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686 - BRENDA WERNER

For those upgrading from Visual Basic 6 or VB 2005, switching from another programming language, or even new to programming, Halvorson (Pacific Lutheran U., Seattle), a former VB localization manager at Microsoft, provides tips and tutorials on writing one's first program and working in the VB Studio 2008 Integrated Development Environment, with the Visual Web Developer tool to build Web features, and with new features, e.g., Query Builder and Microsoft .NET Framework 3.5. The book includes quick reference tables, resources, and a CD-ROM with practice files.

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 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.

Covers the fundamentals of Visual C# and how to use it to build .NET-connected applications, covering topics including syntax, Web services, and operators.

Over the next few years, the proprietary trading and hedge fund industries will migrate largely to automated trade selection and execution systems. Indeed, this is already happening. While several finance books provide C++ code for pricing derivatives and performing numerical calculations, none approaches the topic from a system design perspective. This book will be divided into two sections—programming techniques and automated trading system (ATS) technology—and teach financial system design and development from the absolute ground up using Microsoft Visual C++.NET 2005. MS Visual C++.NET 2005 has been chosen as the implementation language primarily because most trading firms and large banks have developed and continue to develop their proprietary algorithms in ISO C++ and Visual C++.NET provides the greatest flexibility for incorporating these legacy algorithms into working systems. Furthermore, the .NET Framework and development environment provide the best libraries and tools for rapid development of trading systems. The first section of the book explains Visual C++.NET 2005 in detail and focuses on the required programming knowledge for automated trading system development, including object oriented design, delegates and events, enumerations, random number generation, timing and timer objects, and data management with STL.NET and .NET collections. Furthermore, since most legacy code and modeling code in the financial markets is done in ISO C++, this book looks in depth at several advanced topics relating to managed/unmanaged/COM memory management and interoperability. Further, this book provides dozens of examples illustrating the use of database connectivity with ADO.NET and an extensive treatment of SQL and FIX and XML/FIXML. Advanced programming topics such as threading, sockets, as well as using C++.NET to connect to Excel are also discussed at length and supported by examples. The second section of the book explains technological concerns and design concepts for automated trading systems. Specifically, chapters are devoted to handling real-time data feeds, managing orders in the exchange order book, position selection, and risk management. A .dll is included in the book that will emulate connection to a widely used industry API (Trading Technologies, Inc.'s XTAPI) and provide ways to test position and order management algorithms. Design patterns are presented for market taking systems based upon technical analysis as well as for market making systems using intermarket spreads. As all of the chapters revolve around computer programming for financial engineering and trading system development, this book will educate traders, financial engineers, quantitative analysts, students of quantitative finance and even experienced programmers on technological issues that revolve around development of financial applications in a Microsoft environment and the construction and implementation of real-time trading systems and tools. * Teaches financial system design and development from the ground up using Microsoft Visual C++.NET 2005. * Provides dozens of examples illustrating the programming approaches in the book * Chapters are supported by screenshots, equations, sample Excel spreadsheets, and programming code

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.

Your hands-on guide to Visual C# fundamentals Expand your expertise—and teach yourself the fundamentals of Microsoft Visual C# 2013. If you have previous programming experience but are new to Visual C# 2013, this tutorial delivers the step-by-step guidance and coding exercises you need to

master core topics and techniques. Discover how to: Create and debug C# applications in Visual Studio 2013 Work with variables, identifiers, statements, operators, and methods Create interfaces and define abstract classes Write robust code that can catch and handle exceptions Display and edit data using data binding with Microsoft ADO.NET Entity Framework Respond to user input and touchscreen gestures Handle events arising from multiple sources Develop your first Windows 8.1 apps Provides a simple explanation of what makes different materials soft or hard and how they are used for different jobs because of their hardness or softness.

Update to Wrox's leading C# book for beginners Get ready for the next release of Microsoft's C# programming language with this essential Wrox beginner's guide. Beginning Microsoft Visual C# 2010 starts with the basics and brings you thoroughly up to speed. You'll first cover the fundamentals such as variables, flow control, and object-oriented programming and gradually build your skills for Web and Windows programming, Windows forms, and data access. Step-by-step directions walk you through processes and invite you to "Try it Out," at every stage. By the end, you'll be able to write useful programming code following the steps you've learned in this thorough, practical book. The C# 4 programming language version will be synonymous with writing code with in C# 2010 in Visual Studio 2010, and you can use it to write Windows applications, Web apps with ASP.NET, and Windows Mobile and Embedded CE apps Provides step-by-step instructions for mastering topics such as variables, flow controls, and object-oriented programming before moving to Web and Windows programming and data access Addresses expressions, functions, debugging, error handling, classes, collections, comparisons, conversions, and more If you've always wanted to master Visual C# programming, this book is the perfect one-stop resource. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Your hands-on guide to Microsoft Visual C# fundamentals with Visual Studio 2015 Expand your expertise—and teach yourself the fundamentals of programming with the latest version of Visual C# with Visual Studio 2015. If you are an experienced software developer, you'll get all the guidance, exercises, and code you need to start building responsive, scalable Windows 10 and Universal Windows Platform applications with Visual C#. Discover how to: Quickly start creating Visual C# code and projects with Visual Studio 2015 Work with variables, operators, expressions, and methods Control program flow with decision and iteration statements Build more robust apps with error, exception, and resource management Master the essentials of Visual C# object-oriented programming Use enumerations, structures, generics, collections, indexers, and other advanced features Create in-memory data queries with LINQ query expressions Improve application throughput and response time with asynchronous methods Decouple application logic and event handling Streamline development with new app templates Implement the Model-View-ViewModel (MVVM) pattern Build Universal Windows Platform apps that smoothly adapt to PCs, tablets, and Windows phones Integrate Microsoft Azure cloud databases and RESTful web services About You For software developers who are new to Visual C# or who are upgrading from older versions Readers should have experience with at least one programming language No prior Microsoft .NET or Visual Studio development experience required

A unique book-and-DVD package from preeminent programming instructor Rod Stephens Visual C# has become a leading programming language, resulting in greater career opportunities for Visual C# programmers. This Wrox guide literally shows novice programmers how to program in C# with Microsoft Visual Studio, using both written and visual instruction. Easy-to-follow lessons reinforced with step-by-step instructions, screencasts, and supplemental exercises make it easy to master Visual C# programming regardless of your learning style. Each lesson begins with a discussion of a concept or technique and proceeds through step-by-step directions for using the technique. Visual C# has surpassed Visual Basic as the most popular programming language. Coverage Includes: Getting Started with the Visual Studio IDE Creating Controls Making Controls Arrange Themselves Handling Events Making Menus Making Tool Strips and Status Strips Using RichTextBoxes Using Standard Dialogs Creating and Displaying New Forms Building Custom Dialogs Using Variables and Performing Calculations Debugging Code Understanding Scope Working with Strings Working with Dates and Times Using Arrays and Collections Using Enumerations and Structures Making Choices Repeating Program Steps Handling Errors Preventing Bugs Defining Classes Initializing Objects Fine-Tuning Classes Overloading Operators Using Interfaces Making Generic Classes Reading and Writing Files Using File System Classes Printing Using the Clipboard Providing Drag and Drop Localizing Programs Programming Databases LINQ to Objects LINQ to SQL Drawing with GDI+ Making WPF Applications Printing with WPF Note: As part of the print version of this title, videolessons are included on DVD. For e-book versions, video lessons can be accessed at wrox.com using a link provided in the interior of the e-book.

Teach yourself how to build applications with Microsoft Visual C# 2012 and Visual Studio 2012—one step at a time. Ideal for those with fundamental programming skills, this tutorial provides practical, learn-by-doing exercises for mastering core C# language features and creating working applications and components for Windows. Discover how to: Work with variables, non-reserved identifiers, statements, operators, and methods Use the new application models provided by Windows 8 and the Windows Runtime Create interfaces and define abstract classes Manage errors and exception handling Use collection classes Work with databases by using DataBinding with the Entity Framework Respond to user input and gestures; gather input from devices and other sources Handle events arising from multiple sources Develop your first Windows 8 apps

Ready to learn Microsoft Visual Basic? Start Here! Learn the fundamentals of modern programming with Visual Basic 2012—and begin building your first Windows 8 apps for the desktop. If you have absolutely no previous experience with Visual Basic, no problem—simply start here! This book introduces must-know concepts and techniques through easy-to-follow explanations, examples, and exercises. Here's where you start learning Visual Ba-

Learn the fundamentals of programming with Visual Basic Discover how to bind controls to data Design and interact with user interfaces built with XAML Build and debug complete applications Learn the basics of Windows 8 application design Find out how to deliver your applications to the Windows Store

Teach yourself Visual C# 2010-one step at a time. Ideal for developers with fundamental programming skills, this practical tutorial features learn-by-doing exercises that demonstrate how, when, and why to use the features of the C# rapid application development environment. You'll learn how to use Microsoft Visual Studio 2010 and Microsoft .NET Framework 4.0; develop a solid, fundamental understanding of C# language features; and then get to work creating actual components and working applications for the Windows operating system. You'll also delve into data management technologies and Web-based applications.

Using engaging examples and a clear, straightforward approach, MICROSOFT VISUAL C# 2010: AN INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING, FOURTH EDITION guides beginning programmers through developing programs in the C# language. The book provides readers with a strong background knowledge of structured programming, method calling, and parameter passing, all of which are important concepts easily transferable to other programming languages. The Fourth Edition has been written and tested using the latest version of C#, Visual C# 2010, and now offers supplementary video lessons, expanded coverage of methods, and the option to study GUI applications earlier in the text. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Your hands-on, step-by-step guide to building Windows 8 apps with .NET Teach yourself how to build Windows 8 applications using Microsoft .NET Framework 4.5 with Microsoft Visual C# 2012 or Visual Basic 2012—one step at a time. Ideal for those with intermediate to advanced .NET development skills, this tutorial provides practical, learn-by-doing exercises for creating apps that easily adapt to different screen sizes—including desktop and laptop computers, tablets, and slates. C# examples are presented in the text; Visual Basic code examples are available online only. Discover how to: Build apps using Windows 8 design guidelines Explore the Windows 8 application architecture Apply tools and libraries from Visual Studio and the Windows 8 SDK Use XAML to create touch-optimized user interfaces Create apps that make use of device sensors Manage the Windows 8 application lifecycle Prepare your app for the Windows Store

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, 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.

Develop the strong programming skills needed for professional success with Farrell's MICROSOFT VISUAL C# 2017: AN INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING, 7E. Approachable examples and a clear, straightforward style help readers build a solid understanding of both structured and object-oriented programming concepts. You Users master critical principles and techniques that easily transfer to other programming languages. This new edition incorporates the most recent versions of both C# and Visual Studio 2017 to ensure readers have the contemporary skills required in business today. Short You Do It hands-on features and a variety of new debugging exercises, programming exercises, and running case studies help users prepare for success in today's programming environment. Discover the latest tools and expertise for programming success in this new edition. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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)

-- Add extensions to the Developer's Studio Wizards -- 85 examples with complete working code Tired of the inadequate examples and documentation for MFC and Visual C++ development? Don't like what the Developer Studio Wizards give you? Beginning and exper

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.

This book will show you how to transition from previous versions of Microsoft® Visual Studio, to Visual Studio 2010. The book will showcase new features in Visual Studio 2010 that ease the creation of applications. Real-world applications will be used throughout to demonstrate the features and ease of use. This book is for professional developers who are working with previous versions of Visual Studio and are looking to make the move to Visual Studio 2010 Professional. The book is not a language primer, a language reference, or a single technology book. It's a book that will help professional developers move from previous versions of Visual Studio (starting with 2003 and on up). It will cover the features of Visual Studio 2010 through an application. It will go through a lot of the exciting new language features and new versions of the most popular technologies without putting the

emphasis on the technologies themselves. It will instead put the emphasis on how you would get to those new tools and features from Visual Studio 2010. If you are expecting this book to thoroughly cover the new Entity Framework or ASP.NET MVC 2, this is not the book for you. If you want to read a book where the focus is on Visual Studio 2010 and on the reasons for moving to Visual Studio 2010, this is the book for you.

Ready to learn programming? Start Here! Learn the fundamentals of modern programming with Visual C# 2010—and begin building your first apps for the desktop and web. If you have absolutely no previous experience, no problem—simply start here! This book introduces must-know concepts and techniques through easy-to-follow explanations, examples, and exercises. Here's where you start learning Visual C# Learn how an application performs tasks by tracing its code Query and manipulate application data with LINQ Access web services with REST and SOAP Build simple apps with Windows Presentation Foundation Explore rich Internet apps with Microsoft Silverlight Find and fix errors by debugging your applications Put it all together by creating your first programs

Professional Visual Studio 2008 Microsoft Visual Studio 2008 is the latest version in the ongoing evolution of the Integrated Development Environment (IDE), and this resource examines the diverse facets of the IDE—from common tasks to intricate functions to the powerful tools that accompany the main code editing and design windows. Written by a unique author duo and offering an in-depth look at the powerful and fascinating features and techniques of the IDE, this book explores each aspect of the development life cycle from the perspective of how Visual Studio 2008 can make your life easier. Each chapter is packed with examples that illustrate uses for various tools, commands, and shortcuts of Visual Studio 2008. You will gradually learn to identify where a feature is used, conclude how you can use it to its fullest potential, and then seamlessly apply that feature to help solve real-world problems.

Your hands-on guide to Visual C++/CLI fundamentals Expand your expertise—and teach yourself the fundamentals of the Microsoft Visual C++/CLI language. If you have previous programming experience but are new to Visual C++, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Write and debug object-oriented C++ programs in Visual Studio 2012 Utilize the various features of the C++/CLI language Make use of the Microsoft .NET Framework Class Library Create a simple Windows Store app Use .NET features such as properties, delegates, and events Access data from disparate sources using ADO.NET Create and consume web services using Windows Communication Foundation Work effectively with legacy code and COM

Your expert guide to building modern applications with Visual Basic 2010 Take control of Visual Basic 2010—for everything from basic Windows and web development to advanced multithreaded applications. Written by Visual Basic experts, this handbook provides an in-depth reference on language concepts and features, as well as scenario-based guidance for putting Visual Basic to work. It's ideal whether you're creating new applications with Visual Basic 2010 or upgrading projects built with an earlier version of the language. Discover how to: Use Visual Basic 2010 for Windows Forms and Windows Presentation Foundation projects Build robust code using object-oriented programming techniques, such as classes and types Work with events and delegates—and add your own events to custom classes Program arrays, collections, and other data structures in the Microsoft .NET Framework Solve problems quickly and easily using My namespace in Visual Basic Dive into Microsoft LINQ, including LINQ to XML and LINQ to Entities Tackle threading, multitasking, and multiprocessor development and debugging

Code and explanation for real-world MFC C++ Applications

This end-to-end deep dive into Microsoft Visual Studio 2010 Professional will help working developers squeeze maximum productivity out of Visual Studio 2010's extraordinarily rich toolbox, whether they are writing code for the Web, Windows, Silverlight, or Microsoft's Azure cloud computing environment. 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 learn how to use Visual Studio 2010 Professional to take full advantage of the entire .NET platform, including Windows Presentation Foundation (WPF) for rich client development, Windows Communication Foundation (WCF) for building dynamic service-oriented solutions, and Windows Workflow Foundation (WF) for structured programming around business processes. The authors also present extensive new coverage of Microsoft's powerful new tools for unit testing, application instrumentation, and code analysis. By focusing entirely on Visual Studio 2010 Professional, the authors have gone deeper into Microsoft's core product than ever before. Throughout, their focus is relentlessly practical: how to apply Microsoft's tools to build better software, faster. Detailed information on how to... Work with solutions, projects, browsers, explorers, editors, and designers Write better macros, add-ins, and wizards Save more time with Visual Studio 2010's updated productivity tools Instrument, analyze, and test your software Refactor code for greater robustness, maintainability, and performance Share code with team members and the larger community Write powerful ASP.NET, ASP.NET MVC, and Silverlight web applications Implement robust service oriented architecture (SOA)-based applications Efficiently consume services with WCF Write advanced Windows applications with Windows Forms and WPF Construct data-centric applications with LINQ and Entity Framework Create and host workflow-based applications with WF Write applications for the Azure cloud Extend Visual Studio with the new Managed Extensibility Framework (MEF) and the Automation Object Model Build better object-oriented VB or C# software, and use new dynamic language features

This fixed-layout eBook teaches all essential web technologies from A to Z. Skillfully written, extremely succinct, with a lot of tables, diagrams, examples and screen output, it touches the latest experimental technology in action. Covering some hardly documented 'tricks' beyond the basics, this book guarantees to transform an Internet newcomer to an accomplished web developer. For every web developer, it is a handy must-have. As we know, various web technologies are interconnected and it is impossible to fully master one technology without knowing another. Traditionally, a serious web developer needs to rely on several books or sources when coding a website. This book represents an all-in-one solution. It presents to you a holistic view of all essential web technologies. It means spending less money and time in learning more. The topics include HTML, CSS, JavaScript, PHP, AJAX, SQL, XML, XPath, XSD, XQuery, XSLT, SVG, Canvas, WebGL, Java Applet, Flash ActionScript, Red5, Firebase, WebRTC, htaccess, mod_rewrite, jQuery, cURL, WordPress, SEO etc. (This eBook should be read using a fixed-layout-compatible (epub3) reader such as the Gitden Reader in Android.)

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 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

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.

Get the hands-on, step-by-step guide to learning the latest enhancements in Microsoft Visual C# 2008. Visual C#, one of the tools in Microsoft Visual Studio 2008, is a modern programming language designed to deliver a productive environment for creating business frameworks and reusable object-oriented components. Whether you're a beginning programmer or new to the Visual C# programming language, you'll learn how to use the fundamental features of Visual Studio 2008 and gain a basic understanding of the latest enhancement of the Visual C# language. You'll work at your own pace through hands-on, learn-by-doing exercises, get started creating components and working Windows applications, and build your knowledge as you start creating your first Visual C#-based applications. You'll also explore how to create data management and Web-based applications. In each chapter, work through learn-by-doing exercises that demonstrate how, when, and why to use the many features of the Visual C# rapid application development environment. Includes a companion CD with code samples, data sets, and a fully searchable eBook. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Another day without Test-Driven Development means more time wasted chasing bugs and watching your code deteriorate. You thought TDD was for someone else, but it's not! It's for you, the embedded C programmer. TDD helps you prevent defects and build software with a long useful life. This is the first book to teach the hows and whys of TDD for C programmers. TDD is a modern programming practice C developers need to know. It's a different way to program---unit tests are written in a tight feedback loop with the production code, assuring your code does what you think. You get valuable feedback every few minutes. You find mistakes before they become bugs. You get early warning of design problems. You get immediate notification of side effect defects. You get to spend more time adding valuable features to your product. James is one of the few experts in applying TDD to embedded C. With his 1.5 decades of training, coaching, and practicing TDD in C, C++, Java, and C# he will lead you from being a novice in TDD to using the techniques that few have mastered. This book is full of code written for embedded C programmers. You don't just see the end product, you see code and tests evolve. James leads you through the thought process and decisions made each step of the way. You'll learn techniques for test-driving code right next to the hardware, and you'll learn design principles and how to apply them to C to keep your code clean and flexible. To run the examples in this book, you will need a C/C++ development environment on your machine, and the GNU GCC tool chain or Microsoft Visual Studio for C++ (some project conversion may be needed).

Your hands-on, step-by-step guide to building Windows 8 apps with Microsoft Visual C++ Teach yourself how to build Windows 8 applications using the Visual C++ language—one step at a time. Ideal for those with intermediate to advanced C++ development skills, this tutorial provides practical,

learn-by-doing exercises for creating apps that can adapt to different screen sizes—including desktop and laptop computers, tablets, and slates. Discover how to: Build apps using Windows 8 design guidelines Explore the Windows 8 application architecture Apply tools and libraries from Microsoft Visual Studio and the Windows 8 SDK Use XAML to create touch-optimized user interfaces Create apps that make use of device sensors Manage the Windows 8 application lifecycle Prepare your app for the Windows Store

MICROSOFT VISUAL BASIC 2010: COMPLETE teaches students the essentials of computer programming using the latest Visual Basic programming language, Visual Basic 2010. Nine chapters and four appendices cover topics such as designing a Visual Basic user interface, creating a windows application, variables and arithmetic operations, mobile applications using decision structures, loop structures, Visual Studio tools for Office applications, and function procedures and exception handling. Written in a straight-forward style with the innovative Guided Program Development section in each chapter, this text makes it easy for any novice programmer to understand the core capabilities and fundamental skills and techniques for Visual Basic 2010. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

* One of the first books to really offer C# programmers a set of cut-and-paste Visual C# 2005 solutions, in the Apress Recipes series format. Every recipe is specifically chosen and written to help the emerging Visual C# 2005 professional do their job from day one. * The Apress Recipes series balances code and textual explanations perfectly to explain the new nuances of Visual C# 2005 as well as present the code recipes themselves. * The code in this book comes as a complete stand-alone Visual Studio 2005 Solution, complete with unit tests for all recipes. This means the solutions are really ready to run as soon as the reader opens the book. * Code is authoritative and follows Microsoft's best-practice guidelines for .NET 2.0.

Skip the basics and delve right into Visual Studio 2017 advanced features and tools Professional Visual Studio 2017 is the industry-favorite guide to getting the most out of Microsoft's primary programming technology. From touring the new UI to exploiting advanced functionality, this book is designed to help professional developers become more productive. A unique IDE-centric approach provides a clear path through the typical workflow while exploring the nooks and crannies that can make your job easier. Visual Studio 2017 includes a host of features aimed at improving developer productivity and UI, and this book covers them all with clear explanation, new figures, and expert insight. Whether you're new to VS or just upgrading, this all-inclusive guide is an essential resource to keep within arm's reach. Visual Studio 2017 fixes the crucial issues that kept professionals from adopting VS 2015, and includes new features and tools that streamline the developer's job. This book provides the straightforward answers you need so you can get up to speed quickly and get back to work. Master the core functionality of Visual Studio 2017 Dig into the tools that make writing code easier Tailor the environment to your workflow, not the other way around Work your way through configuration, debugging, building, deployment, customizing, and more Microsoft is changing their release cadence—it's only been about two years since the last release—so developers need to quickly get a handle on new tools and features if they hope to remain productive. The 2017 release is designed specifically to help you get more done, in less time, with greater accuracy and attention to detail. If you're ready to get acquainted, Professional Visual Studio 2017 is your ideal guide.

Experience learning made easy-and quickly teach yourself how to manage your projects with Project 2010. With Step By Step, you set the pace-build and practicing the skills you need, just when you need them! Topics include building a project plan and fine-tuning the details; scheduling tasks, assigning resources, and managing dependencies; monitoring progress and costs; keeping projects on track; communicating project data through Gantt charts and other views.

C# has quickly established itself as one of the world's most widely used programming languages. The newest version, Visual C# 2010, includes several important new features, including Silverlight, the Entity Framework, tighter integration with version 4.0 of the .NET Framework, and full support for programming Windows 7 and Office. The proven Sams Teach Yourself method will help all newcomers to C# 2010 get up to speed quickly, no matter whether you've had experience with previous versions of Visual C# or not. You are taken step by step through the process of software development, learning elements as you build a sample application so that the material is framed in a real world approach. The accompanying DVD contains Visual C# 2010 Express Edition, and the companion Web site contains all the code and exercises from the book. Step-by-step instructions carefully walk you through the most common tasks Q & As, quizzes, and exercises at the end of each chapter help you test your knowledge Notes and tips point out shortcuts and solutions The companion DVD contains Visual C# 2010 Express Edition - everything you need to get started programming in C#