Visual Studio 2017 Tutorial For Beginners

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Microsoft Visual Basic 2010 Step by Step - Michael Halvorson 2010-05-12
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.

Entity Framework Core in Action - Jon Smith 2018-07-15
Summary Entity Framework Core in Action teaches you how to access and update relational data from .NET applications. Following the crystal-clear explanations, real-world examples, and around 100 diagrams, you'll discover time-saving patterns and best practices for security, performance tuning, and unit testing. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology There's a mismatch in the way OO programs and relational databases represent data. Entity Framework is an object-relational mapper (ORM) that bridges this gap, making it radically easier to query and write to databases from a .NET application. EF creates a data model that matches the structure of your OO code so you can query and write to your database using standard LINQ commands. It will even automatically generate the model from your database schema. About the Book Using crystal-clear explanations, real-world examples, and around 100 diagrams, Entity Framework Core in Action teaches you how to access and update relational data from .NET applications. You'l start with a clear breakdown of Entity Framework, long with the mental model behind ORM. Then you'll discover time-saving patterns and best practices for security, performance tuning, and even unit testing. As you go, you'll address common data access challenges and learn how to handle them with

Entity Framework. What's Inside Querying a relational database with LINQ Using EF Core in business logic Integrating EF with existing C# applications Applying domain-driven design to EF Core Getting the best performance out of EF Core Covers EF Core 2.0 and 2.1 About the Reader For .NET developers with some awareness of how relational databases work. About the Author Jon P Smith is a full-stack developer with special focus on .NET Core and Azure. Table of Contents Part 1 - Getting started Introduction to Entity FrameworkCore Querying the database Changing the database content Using EF Core in business logic Using EF Core in ASP.NET Core web applications Part 2 - Entity Framework in depth Configuring nonrelational properties Configuring relationships Configuring advanced features and handling concurrency conflicts Going deeper into the DbContext Part 3 - Using Entity Framework Core in real-world applications Useful software patterns for EF Core applications Handling database migrations EF Core performance tuning A worked example of performance tuning Different database types and EF Core services Unit testing EF Core applications Appendix A - A brief introduction to LINQ Appendix B - Early information on EF Core version 2.1

Professional Visual Studio 2017 - Bruce Johnson 2017-10-18
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.

Beginner's Guide to C# Programming - Serhan Yamacli 2017-07-03
This book covers C# programming with a practical approach. The author assumes you have no experience in programming. The book starts with the installation of the required programming environment. Then, the simplest "Hello World" program is developed step by step. In the next three chapters (Chapters 4 to 6), Windows forms (the visual part of desktop programs) and their components are studied with practical examples. Screenshots and code snippets are clearly given in the book to guide the reader. After teaching the graphical user interface (GUI) design, C# programming is covered in an organized manner in the following eight chapters (Chapters 7 to 14) with dozens of example projects. As the reader follows the development of the sample projects, he/she will

learn designing user interfaces, connecting interface objects to code, developing efficient C# code and generating standalone programs. Connecting to Access databases from our C# programs for permanent data storage is explained in Chapter 15. In the last Chapter, the basics of Unity game engine are given and a simple 2D platform game is developed in Unity using C#. Chapters of the book and the contents of these chapters are as follows: Chapter 1. Introduction: General info on C# and .NET environment. Chapter 2. Setting up your development environment: Installing and configuring Visual Studio. Chapter 3. Test drive - the "Hello World" project: Creating a new Visual C# project, adding and positioning a Label and building the project. Chapter 4. Form (GUI) elements: Containers, menus, dialog windows, components, controls, properties and events of controls. Chapter 5. Common controls: Using common controls like Buttons, TextBoxes and ProgressBars in our projects (a total of 21 commonly used controls are studied). Chapter 6. Menus, dialogs and containers: Utilizing various menu types, using dialog windows to take user input, file open/save operations and incorporating containers to organize the form layout. Chapter 7. Variables and constants: Organized C# programming begins in this chapter. Declaring variables, variable types, type conversions and constants. Chapter 8. Conditional statements: Operators, various types of if-else structures and switch-case statements. Chapter 9. Loops: The need for loops in our programs. Utilization of for, foreach, while and do-while loops. Break and continue statements. Chapter 10. Arrays and collections: Declaring arrays, using multidimensional arrays and array operations. Hashtable and ArrayList structures for storing multiple types of variables together. Chapter 11. Methods: Method declarations, scopes of methods, passing variables by value and by reference. Chapter 12. Classes and objects: The class-object concept. Declaring and

using classes. Creating objects. Utilizing several constructor methods for flexibility. Chapter 13. Frequently used classes in C#: Utilizing the methods of the String class, the StringBuilder class and the Math class. Chapter 14. Handling Errors: Preventing our programs from crashes in case of errors. Try-catch, try-catch-finally structures and the throw keyword. Chapter 15. Database connections using ADO.NET: Creating Access databases from scratch, reading and modifying database entries from our C# programs. Chapter 16. Developing a 2D game in Unity using C#: Installing the Unity game engine. Using C# in Unity to develop our own 2D platform game called Random Platformer. Exporting the game as a standalone program. This book includes 507 figures and 309 code snippets that are used to explain C# programming and GUI development concepts clearly. Full resolution colour figures and complete project files can be downloaded from the book''s companion website: www.yamaclis.com/csharp.

Creating Mobile Apps with Xamarin.Forms Preview Edition 2 - Charles Petzold 2015-04-11 This second Preview Edition ebook, now with 16 chapters, is about writing applications for Xamarin.Forms, the new mobile development platform for iOS, Android, and Windows phones unveiled by Xamarin in May 2014. Xamarin.Forms lets you write shared user-interface code in C# and XAML that maps to native controls on these three platforms.
Assembly Language for X86 Processors - Kip R. Irvine 2017-07-13 Assembly language is as close to writing machine code as you can get without writing in pure hexadecimal. Since it is such a low-level language, it's not practical in all cases, but should definitely be considered when you're looking to maximize performance. With Assembly Language by Chris Rose, you'll learn how to write x64 assembly for modern CPUs, first by writing inline assembly for 32-bit

applications, and then writing native assembly for C++ projects. You'll learn the basics of memory spaces, data segments, CISC instructions, SIMD instructions, and much more. Whether you're working with Intel, AMD, or VIA CPUs, you'll find this book a valuable starting point since many of the instructions are shared between processors.This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject .We hope you find this book useful in shaping your future career & Business.

The Book of Visual Studio .NET - Robert B. Dunaway 2002

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

LEARN MVC IN 7 DAYS - Sukesh Marla 2018-06-02
Description:The best way to learn MVC is by doing a project and this book does the same. A complete MVC project is created from scratch with all best practices implemented.professional projects are not created by just using ASP.NET MVC you need other ingredients like HRML, JavaScript, Jquery, JSON, WebAPI so on. This book has covered all the necessary supporting technologies while making MVC project.Gone are those days of using ADO.NET to connect to database. In professional project developers use ORM technologies like Entity Framework. This book uses EF whenever there is a need of database communication.With the book we have provided DVD which has MVC video tutorials

which will help you to kick start MVC with great speed.After every lab we have discussed important questions around the lab this will make you prepared for ASP.NET MVC interviews.

Visual Basic 2019 Made Easy - Dr.Liew 2020-01-03
Visual Basic 2019 Made Easy is written by Dr. Liew, the webmaster of our popular online Visual Basic Tutorial, vbtutor.net. This book is a complete guide to mastering Visual Basic 2019, from beginner to intermediate programmers. This book has been written to complement our free online Visual Basic 2019 tutorial but with much more content. It is also an excellent reference text for high school or college-level computer science courses. Reading this book will allow you to understand the basic concepts of VB 2019 programming, create your own VB 2019 applications from scratch, get inspiration from a variety of interesting sample programs, modify the code samples easily to suit your needs and learn how to package and distribute your applications.

Begin to Code with C# - Rob Miles 2016-08-31
Become a C# programmer—and have fun doing it! Start writing software that solves real problems, even if you have absolutely no programming experience! This friendly, easy, full-color book puts you in total control of your own learning, empowering you to build unique and useful programs. Microsoft has completely reinvented the beginning programmer's tutorial, reflecting deep research into how today's beginners learn, and why other books fall short. Begin to Code with C# is packed with innovations, from its "Snaps" prebuilt operations to its "Make Something Happen" projects. Whether you're a total beginner or you've tried before, this guide will put the power, excitement, and fun of programming where it belongs: in your hands! Easy, friendly, and you're in control! Learn how to… • Get the free tools you need to create modern programs •

Work with 150 sample programs that illustrate important concepts • Use the sample programs as starting points for your own programs • Explore exactly what happens when a program runs • Approach program development with a professional perspective • Use powerful productivity shortcuts built into Microsoft Visual Studio • Master classes, interfaces, methods, and other essential concepts • Organize programs so they're easy to construct and improve • Capture and respond to user input • Store and manipulate many types of real-world data • Create interactive games that are fun to play • Build modern interfaces your users will love • Test and debug your code—and avoid problems in the first place

Visual Basic 2017 Made Easy - Dr.Liew
Visual Basic 2017 Made Easy is written by Dr. Liew, the webmaster of the popular online Visual Basic Tutorial, vbtutor.net. This book is a complete guide to mastering Visual Basic 2017, for beginner to intermediate programmers. It is also an excellent reference text for high school or college-level computer science courses. Reading this book will allow you to: i) Understand the basic concepts of Visual Basic 2017 programming ii) Create your own Visual Basic 2017 applications from scratch iii) Get inspiration from a variety of interesting sample programs iv) Modify the code samples easily to suit your needs v) Learn how to package and distribute your applications

Beginning C# and .NET - Benjamin Perkins 2021-07-09
Get a running start to learning C# programming with this fun and easy-to-read guide As one of the most versatile and powerful programming languages around, you might think C# would be an intimidating language to learn. It doesn't have to be! In Beginning C# and .NET: 2021 Edition, expert Microsoft programmer and engineer Benjamin Perkins and program manager Jon D. Reid walk you through the precise, step-by-step directions you'll need to

follow to become fluent in the C# language and .NET. Using the proven WROX method, you'll discover how to understand and write simple expressions and functions, debug programs, work with classes and class members, work with Windows forms, program for the web, and access data. You'll even learn about some of the new features included in the latest releases of C# and .NET, including data consumption, code simplification, and performance. The book also offers: Detailed discussions of programming basics, like variables, flow control, and object-oriented programming that assume no previous programming experience "Try it Out" sections to help you write useful programming code using the steps you've learned in the book Downloadable code examples from wrox.com Perfect for beginning-level programmers who are completely new to C#, Beginning C# and .NET: 2021 Edition is a must-have resource for anyone interested in learning programming and looking for a fun and intuitive place to start.

Introduction to 3D Game Programming with DirectX 11 - Frank Luna 2012-03-15 This updated bestseller provides an introduction to programming interactive computer graphics, with an emphasis on game development using DirectX 11. The book is divided into three main parts: basic mathematical tools, fundamental tasks in Direct3D, and techniques and special effects. It includes new Direct3D 11 features such as hardware tessellation, the compute shader, dynamic shader linkage and covers advanced rendering techniques such as screen-space ambient occlusion, level-of-detail handling, cascading shadow maps, volume rendering, and character animation. Includes a companion CD-ROM with code and figures. eBook Customers: Companion files are available for downloading with order number/proof of purchase by writing to the publisher at info@merclearning.com.
Visual Basic 2013 Made Easy - Dr.Liew Voon Kiong 2014-12-21

Visual Basic 2013 Made Easy is written by the webmaster of the popular online Visual Basic Tutorial , Dr.Liew. By reading this book ,you can: i) Understand the basic concepts of Visual Basic 2013 programming ii) Create your own Visual Basic 2013 programs right from the beginning iii) Get programming ideas from many interesting Visual Basic sample programs. iv) Modify the codes easily to suit your needs. This book can also be used as a text book for students who are taking Visual Basic courses or beginners. It can also be used as a reference book for teachers or lecturers who are teaching introductory computer programming courses. Starting Out with Visual C# - Tony Gaddis 2016-03

Microsoft Visual Studio 2015 Unleashed - Lars Powers 2015-08-07
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.

Visual C# For Kids: A Step by Step Computer Programming Tutorial - Philip Conrod 2017-07-28
VISUAL C# FOR KIDS is a beginning step-by-step programming tutorial consisting of 10 chapters explaining (in simple, easy-to-follow terms) how to build a Visual C# Windows application. Students learn about project design, the Visual C# toolbox, and many elements of the C# 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, a card game, an allowance calculator, a drawing program, a state capitals game, Tic-Tac-Toe and

even a simple video game. VISUAL C# FOR KIDS is presented using a combination of over 450 pages of color notes and actual Visual C# examples. This teacher or parent facilitated material should be understandable to kids aged 10 and up. No programming experience is necessary, but familiarity with doing common tasks using a computer operating system (simple editing, file maintenance, understanding directory structures, working on the Internet) is expected. VISUAL C# FOR KIDS requires the Microsoft Windows 10 operating system and the free 2015 Community Edition or Professional Edition (or above) of Microsoft Visual Studio which are both available from Microsoft. The Visual C# 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.

Learning Visual Basic .NET - Jesse Liberty 2002-10-25

Most Visual Basic .NET books are written for experienced object-oriented programmers, but many programmers jumping on the .NET bandwagon are coming from non-object-oriented languages, such as Visual Basic 6.0 or from script programming, such as JavaScript. These programmers, and those who are adopting VB.NET as their first programming language, have been out of luck when it comes to finding a high-quality introduction to the language that helps them get started.That's why Jesse Liberty, author of the best-selling books Programming C# and Programming ASP.NET, has written an entry-level guide to Visual Basic .NET. Written in a warm and friendly manner, this book assumes no prior programming experience, and provides an easy introduction to Microsoft's most popular .NET language.Learning Visual Basic .NET is a complete introduction to VB.NET and object-oriented programming. This book will help you build a solid foundation in .NET, and show how to apply your skills by using hundreds of

examples to help you become productive quickly. Learning Visual Basic .NET introduces fundamentals like Visual Studio .NET, a tool set for building Windows and Web applications. You'll learn about the syntax and structure of the Visual Basic .NET language, including operators, classes and interfaces, structs, arrays, and strings. Liberty then demonstrates how to develop various kinds of applications--including those that work with databases--and web services.By the time you've finished Learning Visual Basic .NET, you'll be ready to move on to a more advanced programming guide that will help you create large-scale web and Windows applications.Whether you have a little object-oriented programming experience or you are new to programming altogether, Visual Basic .NET will set you firmly on your way to mastering the essentials of the VB.NET language.

Beginning C# 6 Programming with Visual Studio 2015 - Benjamin Perkins 2016-01-04

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.

Practical Microsoft Visual Studio 2015 - Peter Ritchie 2016-11-21
Learn the details of the most highly recommended practices of software development using the latest version of Visual Studio 2015. Recommended practices are grouped by development phase and explained in far more detail than the typical tips and tricks compilations. This book also contains detailed coverage of recognized patterns and practices used to create software in a timely manner with expected quality in the context of using specific Visual Studio 2015 features. Creating software is part defined process and part empirical process. While there is no single "best" process to employ in all development scenarios, MVP author Peter Ritchie helps readers navigate the complexity of development options and decide which techniques and Visual Studio 2015 features to use based on the needs of their particular project. Readers will learn practices such as those related to working in teams, design and architecture, refactoring, source code control workflows, unit testing, performance testing, coding practices, use of common patterns, code analysis, IDE extensions, and more. What You Will Learn Use patterns and practices within Visual Studio Implement practices of software creation Work in teams Develop workflows for software projects Who This Book Is For Beginning and intermediate software developers and architects
Beginning C++ Programming - Richard Grimes 2017-04-24

Modern C++ at your fingertips! About This Book This book gets you started with the exciting world of C++ programming It will enable you to write C++ code that uses the standard library, has a level of object orientation, and uses memory in a safe and effective way It forms the basis of programming and covers concepts such as data structures and the core programming language Who This Book Is For A computer, an internet connection, and the desire to learn how to code in C++ is all you need to get started with this book. What You Will Learn Get familiar with the structure of C++ projects Identify the main structures in the language: functions and classes Feel confident about being able to identify the execution flow through the code Be aware of the facilities of the standard library Gain insights into the basic concepts of object orientation Know how to debug your programs Get acquainted with the standard C++ library In Detail C++ has come a long way and is now adopted in several contexts. Its key strengths are its software infrastructure and resource-constrained applications, including desktop applications, servers, and performance-critical applications, not to forget its importance in game programming. Despite its strengths in these areas, beginners usually tend to shy away from learning the language because of its steep learning curve. The main mission of this book is to make you familiar and comfortable with C++. You will finish the book not only being able to write your own code, but more importantly, you will be able to read other projects. It is only by being able to read others' code that you will progress from a beginner to an advanced programmer. This book is the first step in that progression. The first task is to familiarize you with the structure of C++ projects so you will know how to start reading a project. Next, you will be able to identify the main structures in the language, functions, and classes, and feel confident being able to identify the execution flow through the code. You will then become

aware of the facilities of the standard library and be able to determine whether you need to write a routine yourself, or use an existing routine in the standard library. Throughout the book, there is a big emphasis on memory and pointers. You will understand memory usage, allocation, and access, and be able to write code that does not leak memory. Finally, you will learn about C++ classes and get an introduction to object orientation and polymorphism. Style and approach This straightforward tutorial will help you build strong skills in C++ programming, be it for enterprise software or for low-latency applications such as games or embedded programming. Filled with examples, this book will take you gradually up the steep learning curve of C++.

Mastering Visual Studio 2017 - Kunal Chowdhury 2017-07-27
A guide to mastering Visual Studio 2017 About This Book Focus on coding with the new, improved, and powerful tools of VS 2017 Master

improved debugging and unit testing support capabilities Accelerate cloud development with the built-in Azure tools Who This Book Is For .NET Developers who would like to master the new features of VS 2017, and would like to delve into newer areas such as cloud computing, would benefit from this book. Basic knowledge of previous versions of Visual Studio is assumed. What You Will Learn Learn what's new in the Visual Studio 2017 IDE, C# 7.0, and how it will help developers to improve their productivity Learn the workloads and components of the new installation wizard and how to use the online and offline installer Build stunning Windows apps using Windows Presentation Foundation (WPF) and Universal Windows Platform (UWP) tools Get familiar with .NET Core and learn how to build apps targeting this new framework Explore everything about NuGet packages Debug and test your applications using Visual Studio 2017 Accelerate cloud development with Microsoft Azure Integrate Visual Studio with most popular

source control repositories, such as TFS and GitHub In Detail Visual Studio 2017 is the all-new IDE released by Microsoft for developers, targeting Microsoft and other platforms to build stunning Windows and web apps. Learning how to effectively use this technology can enhance your productivity while simplifying your most common tasks, allowing you more time to focus on your project. With this book, you will learn not only what VS2017 offers, but also what it takes to put it to work for your projects. Visual Studio 2017 is packed with improvements that increase productivity, and this book will get you started with the new features introduced in Visual Studio 2017 IDE and C# 7.0. Next, you will learn to use XAML tools to build classic WPF apps, and UWP tools to build apps targeting Windows 10. Later, you will learn about .NET Core and then explore NuGet, the package manager for the Microsoft development platform. Then, you will familiarize yourself with the debugging and live unit testing techniques that comes with the IDE. Finally, you'll adapt Microsoft's implementation of cloud computing with Azure, and the Visual Studio integration with Source Control repositories. Style and approach This comprehensive guide covers the advanced features of Visual Studio 2017, and communicates them through a practical approach to explore the underlying concepts of how, when, and why to use it.

Programming Entity Framework - Julia Lerman 2011-11-25
Annotation Code first is an additional means of building a model to be used with the Entity Framework and is creating a lot of excitement in the .NET development community. The reader will begin with an overview of what code first is, why it was created, how it fits into the Entity Framework and when to use it over the alternatives.

Karl Moore's Visual Basic .NET - Karl Moore 2002-04-20
This is a quick and easy, and even fun, tutorial

for beginner VB.NET programmers, especially those learning from scratch or moving from VB6.

Beginning Visual Studio for Mac - Alessandro Del Sole 2017-10-24

Quickly learn how to get the most out of the Visual Studio for Mac integrated development environment (IDE). Microsoft has invested heavily to deliver their very best development tools and platforms to other operating systems. Visual Studio for Mac is a powerful developer tool that reinforces Microsoft's "mobile-first", "cloud-first", and "any developer, any platform, any device" strategy. With the author's guided expertise and extensive code samples, you will understand how to leverage the most useful tools in Visual Studio for Mac, the code editor, and the powerful debugger. You also will appreciate the author's guidance on collaborating with other team members using integrated tooling for the Git source control engine. Whether you are a Mac developer interested in cross-platform development or a Windows developer using a Mac, Beginning Visual Studio for Mac will quickly get you up to speed! What You'll Learn Prepare, configure, and debug in the Mac development environment Create cross-platform mobile apps for Android, iOS, and Windows with Xamarin and C# in Visual Studio for Mac Build cross-platform Web applications with .NET Core using Visual Studio for Mac Customize your productive and collaborative development environment Who This Book Is For Software developers using a Mac computer who want to build mobile or web applications that run on multiple operating systems

Beginning Visual Basic 2015 - Bryan Newsome 2015-11-17

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.
Head First Android Development - Dawn Griffiths 2015-06-17
What will you learn from this book? If you have an idea for a killer Android app, this book will help you build your first working application in a jiffy. You'll learn hands-on how to structure your app, design interfaces, create a database, make your app work on various smartphones and tablets, and much more. It's like having an experienced Android developer sitting right next to you! All you need is some Java know-how to

get started. Why does this book look so different? Based on the latest research in cognitive science and learning theory, Head First Android Development uses a visually rich format to engage your mind, rather than a text-heavy approach that puts you to sleep. Why waste your time struggling with new concepts? This multi-sensory learning experience is designed for the way your brain really works.

Visual Basic 6 Made Easy - Liew Voon Kiong 2006-01-05
Visual Basic(r) 6 made easy is written by the author of the popular online Visual Basic tutorial at www.vbtutor.net. This book presents the basics of Visual Basic programming using direct and simple language so that you can learn Visual Basic 6 programming easily and quickly. You will be able to build Visual Basic applications within a short time.

Visual C# and Databases - Philip Conrod 2017-06-03
VISUAL C# AND DATABASES is a step-by-step database programming tutorial that provides a detailed introduction to using Visual C# for accessing and maintaining databases for desktop applications. Topics covered include: database structure, database design, Visual C# project building, ADO .NET data objects (connection, data adapter, command, data table), data bound controls, proper interface design, structured query language (SQL), creating databases using Access, SQL Server and ADOX, and database reports. Actual projects developed include a books tracking system, a sales invoicing program, a home inventory system and a daily weather monitor VISUAL C# AND DATABASES is presented using a combination of over 850 pages of self-study notes and actual Visual C# examples. No previous experience working with databases is presumed. It is assumed, however, that users of the product are familiar with the Visual C# environment and the steps involved in building a Visual C# application. This pre-requisite training can be gained from our

LEARN VISUAL C# course. VISUAL C# AND DATABASES requires the Microsoft Windows operating system. This tutorial also requires the free Community Edition or Professional Edition of Microsoft Visual Studio. The Visual C# 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.

Getting Started with Visual Studio 2019 - Dirk Strauss 2019-11-27
Know how to use the features of Visual Studio 2019 and utilize the IDE correctly to become your one-stop solution for creating quality code. Learn what's new in VS 2019 and explore the existing features of Visual Studio so you can use them more efficiently. Getting Started with Visual Studio 2019 begins with an overview of Visual Studio and explores new features such as Visual Studio Live Share, Visual Studio Search, Solution Filters, and Intellicode. Author Dirk Strauss teaches you how to create project templates, write code snippets, and manage NuGet packages. You will learn how to: debug your code using breakpoints and step into specific methods, use data tips, and utilize the DebuggerDisplay attribute. You will then move on to learn unit testing and explore the tools provided by Visual Studio to create and run unit tests. The book also covers source control integration in Visual Studio and how to use GitHub to implement a source control strategy in your code. What You Will LearnCreate and use code snippets in Visual Studio 2019Utilize diagnostic tools and the Immediate window for code debuggingGenerate unit tests with IntelliTestUse NuGet in applicationsCreate and handle pull requests Who This Book Is For Beginners and software developers working on the .NET stack

Beginning C# 7 Programming with Visual Studio 2017 - Benjamin Perkins 2018-03-20
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. **Learn Visual Basic** - Philip Conrod 2017-05-29 LEARN VISUAL BASIC is a comprehensive step-by-step programming tutorial covering object-oriented programming, the Visual Basic

integrated development environment, building and distributing Windows applications using the Windows Installer, exception handling, sequential file access, graphics, multimedia, advanced topics such as web access, printing, and HTML help system authoring. The tutorial also introduces database applications (using ADO .NET) and web applications (using ASP.NET). This curriculum has been used in college and universities for over two decades. It is also used as a college prep advanced placement course for high school students. The focus of LEARN VISUAL BASIC is to use the objects and capabilities of Visual Basic to build a wide variety of useful desktop applications. Students will also develop their own objects. Some of the applications built include: Stopwatch, Calendar Display, Loan Repayment Calculator, Flash Card Math Game, Database Input Screen, Statistics Calculator, Tic-Tac-Toe Game, Capital City Quiz, Information Tracker (with plotting), Blackjack, Line, Bar and Pie charts, a version of the first video game ever - Pong, and a Telephone Directory. LEARN VISUAL BASIC is presented using a combination of over 850 pages of self-study notes and over 100 Visual Basic practical examples and applications. To grasp the concepts presented in LEARN VISUAL BASIC, you should possess a working knowledge of Windows and have had some exposure to programming concepts. Our Beginning Visual Basic course would provide you with this exposure. LEARN VISUAL BASIC requires a Microsoft Windows operating system. This tutorial also requires the free Community Edition or Professional Edition of Microsoft Visual Studio. 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.

Visual Basic 2019 Handbook - Dr.Liew Voon Kiong 2020-12-05
Visual Basic 2019 handbook is authored by Dr.

Liew, the webmaster of popular online Visual Basic Tutorial, vbtutor.net. This book is a concise guide to mastering Visual Basic 2019, from beginner to intermediate programmers. This handbook has been written to complement our free online Visual Basic 2019 tutorial with much more content. It is also an excellent reference text for high school or college-level computer science courses. Reading this book will allow you to: 1. Understand the basic concepts of Visual Basic 2019 programming 2. Create your own Visual Basic 2019 applications from scratch 3. Get inspiration from a variety of interesting sample programs 4. Modify the code samples easily to suit your needs 5. Learn how to package and distribute your applications

Visual Basic 2008 Made Easy - Dr.Liew Voon Kiong 2014-12-23
Visual Basic 2008 Made Easy is written by the webmaster of the poupular online Visual Basic 2008 Tutorial , Dr.Liew. By reading this book ,you can: i) Understand the basic concepts of Visual Basic 2008 programming ii) Create your own Visual Basic 2008 programs right from the beginning iii) Get programming ideas from many interesting sample programs. iv) Modify the codes easily to suit your needs. v) Learn how to package and distribute your applications.

Microsoft Visual C++/CLI Step by Step - Julian Templeman 2013-08-15
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

Mastering Visual Studio .NET - Ian Griffiths 2003

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 develpment environment, start-up templates, and other features and tools to create a variety of applications, including Web services. Original. (Advanced)

Visual Basic 2010 Made Easy - Liew Voon Kiong 2012-01-11

Visual Basic 2010 Made Easy is written by the webmaster of the poupular online Visual Basic 2010 Tutorial, Dr.Liew. By reading this book, you can: i) Understand the basic concepts of Visual Basic 2010 programming ii) Create your own Visual Basic 2010 programs right from the beginning iii) Get programming ideas from many interesting sample Visual Basic programs. iv) Modify the codes easily to suit your needs. v) Learn how to package and distribute your visual basic 2010 applications.

Visual Studio 2019 In Depth - Du Preez Ockert J. 2019-09-20

Step-by-step guide to all the tools and extensions in the Visual Studio 2019 IDEKey featuresa- Create and use custom IDE extensionsa- Find, download, and use the best IDE extensions for web, mobile, Azure, and Windowsa- Enhance programming experience and time with debugging toolsa- Enhance coding capabilities with coding toolsa- Test projects proactivelya- Create powerful web, mobile, and Azure solutions for the real worldDescriptionThis book peeks into every corner of the Visual Studio IDE and will help you get started with the latest 2019 version. Right from installation, you'll discover new features within the tool and the optimal way to use the features you may already know. You'll

learn, for example, how to extend Visual Studio with your own customizations, so that you can make it perform the way you want. You will then explore everything about NuGet package, test applications using Live Unit Testing, and learn how to make code templates using the T4 code generation tool. You'll get to grips with the richer JavaScript IntelliSense, which will help you focus more on coding. Moving on, you'll learn to work with the dedicated workloads for data storage and data science. You will also review the more advanced architecture tools concealed within the IDE and finally create cloud-first applications powered by Microsoft Azure using the built-in suite of Azure tools.What will you learnBy the end of the book, you will be able to tackle any solution for any platform head-on. You will create real-world solutions from start to finish. By using the tools and extensions outlined in this book, you will be able to code better and faster, debug better, share your code with more peers, test your code better, and

install or publish your apps quicker and without issues.Who this book is forThe book is intended for any .NET developer. You can be a seasoned developer or a newbie just starting out. This book will play a pivotal role in presenting all the tools you need to become a better developer.Table of contents1. Getting started with Visual Studio2. Digging in the Visual Studio IDE3. IntelliSense4. Language & coding changes in C#5. What's new in .Net core6. Built-in tools7. Debugging tools8. Testing tools9. ASP.NET tools10. Mobile tools11. Azure tools12. IDE extensions13. ASP.NET extensions14. Mobile extensions15. Azure DevOps extensionsAbout the authorOckert du Preez is a self-taught developer who started learning programming since the days of QBasic. He has written several articles over the years detailing his programming quests and adventures. .NET is his second love, just after his wife and kid. He has always been an avid supporter of .NET since the beginning, and is an expert in VB and C#.He

was given the Microsoft Most Valuable Professional Award for .NET (2008-2017). He has worked as a moderator and an article reviewer and currently writes articles for CodeGuru, Developer.com, DevX, and the Database journal.His blog: https://www.codeguru.com/member.php/Hannes+DuPreez/

Visual Basic 2005 For Dummies - Bill Sempf 2005-10-24

Visual Basic is Microsoft's premier programming language, used by more than three million developers and in 50 million Windows applications Programming pro and veteran Wrox author Bill Sempf has thoroughly overhauled the book's organization and content, making it even more accessible to programming beginners Highlights new VB features and functions, including important advances in compatibility with older VB versions Offers plain-English explanations of variables, constants, loops, VB syntax, forms, controls, objects, and other fundamentals The CD-ROM includes all source code and third-party software tools

Deep Learning for Coders with fastai and PyTorch - Jeremy Howard 2020-06-29

Deep learning is often viewed as the exclusive domain of math PhDs and big tech companies. But as this hands-on guide demonstrates, programmers comfortable with Python can achieve impressive results in deep learning with little math background, small amounts of data, and minimal code. How? With fastai, the first library to provide a consistent interface to the most frequently used deep learning applications. Authors Jeremy Howard and Sylvain Gugger, the creators of fastai, show you how to train a model on a wide range of tasks using fastai and PyTorch. You'll also dive progressively further into deep learning theory to gain a complete understanding of the algorithms behind the scenes. Train models in computer vision, natural language processing, tabular data, and collaborative filtering Learn the latest deep

learning techniques that matter most in practice Improve accuracy, speed, and reliability by understanding how deep learning models work Discover how to turn your models into web applications Implement deep learning algorithms from scratch Consider the ethical implications of your work Gain insight from the foreword by PyTorch cofounder, Soumith Chintala