

## Beginning Visual Basic 2015

In-depth coverage of the major Visual Studio 2015 revamp Professional Visual Studio 2015 is the leading pro's guide to new and upgraded features of Microsoft Visual Studio. With a unique IDE-centric approach and deep dive into the software's many nooks and crannies, this book will bring you up to speed quickly on everything Visual Studio 2015 has to offer. Whether you're new to Visual Studio or just upgrading, you'll appreciate in-depth, professional explanation of updates, features, and support. Visual Studio 2015 is packed with improvements that increase productivity, and this book walks you through each one in succession to help you smooth your workflow and get more accomplished. From customization and the interface to code snippets and debugging, the Visual Studio upgrade expands your options — and this book is your fast-track guide to getting on board quickly. The Visual Studios 2015 release fixes a number of issues that deterred many professionals from adopting VS 2013. Old products have been retooled, and new features are aimed at productivity enhancement and fixes to UI. Fully aligned with VS 2015, this guide walks you through the changes and helps you incorporate helpful new features into the way you work. Discover new options for themes, displays, and settings Learn the new workflow and shortcuts to ASP.NET code Master improved debugging and unit testing support capabilities Exploit changes to Windows STORE apps, phone apps, Azure, and SharePoint

Get started with Visual C# programming with this great beginner's guide Beginning C# 6 Programming with Visual Studio 2015 provides step-by-step directions for programming with C# in the .NET framework. Beginning with programming essentials, such as variables, flow control, and object-oriented programming, this authoritative text moves into more complicated topics, such as web and Windows programming and data access within both database and XML environments. After your introduction to each of the chapters, you are invited to apply your newfound knowledge in Try it Out sections, which reinforce learning and help you understand the practical applications of the new concepts you have explored. Through this approach, you can write useful programming code following each of the steps that you explore in this essential text. Discover the basics of programming with C#, such as variables, expressions, flow control, and functions Discuss how to keep your program running smoothly through debugging and error handling Understand how to navigate your way through key programming elements, such as classes, class members, collections, comparisons, and conversions Explore object-oriented programming, web programming, and Windows programming Beginning C# 6 Programming with Visual Studio 2015 is a fundamental resource for any programmers who are new to the C# language.

Easily get started programming using the ultra-versatile C# 7 and Visual Studio 2017 Beginning C# 7 Programming with Visual Studio 2017 is the beginner's ultimate guide to the world's most popular programming language. Whether you're new to programming entirely, or just new to C#, there has never been a better time to get started. The new C# 7 and Visual Studio 2017 updates feature a number of new tools and features that streamline the workflow, simplify the code, and make it easier than ever to build high-quality apps. This book walks you through everything you need to know, starting from the very basics, to have you programming in no time. You'll learn about variables, flow control, and object oriented programming, then move into Web and Windows programming as well as databases and XML. The companion website provides downloadable code examples, and practical Try It Out sections provide explicit, step-by-step instructions for writing your own useful, customizable code. C# 7 can be used to build Windows applications, program Windows 10, and write Web apps when used alongside ASP.NET. With programming skills becoming de rigueur in fields far beyond the tech world, C# 7 is a great place to start building versatile, helpful skills. This book gets you started quickly and easily with instruction from a master-team of C# programmers. Learn how to program using the world's leading programming language Build smarter, faster apps using the latest features in C# 7 and Visual Studio 2017 Find and fix bugs sooner, saving headaches down the line Integrate with all .NET Core, Azure applications, cloud services, Docker containers, and more The world of programming can seem intimidating to a beginner, and the prospect of learning a whole new "language" can seem daunting. Beginning C# 7 Programming with Visual Studio 2017 demystifies the process and shows you how to bring your ideas to life.

Complete coverage of all key .NET 4 and Visual Studio 2010 languages and technologies .NET 4 is Microsoft's latest version of their core programming platform, and Visual Studio 2010 is the toolset that helps write .NET 4 applications. This comprehensive resource offers one-stop shopping for all you need to know to get productive with .NET 4. Experienced author and .NET guru Mitchel Sellers reviews all the important new features of .NET 4, including .NET charting and ASP.NET charting, ASP.NET dynamic data and jQuery, and the addition of F# as a supported package language. The expansive coverage is divided into six distinctive parts for easy navigation, and addresses: Visual Studio 2010, .NET 4, ASP.NET, the C# language, the VB.NET language, and the new F# language. A practical approach and complete examples round out this much-needed reference. Focuses on the new and important features of the latest version Microsoft's core programming platform-.NET 4-as well as Visual Studio 2010, which allows you to write .NET 4 applications Provides comprehensive coverage divided into six parts: Visual Studio 2010, .NET 4, ASP.NET, the C# language, the VB.NET language, and the new F# language Discusses Visual Studio snippets and templates, .NET charting components, the .NET framework and WPF, LINQ, and the Entity framework Explores various aspects of Visual Basic 2010, such as multi-line lambdas, auto-implemented properties, nullable optional parameters, and more This investigative look at .NET 4 and Visual Studio 2010 will help you identify and isolate key elements that can benefit you immediately.

This Wrox Blox shows you how to add graphics to Visual Basic 2008 applications by explaining fundamental graphics techniques such as: drawing shapes with different colors

and line styles; filling areas with colors, gradients, and patterns; drawing text that is properly aligned, sized, and clipped exactly where you want it; manipulating images and saving results in bitmap, JPEG, and other types of files. Also covered are instructions for how to greatly increase your graphics capabilities using transformations, which allow you to move, stretch, or rotate graphics. They also let you work in coordinate systems that make sense for your application. The author also describes techniques for using the above in printouts, describing the sequence of events that produce a printout and show how to generate and preview printouts, with examples which show how to wrap long chunks of text across multiple pages, if necessary. In addition, you will learn about two powerful new graphic tools that were introduced with .NET Framework 3.0: WPF graphics and FlowDocuments. XAML graphic commands allow a WPF application to draw and fill the same kinds of shapes that a program can draw by using graphics objects. Finally, a discussion on the FlowDocument object shows you how to define items that should be flowed across multiple pages as space permits. This lets you display text, graphics, controls, and other items that automatically flow across page breaks. FlowDocument viewers make displaying these documents easy for you, and simplifies the user's reading of the documents. This Wrox Blox also contains 35 example programs written in Visual Basic 2008, although most of the code works in previous versions of Visual Basic .NET as well. The most notable exceptions are WPF graphics and FlowDocuments, both of which require WPF provided in .NET Framework 3.0 and later.

Although Murach's Beginning Visual Basic .NET is designed for people who are new to the .NET Framework, Visual Basic, or even programming, its goals are ambitious. In just 20 chapters, you'll learn how to develop graphical user interfaces, how to develop applications that work with databases through ADO.NET, how to develop web applications that use Web services and XML, and much more. It's all there in the unique Murach style that has been training professional programmers for more than 25 years.

Readers learn fundamental programming concepts paired with both business applications and fun, engaging game applications -- all within the fully revised 6th Edition of MICROSOFT VISUAL BASIC 2015: RELOADED. This dynamic book provides a solid foundation in programming principles while clearly demonstrating how to most effectively use those principles. The book begins by covering the basics, from creating user interfaces to understanding variables, constants, and calculations. Building on this knowledge, coverage progresses to more advanced topics, such as manipulating and querying a Microsoft Access database, creating Web applications, and creating classes and objects. This new edition combines powerful, proven learning features from previous editions with the latest content. Clear explanations detail the new features of Visual Basic 2015 while new examples and applications illustrate how those features are put to work. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Pro HTML5 with Visual Studio 2015 is written to help ASP.NET developers make the leap to the inevitable and exciting world of HTML5. With this book, you'll quickly master the new HTML elements, the improved CSS features, and advanced content including audio, video, canvas, SVG, and drag and drop capabilities. You will also learn how your enterprise applications can benefit from some brand-new technology such as web workers and web sockets. Using practical hands-on demonstrations you will learn all of the really cool features that you can start using now, within your existing ASP.NET applications. HTML5 promises to revolutionize the way web sites are developed with an impressive set of built-in client-side features. The use of HTML5 as a preferred development language in Windows 10, along with growing support from the major browser vendors, is likely to make HTML5 the de-facto standard for all future web development. The number of HTML5-capable phones alone is estimated to top 2 billion by 2016. Many professional web developers who are firmly rooted in the Microsoft toolset such as Visual Studio, Active Server Pages, and .NET are trying to understand how HTML5 fits into their world. Written with the Visual Studio 2015 developer in mind, this book: Illustrates how to integrate the new HTML5 features in an ASP .NET MVC6 application Explains how to add active content including video and graphics Demonstrates the new scripting features of HTML5 such as application cache and local storage

Now readers can master Microsoft Visual Basic with the step-by-step, visual approach and professional programming opportunities in MICROSOFT VISUAL BASIC 2015 FOR WINDOWS, WEB, WINDOWS STORE, AND DATABASE APPLICATIONS: COMPREHENSIVE. This book's innovative step-by-step approach blends demonstrations of professional-quality programs with in-depth discussions of programming concepts and techniques. Reader have numerous opportunities for hands-on practice and actual programming in each chapter. The new edition retains popular features and pedagogy from this best-selling series, while emphasizing changes in today's increasingly mobile-oriented world. This book provides a strong foundation for the number one job in today's tech sector -- app development -- as readers learn Windows programming for 2015, including Windows Desktop, database, web, and Windows Store development. Chapter 12, which covers the Windows Store, will be posted online at CengageBrain.com, to provide readers with the latest updates for Windows 10. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

In this fully updated second edition, award-winning author Tim Leung explains how to build data-centric business applications for the desktop, cloud, web, and mobile devices in just a few clicks—with no code required—using Visual Studio Lightswitch 2015. This book explains the basics of Visual Studio Lightswitch 2015 plus new features and key advanced topics that every Microsoft developer needs to know to create modern data services and build clients that can run on multiple devices. Visual Studio LightSwitch 2015 is a rapid application deployment tool that simplifies and shortens the time needed to develop business applications. The basics are very easily understood but more advanced users will hunger for more. How do you design complex layouts? How do you query data using LINQ and other syntax structures? How do you secure your application against malicious use? Visual Studio LightSwitch 2015 answers these questions and more as author Tim Leung—winner of a Microsoft 2011 Community Contributor Award for his

LightSwitch expertise—covers this breakthrough product in detail. For serious developers building, enhancing, and deploying advanced business applications using LightSwitch makes sense because they can benefit from the elegance, convenience, and cost savings afforded by rapid application development before going beyond the "click-and-you're-done" interface to include the extra value and depth of coding expertise that their clients value. What You Will Learn: Build Desktop and HTML5 business applications for PC or mobile devices Create compelling user interfaces that can support multiple languages Fine tune your application with C#, VB.NET, JQuery, JavaScript, and CSS code Integrate with mapping, GPS, and location services Provide email notification, and Microsoft Office compatible data exports Enable users to carry out advanced searches on data Build screen controls that you can share with other developers

Visual Basic .NET (VB.NET) is a multi-paradigm, high level programming language, implemented on the .NET Framework. This book covers the features of the new release of Visual Basic .NET. Sams Teach Yourself Visual Basic in 24 Hours is perfect for people new to programming, as well as those moving from another language to Visual Basic. It focuses on programming principles. Throughout this book, you will learn to build an application – a Picture Viewer, complete with file browsing, printing, basic graphics drawing, menus, toolbars, and more. As you complete each chapter, your knowledge and confidence grow. Upon completing the book, you will have amassed a core set of skills that allows you to move to bigger projects.

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.

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

"Covers Visual Studio Community 2015"--Cover.

Describes the basics of the Visual Basic language, covering such topics as Microsoft .NET Framework, data types, data structures, dialog boxes, creating menus, building objects, class libraries, and database programming.

For courses in Visual Basic Programming From the Beginning: A Comprehensive Introduction to Visual Basic Programming Schneider's Introduction to Programming Using Visual Basic, Tenth Edition brings continued refinement to a textbook praised in the industry since 1991. A favorite for both instructors and students, Visual Basic 2015 is designed for readers with no prior computer programming experience. Schneider introduces a problem-solving strategy early in the book and revisits it throughout allowing you to fully develop logic and reasoning. A broad range of real-world examples, section-ending exercises, case studies and programming projects gives you a more hands-on experience than any other Visual Basic book on the market. The Tenth Edition keeps the pace with modern programming methodology while incorporating current content and practices. Each chapter is rich yet concise due to the author's focus on developing chapters around crucial subjects rather than covering too many topics superficially. The amount and the range of projects provided in the text offer flexibility to adapt the course according to the interests and abilities of the readers. Some programming projects in later chapters can be assigned as end-of-the-semester projects. Also available with MyProgrammingLab (tm) . MyProgrammingLab is an online learning system designed to engage students and improve results. MyProgrammingLab consists of a set of programming exercises correlated to specific Pearson CS1/Intro to Programming textbooks. Through practice exercises and immediate, personalized feedback, MyProgrammingLab improves the programming competence of beginning students who often struggle with the basic concepts of programming languages. Interactive Practice provides first-hand programming experience in an interactive online environment. Error Messages for Incorrect Answers give students immediate personalized feedback. The error messages include both the feedback from the compiler and plain English interpretations of likely causes for the incorrect answer. Step-by-step VideoNote Tutorials enhance the programming concepts presented in your Pearson textbook by allowing students to view the entire problem-

solving process outside of the classroom-when they need help the most. Pearson eText gives students access to their textbook anytime, anywhere. In addition to note taking, highlighting, and bookmarking, the Pearson eText offers interactive and sharing features. Rich media options let students watch lecture and example videos as they read or do their homework. Instructors can share their comments or highlights, and students can add their own, creating a tight community of learners in your class. The Pearson eText companion app allows existing subscribers to access their titles on an iPad or Android tablet for either online or offline viewing. Dynamic grading and assessment provide auto-grading of student assignments, saving you time and offering students immediate learning opportunities: A dynamic roster tracks their performance and maintains a record of submissions. The color-coded gradebook gives you a quick glance of your class' progress. Easily drill down to receive information on a single student's performance or a specific problem. Gradebook results can be exported to Excel to use with your LMS.

For courses in Visual Basic Programming Visual Basic fundamentals Rich in concise, practical examples, Starting Out With Visual Basic covers the tools and features of Visual Basic, and when and how to use them. The authors introduce the fundamentals of Visual Basic in clear, easy-to-understand language, making it accessible to novice programming students. Students not only learn how to use the various controls, constructs, and features of Visual Basic, but also why and when to use them. The 8th Edition includes updates for compatibility with Visual Studio 2017. Also available with MyLab Programming By combining trusted author content with digital tools and a flexible platform, MyLab Programming personalizes the learning experience and improves results for each student. With MyLab Programming, students work through hundreds of short, auto-graded coding exercises and receive immediate and helpful feedback based on their work. NOTE You are purchasing a standalone product; MyLab(TM) Programming does not come packaged with this content. Students, if interested in purchasing this title with MyLab Programming, ask your instructor to confirm the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information.

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 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](http://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 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/>

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 Basic Learn the fundamentals of programming with Visual Basic Discover how to 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

This book gets you off to a fast start by showing develop real world Visual Basic 2015 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

The complete guide to the productivity and performance enhancements in ASP.NET Beginning ASP.NET for Visual Studio 2015 is your ultimate guide to the latest upgrade of this historically popular framework. Fully updated to align with the vNext release, this new edition walks you through the new tools and features that make your workflow smoother and your applications stronger. You'll get up to speed on the productivity and performance improvements, and learn how Microsoft has committed itself to more continuous innovation by increasing its release cadence for all products and services going forward. Coverage includes Async-aware debugging, ADO.NET idle connection resiliency, managed return value inspection, ASP.NET app suspension, on-demand large object heap compaction, multi-core JIT and more. The news of an off-cycle update to ASP.NET came as a surprise, but its announcement garnered cheers at the 2014 Microsoft BUILD conference. This guide shows you what all the fuss is about, and how Microsoft overhauled the latest ASP.NET release. Get acquainted with the new developer productivity features Master the new tools that build better applications Discover what's new in Windows Store app development Learn how Microsoft fixed the issues that kept you from v5 Over 38 million websites are currently using ASP.NET, and the new upgrade is already leading to increased adoption. Programmers need to master v6 to remain relevant as web development moves forward. Beginning ASP.NET for Visual Studio 2015 walks you through the details, and shows you what you need to know so you can get up and running quickly.

Using Visual Basic 2015, developers can build cutting-edge applications that run practically anywhere: on Windows desktops, new Windows 10 devices, in mobile and cloud environments, and beyond. Visual Basic 2015 Unleashed is the most comprehensive, practical reference to modern programming with VB 2015. Long-time Visual Basic MVP Alessandro Del Sole walks you through the latest version of the language, helping you thoroughly master its most valuable features, most powerful programming techniques, and most effective development patterns. Next, he shows how to use Visual Basic 2015 to build robust, effective software in a wide range of environments. Extensively updated for Visual Basic 2015's major improvements, this guide covers both Visual Basic 2015 Professional Edition for professional developers and the free Community Edition for hobbyists, novices, and students. Del Sole has added detailed coverage of building new universal Windows apps for Windows 10 and using new Visual Studio 2015 capabilities to supercharge your productivity as a developer. If you want to leverage all of VB 2015's power, this is the book you need. Detailed information on how to... Understand the Visual Studio 2015 IDE, .NET Framework 4.6 and the new .NET Core 5, and the anatomy of a VB 2015 application Debug VB applications and implement error handling and exceptions Keep your code clean and well-organized with VB 2015's new refactoring tools Master modern VB object development: namespaces, modules, structures, enums, inheritance, interfaces, generics, delegates, events, collections, iterators, and more Share Visual Basic code with Portable Class Libraries and Shared Projects Access data with LINQ and ADO.NET Entity Framework Manipulate XML documents with LINQ and XML Literals Build and deploy applications to run in the Microsoft Azure cloud Develop universal Windows apps that run on any Windows 10 device Use advanced .NET 4.6 platform capabilities, including async and parallel programming, multithreading, assemblies, reflection, and coding attributes Leverage new compiler APIs to write custom domain-specific live code analysis rules Test code with unit tests and TDD Deploy apps efficiently with InstallShield for Visual Studio and ClickOnce

The ultimate beginner's guide to programming in Visual Basic 2012 Visual Basic, used to write Windows applications and web apps with ASP.NET, is an essential language for beginning programmers. Using the time-tested Wrox approach, this guide provides a step-by-step format that gets beginners up and running quickly and confidently. Essential topics covered include writing Windows applications, working with dialog boxes and menus, object oriented programming techniques, programming for graphics, using Visual Basic with ASP.NET for web apps, and dealing with data access and SQL Server. Visual Basic is a popular first language for beginning programmers; this Wrox beginner's guide covers all aspects of the newest version Uses a basic, step-by-step approach to help beginners learn quickly and easily Covers essential topics including flow control, data structure, writing Windows applications, error handling and debugging, objects and object oriented techniques, and class libraries Explains Windows Forms, graphics programming, accessing databases, web programming using Visual Basic with ASP.NET, data access, SQL Server, ADO.NET, and XML Beginning Visual Basic 2012 is a must-have for programming newcomers who want to get a solid footing in one of the most important programming languages.

Learn Visual Basic step by step and start programming right away Beginning Visual Basic 2015 is the ideal guide for new programmers, especially those learning their first language. This new edition has been updated to align with Visual Studio 2015, and also refocused to concentrate on key beginner topics. Precise, step-by-step instructions walk you through important tasks, and clear explanations targeted to beginners will have you writing your first Visual Basic application quickly. You'll start from the absolute beginning, assuming no prior programming experience, and then gradually build your skills to write Visual Basic applications for Windows and the Web. Coverage includes objects, class libraries, graphics, databases, and much more, with explicit

instructions on using ASP.NET, SQL Server, ADO.NET, and XML. Visual Studio is the usual environment for Visual Basic programming, and the latest upgrade has made Visual Basic more feature compatible with C# to allow programmers to move fluidly between the two languages. Don't know C#? Don't worry! This book starts from the very beginning of Visual Basic programming to help you build your skills from the ground-up. Understand flow control and data structure Debug Windows applications, dialog boxes, and menus Master objects and object-oriented techniques Access databases, program graphics, and program for the Web Over three million programmers use Visual Basic, and many of them learned it as their first language. It's beginner-friendly, versatile, and visually oriented, making it an ideal introduction to the programming mindset, workflow, and hard skills. Beginning Visual Basic 2015 gets you started on the right foot, with clear, patient instruction and plenty of hands-on practice.

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)

Visual Basic in easy steps, 4th edition shows you how to quickly create Windows applications using the latest free Visual Studio Community 2015 programming environment. This book gives you code examples, screenshots, and step-by-step instructions that illustrate each aspect of Visual Basic. Visual Basic in easy steps, 4th edition begins by describing the Visual Studio Community 2015 installation process, then introduces form controls, application properties, the programming language, and problem-solving techniques. Next, the book illustrates by example, how to build and deploy a complete Windows application. A chapter is devoted to scripting with Visual Basic. This first shows you how to create 'macros' for Word and Excel in Microsoft Office, using Visual Basic for Applications (VBA), then demonstrates how to manipulate files and data within the Windows operating system using VBScript. You will learn how to incorporate external data into your applications from text files, Excel spreadsheets, XML documents, live RSS web feeds, and SQL databases. You need have no previous knowledge of any programming language so it's ideal if you're a newcomer to Windows programming. Each chapter builds your knowledge of Visual Basic. By the end of this book you will have gained a sound understanding of Visual Basic programming and be able to create your own interactive applications. Visual Basic in easy steps, 4th edition has an easy-to-follow style that will appeal to anyone who wants to begin Windows programming. It will appeal to programmers who want to quickly learn the latest Visual Basic techniques, and to the student who is studying computing at school or college, and to those seeking a career in Information Technology who need a thorough understanding of Visual Basic programming.

This book teaches you how to program in VB.NET - a general-purpose, high-level programming language widely used today. This book is designed for people without much experience in the world of programming. You will learn the basics of VB.NET - what a variable is, how to perform arithmetic operations, if statement, for loops, how to capture user input, and much more. I will also describe how you can work with classes and databases using VB.NET.

What is this book about? Visual Basic .NET is the latest version of the most widely used programming language in the world, popular with professional developers and complete beginners alike. This book will teach you Visual Basic .NET from first principles. You'll quickly and easily learn how to write Visual Basic .NET code and create attractive windows and forms for the users of your applications. To get you started on the road to professional development, you'll also learn about object-oriented programming, creating your own controls, working with databases, creating menus, and working with graphics. This second edition has been thoroughly tested on the full release version of .NET. The book is written in the proven Wrox beginning style with clear explanations and plenty of code samples. Every new concept is explained thoroughly with Try It Out examples and there are end-of-chapter questions to test yourself. What does this book cover? In this book, you will learn how to Install Visual Basic .NET Write Visual Basic .NET code Understand what the .NET Framework is and why it's important Control the flow through your application with loops and branching structures Create useful windows and screens Create your own menus Gain a complete understanding of object-oriented programming Work with graphics Create your own controls Access databases with ADO.NET Create applications for the Web Who is this book for? This book is aimed at readers who wish to learn to program using Visual Basic .NET. It assumes you have no prior experience of programming, but moves at a fast enough pace to be interesting if you have programmed in another language.

\* Provides a good foundation for Microsoft Access and Visual Basic database programming \* Offers thorough coverage of object-oriented programming, including how to create data handling classes and ActiveX controls for code reusability \* Covers DAO, ADO, ASP, and SQL, and demonstrates how to take data mining to the next level

Beginning Visual Basic 2015 John Wiley & Sons

With Visual Basic 2015, the Visual Basic programming language has been extended with 16 new language features and syntactical constructs, plus the coding experience in Visual Studio 2015 adds 8 new great possibilities that help developers write code more quickly and efficiently at the same time. In the end, at least 11 new features have been added to the tooling in Visual Studio 2015 that are specific to Visual Basic code and apps. The combination of syntax, coding experience, and tooling dramatically enhances the development experience with Visual Basic 2015. More than just a language reference, this book teaches developers of all levels - from an early Visual Basic developer to one with a great deal of experience - the fundamentals of developing all types of applications in Visual Basic. The author clearly explains the Visual Basic through the use of practical examples, tips, and tricks. This book has been extended and integrated with the many new features in Visual Basic 2015.

BEGINNING VISUAL BASIC is a semester long self-study step-by-step programming tutorial consisting of 10 Chapters explaining (in simple, easy-to-follow terms) how to build a Visual Basic Windows application. Students learn about project design, the Visual Basic toolbox, and many elements of the Visual Basic language. Numerous examples are used to demonstrate every step in the building process. The tutorial also includes several detailed computer projects for students to build and try.? These projects include a number guessing game, card game, allowance calculator, drawing program, state capitals game, and a couple of video games like Pong. We now include several college prep projects including a loan calculator, portfolio manager, and a checkbook balancer. BEGINNING VISUAL BASIC is presented using a combination of over 400 pages of course notes and actual Visual Basic examples. No prior programming experience is necessary, but familiarity with doing common tasks using Microsoft Windows is expected.? BEGINNING VISUAL BASIC requires a Microsoft Windows operating system. This tutorial also requires the free Community Edition or Professional Edition of Microsoft Visual Studio 2015 (or above). The Visual Basic source code solutions and all needed multimedia files are included in

the compressed download file available from the Publisher's website (KidwareSoftware.com) after book registration.

The definitive programming guide to ASP.NET, by popular author and Microsoft MVP Imar Spaanjaars Updated for ASP.NET 4, this introductory book retains its helpful examples and step-by-step format from the previous version and keeps the style of offering code examples written in both C# and Visual Basic. Beloved author and Microsoft ASP.NET MVP walks you through ASP.NET, Microsoft's technology for building dynamically generated Web pages from database content. You'll discover many improvements that ASP.NET 4 offers over the previous version, such as the ASP.NET MVC framework, Ajax improvements, jQuery support, and more. You'll gradually build a Web site example that takes you through the processes of building basic ASP.NET Web pages, adding features with pre-built server controls, designing consistent pages, displaying data, and more. Popular author and Microsoft ASP.NET MVP Imar Spaanjaars updates you on the latest updates to ASP.NET 4, Microsoft's technology for building dynamic Web pages from database content Shows you how the 4 version differs from ASP.NET 3.5 and reviews its new features, including the ASP.NET MVC framework, various Ajax improvements, jQuery support, and more Spaanjaars's distinct writing style puts you at ease with learning ASP.NET 4.

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](http://informit.com/title/9780672337369) as they become available.

Learn to create Windows applications using Visual Basic 2019. Code examples, screenshots, and step-by-step instructions illustrate each aspect of Visual Basic, so you'll be creating your own interactive applications in no time! Visual Basic in easy steps, 6th edition gives you code examples, screenshots, and step-by-step instructions that illustrate each aspect of Visual Basic. You need have no previous knowledge of any programming language so it's ideal if you're a newcomer to Windows programming. Each chapter builds your knowledge of Visual Basic. By the end of this book you will have gained a sound understanding of Visual Basic programming and be able to create your own interactive applications. Visual Basic in easy steps, 6th edition has an easy-to-follow style that will appeal to anyone who wants to begin Windows programming. It will appeal to programmers who want to quickly learn the latest Visual Basic techniques, and to the student who is studying computing at school or college, and to those seeking a career in Information Technology who needs a thorough understanding of Visual Basic programming. Table of Contents: 1. Getting started 2. Setting properties 3. Using controls 4. Learning the language 5. Building an application 6. Solving problems 7. Extending the interface 8. Scripting with Visual Basic 9. Harnessing data 10. Employing databases

"For courses in Visual Basic Programming" In "Starting Out with Visual Basic, " Tony Gaddis and Kip Irvine take a step-by-step approach, helping students understand the logic behind developing quality programs while introducing the Visual Basic language. Revised and fully updated throughout for Visual Basic 2015, the Seventh Edition is written in clear, easy-to-understand language, covering all the necessary introductory programming topics. Concise, practical, and real-world example programs not only help students learn to use the various controls, constructs, and features of Visual Basic, but also why and when to use them. The text is designed for students who have no prior programming background, but experienced students will also benefit from its depth of detail and the chapters covering databases, Web applications, and other advanced topics. Each chapter covers a major set of programming topics, introduces controls and GUI elements, and builds knowledge as the student progresses through the book. Also Available with MyProgrammingLab. MyProgrammingLab is an online learning system designed to engage students and improve results. MyProgrammingLab consists of a set of programming exercises correlated to the programming concepts in this book and improves the programming competence of beginning students who often struggle with the basic concepts of programming languages. For students, the system automatically detects errors in the logic and syntax of their code submissions and offers targeted hints that enable students to figure out what went wrong. For instructors, a comprehensive gradebook tracks correct and incorrect answers and stores the code inputted by students for review. Note: You are purchasing a standalone product; MyLab & Mastering does not come packaged with this content. Students, if interested in purchasing this title with MyLab & Mastering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab & Mastering, search for: 0134522184 / 9780134522180 Starting Out with Visual Basic Plus MyProgrammingLab with Pearson eText -- Access Card Package, 7/e Package consists of: 0134379438 / 9780134379432 MyProgrammingLab with Pearson eText -- Instant Access -- for Starting Out with Visual Basic, 7/e 0134522184 / 9780134522180 Starting Out with Visual Basic "

Readers learn to master the basics of effective programming as they work through Visual Basic 2015's latest features with the wealth of hands-on applications in this book's engaging real-world setting. PROGRAMMING WITH MICROSOFT VISUAL BASIC 2015, 7E by best-selling author Diane Zak offers an ideal introduction to programming with a dynamic visual presentation,

step-by-step tutorials, and strategically placed activity boxes. New hands-on applications, timely examples, and practical exercises help you learn how to effectively plan and create interactive Visual Basic 2015 applications. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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