solutions. Tim Bassett is a Microsoft Certified Professional with more than eight years experience as a lead programmer. He has been a lead architect on many emerging technologies projects utilizing his strong object-oriented development skills. In Tims current role, Mobile Application Group Manager, he has been responsible for a large percentage of Rubicons research and development, as well as the training of Rubicons associates.

Visual Basic 2008 Black Book Is The Most Comprehensive Book That You Will Find On Visual Baisc.Net. It Contains Useful Material On All The Concepts Of Visual Basic 2008, And At The Same Time, Teaches You How To Implement These Concepts Programmatically By Providing Appropriate Examples Along-With Detailed Explanations. This Edition Of The Book Particularly Deals With Some New And Advanced Topics: Such As Wpf, Wcf, Wf, Asp.Net, Ajax, Silverlight, And Linq. This Unique Book On Visual Basic 2008 Has Extensive Coverage Of The Language; No Doubt, Every Aspect Of The Book Is Worth Its Price. Part I - .Net Framework 3.5 And Visual Studio 2008 Chapter 1: Getting Started With .Net Framework 3.5 Chapter 2: Introducing Visual Studio 2008 Part Ii - Visual Basic Programming Language And Oops Chapter 3: Introducing Visual Basic 2008 Chapter 4: Flow Control And Exception Handling In Visual Basic 2008 Chapter 5: Object-Oriented Programming In Visual Basic 2008 Part Iii - Windows Forms And Wpf Chapter 6: Windows Forms In Visual Basic 2008 Chapter 7: Windows Forms Controls - I Chapter 8: Windows Forms Controls- Ii Chapter 9: Windows Forms Controls - Iii Chapter 10: Windows Forms Controls - Iv Chapter 11: Windows Forms Controls - V Chapter 12: Introducing Windows Presentation Foundation Chapter 13: Working With Wpf 3.5 Controls, Resources, Styles, Templates, And Commands Chapter 14: Using Graphics And Multimedia In Windows Forms And Wpf Part Iv - Asp.Net 3.5 Chapter 15: Introducing Asp.Net 3.5 And Web Forms Chapter 16: Standard Web Server Controls Chapter 17: Navigation Controls In Asp.Net 3.5 Chapter 18: Login And Web Parts Controls In Asp.Net 3.5 Chapter 19: Enhancing Web Applications With Silverlight Part V - Services And Deployment Chapter 20: Asp.Net 3.5 Web Services Chapter 21: Introducing Windows Communication Foundation Chapter 22: Deploying Windows And Web Applications Part Vi - Ado.Net And Linq Chapter 23: Data Access With Ado.Net Chapter 24: Data Binding In Windows Forms And Wpf Applications Chapter 25: Data Binding In Asp.Net Applications Chapter 26: Working With Linq Part Vii - Advanced Topics Chapter 27: Working With Windows Workflow Foundation Chapter 28: Threading In Visual Basic 2008 Chapter 29:

Collections And Generics Chapter 30: Working With Xml And .Net Chapter 31: The My Object Chapter 32: .Net Assemblies Chapter 33: Developing Windows Mobile Applications Chapter 34: Security And Cryptography In .Net Chapter 35: .Net Remoting In Visual Basic 2008 Chapter 36: Human Resources Management System

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A guide to the practical issues and applications in database programming with updated Visual Basic.NET SQL Server Database Programming with Visual Basic.NET offers a guide to the fundamental knowledge and practical techniques for the design and creation of professional database programs that can be used for real-world commercial and industrial applications. The author—a noted expert on the topic—uses the most current version of Visual Basic.NET, Visual Basic.NET 2017 with Visual Studio.NET 2017. In addition, he introduces the updated SQL Server database and Microsoft SQL Server 2017 Express. All sample program projects can be run in the most updated version, Visual Basic.NET 2019 with Visual Studio.NET 2019. Written in an accessible, down-to-earth style, the author explains how to build a sample database using the SQL Server management system and Microsoft SQL Server Management Studio 2018. The latest version of ASP.NET, ASP.NET 4.7, is also discussed to provide the most up-to-date Web database programming technologies. This important book:

- Offers illustrative practical examples and detailed descriptions to aid in comprehension of the material presented
- Includes both fundamental and advanced database programming techniques
- Integrates images into associated database tables using a DevExpress UI tools - WindowsUI

Written for graduate and senior undergraduate students studying database implementations and programming courses, SQL Server Database Programming with Visual Basic.NET shows how to develop professional and practical database programs in Visual Basic.NET 2017/Visual Basic.NET 2019.

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