

Professional Visual Studio 2015

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.

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

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-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

This guide focuses on advanced topics and demonstrates the new features of the integrated development environment. Readers will learn the powerful and fascinating techniques without

repetitive pedagogical concepts, and without feeling the burden of 'information overload'
Professional Visual Studio 2015 John Wiley & Sons

A true professional's guide to C# 6 Professional C# 6 and .NET Core 1.0 provides complete coverage of the latest updates, features, and capabilities, giving you everything you need for C#. Get expert instruction on the latest changes to Visual Studio 2015, Windows Runtime, ADO.NET, ASP.NET, Windows Store Apps, Windows Workflow Foundation, and more, with clear explanations, no-nonsense pacing, and valuable expert insight. This incredibly useful guide serves as both tutorial and desk reference, providing a professional-level review of C# architecture and its application in a number of areas. You'll gain a solid background in managed code and .NET constructs within the context of the 2015 release, so you can get acclimated quickly and get back to work. The new updates can actively streamline your workflow, with major changes including reimagined C# refactoring support, a new .NET Web app stack, and the .NET compiler platform that makes C# and Visual Basic compilers available as APIs. This book walks you through the changes with a comprehensive C# review. Explore the new Visual Studio templates for ASP.NET Core 1.0, Web Forms, and MVC Learn about the networking switch to HttpClient and ASP.NET Web API's replacement of WCF Data Services Work with the latest updates to the event log, Windows Runtime 2.0, and Windows 8.1 deployment and localization Dig deep into the new .NET 5.0 GC behaviors and the Migrations addition to ADO.NET Microsoft has stepped up both the cadence and magnitude of their software releases. Professional C# 6 and .NET Core 1.0 shows you everything you need to know about working with C# in a real-world context.

PROGRAMMING GAMES WITH VISUAL C# is a second semester self-paced "intermediate" computer game programming tutorial consisting of 10 chapters explaining (in simple, easy-to-follow terms) how to build Visual C# Games. The games built are non-violent and teach logical thinking skills. To grasp the concepts, you should possess a working knowledge of Windows and have had some exposure to Visual C# programming (or some other programming language). We offer a beginning programming tutorial (VISUAL C# FOR KIDS and BEGINNING VISUAL C#) that would help you gain this needed programming exposure. ? PROGRAMMING GAMES WITH VISUAL C# explains (in simple, easy-to-follow terms) how to build a Visual C# game project. Game skills learned include handling multiple players, scoring, graphics, animation, and sounds. The game projects built include, in increasing complexity: - Safecracker - Decipher a secret combination using clues from the computer. - Tic Tac Toe - The classic game! - Match Game - Find matching pairs of hidden photos - use your own photos! - Pizza Delivery - A business simulation where you manage a small pizza shop for a night. - Moon Landing - Land a module on the surface of the moon. - Leap Frog - A fun arcade game where you get a frog through traffic and across a raging river. The book includes over 700 pages of self-study notes, all Visual C# source code and all needed graphics and sound files. The course requires the Microsoft Windows 10 Operating System and the Microsoft Visual Studio 2015 Community or Professional Edition (or above). 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.

Manage and control Internet-connected devices from Windows and Raspberry Pi. Master the Windows IoT Core application programming interface and feature set to develop Internet of Things applications on the Raspberry Pi using your Windows and .NET programming skills. Windows 10 for the Internet of Things presents a set of example projects covering a wide range of techniques designed specifically to jump start your own Internet of Things creativity. You'll learn everything you need to know about Windows IoT Core in order to develop Windows and IoT applications that run on the Pi. Microsoft's release of Windows

IoT Core is groundbreaking in how it makes the Raspberry Pi and Internet of Things programming accessible to Windows developers. Now it's possible to develop for the Raspberry Pi using native Windows and all the related programming skills that Windows programmers have learned from developing desktop and mobile applications. Windows 10 becomes a gateway by which many can experience hardware and Internet of Things development who may never have had the opportunity otherwise. However, even savvy Windows programmers require help to get started with hardware development. This book, *Windows 10 for the Internet of Things*, provides just the help you need to get started in putting your Windows skills to use in a burgeoning new world of development for small devices that are ubiquitously connected to the Internet.

What You Will Learn

- Learn Windows 10 on the Raspberry Pi
- Read sensor data and control actuators
- Connect to and transmit data into the cloud
- Remotely control your devices from any web browser
- Develop IOT applications under Windows using C# and Python
- Store your IOT data in a database for later analysis

Who This Book Is For Developers and enthusiasts wanting to take their skills in Windows development and jump on board one of the largest and fastest growing trends to hit the technology world in years – that of connecting everyday devices to the Internet. This book shows how to develop for Microsoft's operating-system for devices, Windows 10 IoT Core. Readers learn to develop in C# and Python using Visual Studio, for deployment on devices such as the Raspberry Pi and the Arduino.

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.

Universal Windows Platform and XAML Query and manipulate data using LINQ
Protect your data by using encryption and hashing In Detail With the release of .NET Core 1.0, you can now create applications for Mac OS X and Linux, as well as Windows, using the development tools you know and love. C# 6 and .NET Core 1.0 has been divided into three high-impact sections to help start putting these new features to work. First, we'll run you through the basics of C#, as well as object-oriented programming, before taking a quick tour through the latest features of C# 6 such as string interpolation for easier variable value output, exception filtering, and how to perform static class imports. We'll also cover both the full-feature, mature .NET Framework and the new, cross-platform .NET Core. After quickly taking you through C# and how .NET works, we'll dive into the internals of the .NET class libraries, covering topics such as performance, monitoring, debugging, internationalization, serialization, and encryption. We'll look at Entity Framework Core 1.0 and how to develop Code-First entity data models, as well as how to use LINQ to query and manipulate that data. The final section will demonstrate the major types of applications that you can build and deploy cross-device and cross-platform. In this section, we'll cover Universal Windows Platform (UWP) apps, web applications, and web services. Lastly, we'll help you build a complete application that can be hosted on all of today's most popular platforms, including Linux and Docker. By the end of the book, you'll be armed with all the knowledge you need to build modern, cross-platform applications using C# and .NET Core. Style and approach This book takes a step-by-step approach and is filled with exciting projects and fascinating theory. It uses three high-impact sections to equip you with all the tools you'll need to build modern, cross-platform applications using C# and .NET Core.

Over 50 new and improved recipes to put Visual Studio 2015 to work in your crucial development projects About This Book Get to grips with all the new Visual Studio 2015 features regardless of your preferred programming language Apply Visual Studio to all areas of development: writing, debugging, and application lifecycle maintenance Straightforward and hands-on advice for building both Windows and Android apps Who This Book Is For If you are a developer excited about the new features introduced in Visual Studio 2015, then no matter what your programming language of choice is, Visual Studio 2015 Cookbook is for you. You should have a good knowledge of working with previous versions of Visual Studio to benefit from the recipes in this book. What You Will Learn Customize the editor's new abilities to fit your development style Create apps for Windows Use Visual Studio to debug parallel and concurrent programs Integrate .NET Framework 4.6 effectively Put TypeScript to work in your web applications Develop modern C++11 with Visual Studio 2015 Protect and manage your source code with Team Foundation Server In Detail Visual Studio 2015 is the premier tool for developers targeting the Microsoft platform. 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. 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. Visual Studio 2015 Cookbook will introduce you to all the new areas of Visual Studio and how they can quickly be put to use to improve your everyday development tasks. With this book, you will learn not only what VS2015 offers, but what it takes to put it to work for your projects. Style and approach This book is a practical guide to using Visual Studio 2015 and will help you become familiar with the improvements made in previous versions. Each recipe provides a hands-on approach to the new features with step-by-step instructions on how to increase your productivity. This new 7th edition of Pro C# 6.0 and the .NET 4.6 Platform has been completely revised and rewritten to reflect the latest changes to the C# language specification and new advances in the .NET Framework. You'll find new chapters covering all the important new features that make .NET 4.6 the most comprehensive release yet, including: A Refined ADO.NET Entity Framework Programming Model Numerous IDE and MVVM Enhancements for WPF Desktop Development Numerous updates to the ASP.NET Web APIs This comes on top of award winning coverage of core C# features, both old and new, that have made the previous editions of this book so popular. Readers will gain a solid foundation of object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). The mission of this book is to provide you with a comprehensive foundation in the C# programming language and the core aspects of the .NET platform plus overviews of technologies built on top of C# and .NET (ADO.NET and Entity Framework, Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), ASP.NET (WebForms, MVC, WebAPI).). Once you digest the information presented in these chapters, you'll be in a perfect position to apply this knowledge to your specific programming assignments, and you'll be well equipped to explore the .NET universe on your own terms. What You Will Learn: Be the first to understand the .NET 4.6 platform and C# 6. Discover the ins and outs of the leading .NET technology. Learn from an award-winning author who has been teaching the .NET world since version 1.0. Find complete coverage of XAML, .NET 4.6 and Visual Studio 2015 together with discussion of the new Windows Runtime.

Now you can prepare for the number one job in the tech sector -- app development - as you learn the essentials of Microsoft Visual Basic with the step-by-step, visual approach and professional programming opportunities in MICROSOFT VISUAL BASIC 2015 FOR WINDOWS APPLICATIONS: INTRODUCTORY. This book lays the initial groundwork for a degree in IT programming as it equips you with a fundamental understanding of Windows

programming for 2015. The book's innovative step-by-step approach blends video demonstrations of professional-quality programs with in-depth discussions of today's most effective programming concepts and techniques. You practice what you've learned with numerous real programming assignments in each chapter that equip you to program independently at your best.

A Detailed Look at Data Processing Extensions

VISUAL BASIC 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 Basic Windows application. Students learn about project design, the Visual Basic toolbox, and many elements of the 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, a card game, an allowance calculator, a drawing program, a state capitals game, Tic-Tac-Toe and even a simple video game. VISUAL BASIC FOR KIDS is presented using a combination of over 450 pages of color notes and actual Visual Basic examples. This teacher or parent facilitated material should be understandable to kids aged 12 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 BASIC FOR KIDS requires a Microsoft Windows operating system and the free Community Edition or Professional Edition of Microsoft Visual Studio 2015 (or greater) available from Microsoft. 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.

PROGRAMMING GAMES WITH VISUAL BASIC is a second semester self-paced "intermediate" computer game programming tutorial consisting of 10 chapters explaining (in simple, easy-to-follow terms) how to build Visual Basic Games. The games built are non-violent and teach logical thinking skills. To grasp the concepts, you should possess a working knowledge of Windows and have had some exposure to Visual Basic programming (or some other programming language). We offer a beginning programming tutorial (VISUAL BASIC FOR KIDS and BEGINNING VISUAL BASIC) that would help you gain this needed programming exposure. ? PROGRAMMING GAMES WITH VISUAL BASIC explains (in simple, easy-to-follow terms) how to build a Visual Basic game project. Game skills learned include handling multiple players, scoring, graphics, animation, and sounds. The game projects built include, in increasing complexity:

- Safecracker - Decipher a secret combination using clues from the computer.
- Tic Tac Toe - The classic game!
- Match Game - Find matching pairs of hidden photos - use your own photos!
- Pizza Delivery - A business simulation where you manage a small pizza shop for a night.
- Moon Landing - Land a module on the surface of the moon.
- Leap Frog - A fun arcade game where you get a frog through traffic and across a raging river.

The book includes over 700

pages of self-study notes, all Visual Basic source code and all needed graphics and sound files. The course requires the Microsoft Windows 10 Operating System and a minimum of Microsoft Visual Studio 2015 Community or Professional Edition. 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.

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

What you'll learn

- Integrate the new HTML5 features with the MVC6 framework.
- Take advantage of the new browser capabilities from within your ASP applications. Use web workers, IndexedDB, and other infrastructure improvements.
- Use the new CSS3 features to create dramatic web sites.
- Create mobile friendly web sites.
- Use canvas and SVG to build some amazing web pages.
- Leverage the native browser support for Geolocation, Web Sockets, and drag and drop capabilities

Who this book is for

Pro HTML5 with Visual Studio 2015 is for the professional web developer who is familiar with traditional ASP.NET web forms or the Model View Controller (MVC) framework. It is designed for the web builders who want to take advantage of the new design features or the infrastructure improvements of HTML5. It is geared toward individuals who want practical, real-world demonstrations and not just a lot of theory.

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- Part III: Digging Deeper Chapter 7: Supporting Older Browsers Chapter 8: Audio and Video Chapter 9: Scalable Vector Graphics Chapter 10: Canvas
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registration.

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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

The complete guide to the productivity and performance enhancements in ASP.NET 6 Beginning ASP.NET 6 Web Forms and MVC is your ultimate guide to the latest upgrade of this historically popular framework.

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

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.

Over 70 recipes to get you writing powerful and efficient multithreaded, asynchronous, and parallel programs in C# 6.0 About This Book Rewritten and updated to take advantage of the latest C# 6 features Learn about multithreaded, asynchronous, and parallel programming through hands-on, code-first examples Use these recipes to build fast, scalable, and reliable applications in C# Who This Book Is For This book is aimed at those who are new to multithreaded programming, and who are looking for a quick and easy way to get started. It is assumed that you have some experience in C# and .NET already, and you should also be familiar with basic computer science terminology and basic algorithms and data structures. What You Will Learn Use C# 6.0 asynchronous language features Work with raw threads, synchronize threads, and coordinate their work Develop your own asynchronous API with Task Parallel Library Work effectively with a thread pool Scale up your server application with I/O threads Parallelize your LINQ queries with PLINQ Use common concurrent collections Apply different parallel programming patterns Use Reactive Extensions to run asynchronous operations and manage their options In Detail Multi-core processors are synonymous with computing speed and power in today's world, which is why multithreading has become a key

concern for C# developers. Multithreaded code helps you create effective, scalable, and responsive applications. This is an easy-to-follow guide that will show you difficult programming problems in context. You will learn how to solve them with practical, hands-on, recipes. With these recipes, you'll be able to start creating your own scalable and reliable multithreaded applications. Starting from learning what a thread is, we guide you through the basics and then move on to more advanced concepts such as task parallel libraries, C# asynchronous functions, and much more. Rewritten to the latest C# specification, C# 6, and updated with new and modern recipes to help you make the most of the hardware you have available, this book will help you push the boundaries of what you thought possible in C#. Style and approach This is an easy-to-follow guide full of hands-on examples of real-world multithreading tasks. Each topic is explained and placed in context, and for the more inquisitive, there are also more in-depth details of the concepts used.

Discover tips and trick for Dynamics NAV report building About This Book Create and customize reports in Dynamics NAV 2015 using RDLC, Word, Power BI, and Reporting Services Work with different elements in the toolbox such as tablix, which can be used as a List, Table, or Matrix and understand the differences between them and when to use which This book is a pragmatic guide with clear instructions and real-world examples to teach you about the reporting capabilities of Dynamics NAV 2015 Who This Book Is For If you are a consultant, developer, customer, user, or just interested in the reporting capabilities of Dynamics NAV, then this book is for you. Basic knowledge of Dynamics NAV will be helpful. What You Will Learn Understand why reports are designed in a specific way and then apply this knowledge to your advantage Develop document reports using different techniques Apply filtering and sorting, and create groups Use RDLC to visualize information Visualize information, KPIs, and trends using expressions, Gauges, Charts, Data bars, Indicators, and Spark lines Create and optimize your dataset for RDLC and for Word layouts Use Power BI with Dynamics NAV to bring your data to life Build Reporting Services reports on top of Dynamics NAV In Detail Microsoft Dynamics NAV is a multi-lingual, multi-currency business management solution that organizations use to manage their accounts, supply chain, sales, payroll, and HR. It is an ERP tool for organizations that is fast to implement, easy to configure, and simple to use. It is widely used because simplicity is a part of its development, product design, usability, and implementation. This book will help you to master, analyze, and deliver the most challenging reporting requirements in Dynamics NAV 2015. The book starts by explaining report development and it's different phases such as data model, layout, and testing you go through. It introduces you to RDLC and the different controls in the toolbox, such as the Tablix, in its many forms. You will learn to use expressions to make your layout dynamic and to overcome typical problems. Moving on, the book will teach you to visualize data and be able to understand and read a report as it is intended. You will also learn to use Microsoft Word to create a layout for a report. With Power BI and Power Pivot, Power View, and Power Map, you will learn how easy and powerful it is to bring your data to life, so you can spot trends and perform in depth analysis of your business. Reporting Services is also explained as another way that you can apply the knowledge you have about RDLC to build RDL layouts outside of Dynamics NAV. By the end, you will create different types of charts so you can visualize key performance indicators inside the Dynamics NAV application. Style and approach This book is an essential guide in to understanding what is involved in creating reports in Dynamics NAV and its reporting capabilities.

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.

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.

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