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[Head First C#](#)  
[Microsoft Visual C#: An Introduction to Object-Oriented Programming](#)  
[Learning C# 2005](#)  
[Programming with C++](#)  
[How to Program](#)  
[57 Challenges to Develop Your Coding Skills](#)  
[C# in Depth](#)  
[Object Oriented Programming using C#](#)  
[The Modern C# Challenge](#)  
[How to Program](#)  
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[Learn C# From Scratch in One Hour](#)  
[Visual C# 2005](#)  
[C#](#)  
[Visual C# 2008](#)  
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## ARYANNA ALBERT

[C# Programming Guidebook For Starter](#) Createspace Independent Publishing Platform  
 Learn C# very Quickly and Learn It very Well. Master C# Programming with real world examples, quizzes and unique exercises using Visual Studio Are you tired of reading books on C# that are long, boring and frustrating? Would you like to be able to expand your knowledge of C# and take it to the next level? This is the book that will take you there! This book is written for you, to help you learn to code in C# from scratch and immediately and with a very good understanding of the fundamental principles of programming in this book you will learn the fundamentals of C# programming. No prior programming experience is required. You'll learn everything from scratch. For an absolute beginner this book explains complex concepts in a simple, clear, concise and step-by-step way manner for easy understanding. If you are already a programmer writing programs in other languages but new to C#, this book will bring you up to speed to start coding in C# immediately. This is a great book for anyone who wants to get started with C# or programming in general, learn the Skills to Land Your Dream Job. All you need to learn programming is passion and determination. The examples in this book are packed with carefully designed exercises that help you learn how to think like a programmer and to demonstrate the concepts being explained and for deeper understanding. For intermediate C# developers, from Chapter Nine to Thirteen, you will sharpen your skills and knowledge on the principles of object orientation including encapsulation, inheritance and polymorphism. I will show why encapsulation is important and how it helps writing a robust code. I will talk about inheritance; it is a way to reuse code and unfortunately it is abused by a lot of amateur designer and developers I will show the promise in inheritance and introduce you to the concept of composition as a more flexible way to reuse code we will talk about polymorphism, you will also learn how to change the behavior of an application by extending it so instead of changing the existing code which may affect the quality and behavior of your application and this is extremely perfect. Finally, we talk about interfaces; I will show how interfaces improve the testability and extensibility of your applications. Also an introduction to unit testing. I hope you will be a better developer after reading this book. . some of the things that this book offers... C# for Absolute Beginners A step by step explanations of the Complex concepts in C# from scratch such that you need no prior experience in programming to understand and start coding. Carefully Chosen C# Real world Examples, quizzes and exercises designed to help you learn how to think like a programmer Important Topics and concepts for intermediate and Advanced C# Developers These topics and concepts include object-oriented programming concepts, classes, inheritance, polymorphism, LINQ, Lambda expressions, delegates and events, exception methods, nullable type, Generics, Exception handling, error handling techniques, file handling techniques and many more. What is different about this book ... The best way to learn C# is by doing and practicing. This book includes unique exercises at the end of each chapter that requires the application and demonstration of all the concepts taught in that chapter. Working through the exercises will not only give you an immense sense of satisfaction but also boost your confidence in your programming skills, there are solutions to exercises to enable you compare with your own solutions. Are you ready to become an expert C# developer? This book is just what you need. Buy Now  
[Functional Programming in C#](#) Pearson  
 A guide to using the C# programming language to build Windows and Web-based applications.  
[Head First C#](#) Bookboon  
 Created by world-renowned programming instructors Paul and Harvey Deitel, "Visual C# 2008 How to Program, Third Edition" introduces all facets of the C# 2008 language through the Deitels' signature "Live Code" Approach", that features hundreds of working programs. This book has been thoroughly updated to reflect the major innovations Microsoft has incorporated in Visual C# 2008

and .NET 3.5; The many new platform features covered include: LINQ (Language Integrated Query), Windows Presentation Foundation (WPF), ASP.NET Ajax and the Microsoft Ajax Library, Silverlight-based rich Internet application development, and creating Web services with Windows Communication Foundation (WCF). New language features introduced in this edition: automatic properties, object initializers, partial classes and methods, anonymous methods, Lambda expressions, extension methods, anonymous types, and collection initializers. Extensively updated coverage of delegates and more sophisticated techniques, including searching, sorting, data structures, generics, and collections. Appendices provide essential programming reference material on topics ranging from number systems to the Visual Studio Debugger, UML 2 to Unicode and ASCII. Appropriate for all basic-to-intermediate level Visual C# 2008 programmers.  
*Microsoft Visual C#: An Introduction to Object-Oriented Programming* Cengage Learning  
*Functional Programming in C#*, Second Edition teaches you to apply functional thinking to real-world problems using the C# language. *Functional Programming in C#*, Second Edition is fully revised to cover new functional-inspired features in the most recent releases of C#, including tuples, async streams, pattern matching, and records. Each chapter is packed with awesome perspectives and epiphany moments. *Functional Programming in C#*, Second Edition teaches you to apply functional thinking to real-world problems using the C# language. You'll discover the principles and language features of functional programming, explore C#'s functional language features, and learn how to use them to write code that is concise, elegant, and robust. Through numerous real-world examples, you'll also learn the power of function composition, data flow programming, immutable data structures, and monadic composition with LINQ. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.  
[Learning C# 2005](#) "O'Reilly Media, Inc."  
 Developing computer games is a perfect way to learn how to program in modern programming languages. This book teaches how to program in C# through the creation of computer games – and without requiring any previous programming experience. Contrary to most programming books, van Toll, Egges, and Fokker do not organize the presentation according to programming language constructs, but instead use the structure and elements of computer games as a framework. For instance, there are chapters on dealing with player input, game objects, game worlds, game states, levels, animation, physics, and intelligence. The reader will be guided through the development of four games showing the various aspects of game development. Starting with a simple shooting game, the authors move on to puzzle games consisting of multiple levels, and conclude the book by developing a full-fledged platform game with animation, game physics, and intelligent enemies. They show a number of commonly used techniques in games, such as drawing layers of sprites, rotating, scaling and animating sprites, dealing with physics, handling interaction between game objects, and creating pleasing visual effects. At the same time, they provide a thorough introduction to C# and object-oriented programming, introducing step by step important programming concepts such as loops, methods, classes, collections, and exception handling. This second edition includes a few notable updates. First of all, the book and all example programs are now based on the library MonoGame 3.6, instead of the obsolete XNA Game Studio. Second, instead of explaining how the example programs work, the text now invites readers to write these programs themselves, with clearly marked reference points throughout the text. Third, the book now makes a clearer distinction between general (C#) programming concepts and concepts that are specific to game development. Fourth, the most important programming concepts are now summarized in convenient "Quick Reference" boxes, which replace the syntax diagrams of the first edition. Finally, the updated exercises are now grouped per chapter and can be found at the end of each chapter, allowing readers to test their knowledge more directly. The book is also designed to be used as a basis for a game-oriented programming course. Supplementary materials for organizing such a course are available on an accompanying web site, which also includes all example programs, game sprites,



sounds, and the solutions to all exercises.

[Programming with C++](#) Elsevier

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

[How to Program](#) "O'Reilly Media, Inc."

C# builds on the skills already mastered by C++ and Java programmers, enabling them to create powerful Web applications and components - ranging from XML-based Web services on Microsoft's .NET platform to middle-tier business objects and system-level applications.

[57 Challenges to Develop Your Coding Skills](#) John Wiley & Sons

This book was designed to make concepts as easy as possible, while explaining how programming works. This guide is different from others in that it includes a variety of different exercises that readers can learn from.

Sams Publishing

This book covers C# & .NET 4.0 and Visual Studio 2010, and teaches everything from inheritance to serialization.--[book cover].

[C# in Depth](#) Pragmatic Bookshelf

Learn how to how to use C# for Internet programming with the hands-on techniques and clear explanations. This book discusses some C# features that allow rapid development of solutions such as garbage collection, simplified type declarations, and scalability support. The book explains key concepts in a simple and practical manner. Web Forms and Web Controls usher in an elegant way to make dynamic Web pages. The book covers these topics with how-to code examples and projects. One of the newest developments in Internet programming is the use of XML and the SOAP communication protocol. .NET Web Services harness these two technologies, and is covered in later sections of the book.

[Object Oriented Programming using C#](#) Faber Publishing

Written by the most well known face of India's IT literacy movement, this book is designed for the first course in C# taken by undergraduate students in Computers and Information Technology. The revised edition maintains the lucid flow and continuity which has been the strength of the book.

[The Modern C# Challenge](#) "O'Reilly Media, Inc."

Authored by most trusted name in the area, this text acts like a "Primer", moving step by step starting from fundamentals to core concepts in much desired logical flow and hence renders conceptual clarity along with simplicity. The book has a comprehensive coverage of foundational concepts of e# Programming, in the light of object orientation, which are explained in simple language and supported with good examples & programming exercises. Salient Features - Latest version of CLR5.0 included - In-depth coverage of topics like Winforms, Operator Overloading, Multithreading and Polymorphism - Uses validated html coding (part of web 2.0) in the examples Three new projects: • Data leakage detection • SMS System ASP. net • SMTP/POP3 mail server Enhanced Pedagogical Features: • Example programs: 122 • Case-studies (solved): 20 • Review Questions: 357 • Programming Exercises: 159 • Debugging exercises: 45

[How to Program](#) SoftUni

C# Primer Plus teaches the C# programming language and relevant parts of the .NET platform from the ground up, walking you through the basics of object-oriented programming, important programming techniques and problem solving while providing a thorough coverage of C#'s essential elements - such as classes, objects, data types, loops, branching statements, arrays, and namespaces. In early chapters guided tours take you sightseeing to the main attractions of C# and provide a fast learning-path that enables you to quickly write simple C# programs. Your initial programming skills are then gradually expanded, through the many examples, case studies, illustrations, review questions and programming exercises, to include powerful concepts - like inheritance, polymorphism, interfaces and exception handling, along with C#'s most innovative features - such as properties, indexers, delegates and events. With C# Primer Plus's dual emphasis on C# as well as fundamental programming techniques, this friendly tutorial will soon make you a proficient C# programmer building Windows applications on the .NET platform.

[A Step by Step Guide for Absolute Beginners, Intermediate Or Advanced Developers with Exercises and Quizzes, No Prior Experience Is Required](#) Trafford Publishing

Summary Functional Programming in C# teaches you to apply functional thinking to real-world problems using the C# language. The book, with its many practical examples, is written for proficient C# programmers with no prior FP experience. It will give you an awesome new perspective. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Functional programming changes the way you think about code. For C# developers, FP techniques can greatly improve state management, concurrency, event handling, and long-term code maintenance. And C# offers the flexibility that allows you to benefit fully from the application of functional techniques. This book gives you the awesome power of a new perspective. About the Book Functional Programming in C# teaches you to apply functional thinking to real-world problems using the C# language. You'll start by learning the principles of functional programming and the language features that allow you to program functionally. As you explore the many practical examples, you'll learn the power of function composition, data flow programming, immutable data structures, and monadic composition with LINQ. What's Inside Write readable, team-friendly code Master async and data streams Radically improve error handling Event sourcing and other FP patterns About the Reader Written for proficient C# programmers with no prior FP experience. About the Author Enrico Buonanno studied computer science at Columbia University and has 15 years of experience as a developer, architect, and trainer. Table of Contents PART 1 - CORE CONCEPTS Introducing functional programming Why function purity matters Designing function signatures and types Patterns in functional programming Designing programs with function composition PART 2 - BECOMING FUNCTIONAL Functional error handling Structuring an application with functions Working effectively with multi-argument functions Thinking about data functionally Event sourcing: a functional approach to persistence PART 3 - ADVANCED TECHNIQUES Lazy computations, continuations, and the beauty of monadic composition Stateful programs and stateful computations Working with asynchronous computations Data streams and the Reactive Extensions An introduction to message-passing concurrency

[Practical Guide for Programmers](#) Prentice Hall

If you're a novice programmer and you want to learn C#, there aren't many books that will guide you. Most C# books are written for experienced C++ and Java programmers. That's why Jesse Liberty, author of the best-selling books Programming C# and Programming ASP.NET, has written an

entry-level guide to C#. Written in a warm and friendly manner, Learning C# assumes no prior programming experience, and provides a thorough introduction to Microsoft's premier .NET language. The book helps you build a solid foundation in .NET, and shows you how to apply your skills through the use of dozens of tested examples. You'll learn about the syntax and structure of the C# language, including operators, classes and interfaces, structs, arrays, and strings. Better yet, this updated edition of Learning C# has been completely revised to include the latest additions to the C# language plus a variety of learning aids to help lock-in new knowledge and skills. Here's what's new: Extensive revisions to the text and examples to reflect C# 2005 and .NET 2.0 changes An introduction to Visual Studio 2005, the most popular tool for building Windows and web applications More than 200 questions and fully debugged programming exercises with solutions A greater emphasis on event handling New coverage of generics, generic collections, partial classes, anonymous methods and more. By the time you've finished Learning C#, 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, Learning C# will set you firmly on your way to mastering the essentials of the C# language.

[Learn C# From Scratch in One Hour](#) Packt Publishing Ltd

You don't need coddling; you don't need to be told what you already know. What you need is a book that uses your experience as a Java or C++ programmer to give you a leg up into the challenges and rewards of C#. And this Practical Guide is precisely what you're after. Written by a team that boasts extensive experience teaching C# to professionals, this book provides a practical, efficient explanation of the language itself, covering basic to advanced features and calling out all that's new in 2.0. Its instruction is always firmly situated within the context of the .NET framework and bolstered by code examples, key lessons in object-oriented programming, and installments of a realistic application programming tutorial. Concise and incisive, this is the best way to master the world's fastest-growing and most marketable programming language. Features: Provides a carefully focused explanation of every aspect of the C# language, including entire chapters on the unified type system, advanced types, collections, generics, reflection and attributes. Highlights all features new to the latest version of C# and organizes its presentation of C# according to the key principles of object-oriented programming and the .NET framework. Using end-of-chapter exercises, incrementally develops a cohesive application programming tutorial. Provides a carefully focused explanation of every aspect of the C# language, including entire chapters on the unified type system, advanced types, collections, generics, reflection and attributes. Highlights all features new to the latest version of C# and organizes its presentation of C# according to the key principles of object-oriented programming and the .NET framework. Using end-of-chapter exercises, incrementally develops a cohesive application programming tutorial.

[Visual C# 2005](#) John Wiley & Sons

Effective techniques and experienced insights to maximize your C# 6 and 7 programming skills Key Features Written by C# legend and top StackOverflow contributor Jon Skeet Unlock the new features of C# 6 and 7 Insights on the future of the C# language Master asynchronous functions, interpolated strings, tuples, and more Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. "An excellent overview of C# with helpful and realistic examples that make learning the newest features of C# easy." —Meredith Godar About The Book C# is the foundation of .NET development. New features added in C# 6 and 7 make it easier to take on big data applications, cloud-centric web development, and cross-platform software using .NET Core. Packed with deep insight from C# guru Jon Skeet, this book takes you deep into concepts and features other C# books ignore. C# in Depth, Fourth Edition is an authoritative and engaging guide that reveals the full potential of the language, including the new features of C# 6 and 7. It combines deep dives into the C# language with practical techniques for enterprise development, web applications, and systems programming. As you absorb the wisdom and techniques in this book, you'll write better code, and become an exceptional troubleshooter and problem solver. What You Will Learn Comprehensive guidance on the new features of C# 6 and 7 Important legacies and greatest hits of C# 2-5 Expression-bodied members Extended pass-by-reference functionality Writing asynchronous C# code String interpolation Composition with tuples Decomposition and pattern matching This Book Is Written For For intermediate C# developers. About The Author Jon Skeet is a senior software engineer at Google. He studied mathematics and computer science at Cambridge, is a recognized authority in Java and C#, and maintains the position of top contributor to Stack Overflow. Table of Contents 1. Survival of the sharpest 2. C# 2 3. C# 3: LINQ and everything that comes with it 4. C# 4: Improving interoperability 5. Writing asynchronous code 6. Async implementation 7. C# 5 bonus features 8. Super-sleek properties and expression-bodied members 9. Stringy features 10. A smörgåsbord of features for concise code 11. Composition using tuples 12. Deconstruction and pattern matching 13. Improving efficiency with more pass by reference 14. Concise code in C# 7 15. C# 8 and beyond PART 1 C# IN CONTEXT PART 2 C# 2-5 PART 3 C# 6 PART 4 C# 7 AND BEYOND

**C#** Independently Published

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

[Visual C# 2008](#) Sams Publishing

Learning a programming language can seem like a daunting task. You may have looked at coding in the past, and felt it was too complicated and confusing. This comprehensive beginner's guide will take you to step by step through learning one of the best programming languages out there. In a matter of no time, you will be writing code like a professional. This guide is written specifically for beginners. We take you step-by-step through writing your very first program, explaining each portion of code as we go along. We guide you through choosing an IDE, as well as how to save,

compile and run your programs. The examples in this book are packed with carefully designed exercises that help you learn how to think like a programmer and to demonstrate the concepts being explained and for deeper understanding. This book includes unique exercises at the end of each chapter that requires the application and demonstration of all the concepts taught in that

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chapter. Working through the exercises will not only give you an immense sense of satisfaction but also boost your confidence in your programming skills, there are solutions to exercises to enable you to compare with your own solutions.

[C# 24-Hour Trainer](#) Cengage Learning

[Fundamentals of Computer Programming with C#](#)The Bulgarian C# BookFaber Publishing