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Autore	Troelsen Andrew W.
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Note generali	Includes index.
Nota di contenuto	Part I: Introducing C# and .NET Core -- Chapter 1: Introducing .NET Core -- Chapter 2: Building C# Applications -- Part II: Core C# Programming -- Chapter 3: Core C# Programming Constructs, Part I -- Chapter 4: Core C# Programming Constructs, Part II -- Part III: Object Oriented Programming with C# -- Chapter 5: Understanding Encapsulation -- Chapter 6: Understanding Inheritance and Polymorphism -- Chapter 7: Understanding Structured Exception Handling -- Chapter 8: Working with Interfaces -- Chapter 9: Understanding Object Lifetime -- Part IV: Advanced C# Programming -- Chapter 10: Collections and Generics -- Chapter 11: Advanced C# Language Features -- Chapter 12: Delegates, Events, and Lambda Expressions -- Chapter 13: LINQ To Objects -- Chapter 14: Processes, AppDomains, and Load Contexts -- Chapter 15: Multithreaded, Parallel, and Async Programming -- Part V: Programming with .NET Core Assemblies -- Chapter 16: Building and Configuring Class Libraries -- Chapter 17: Type Reflection, Late Binding, and Attribute-Based Programming -- Chapter 18: Dynamic Types and the Dynamic Language Runtime -- Chapter 19: Understanding CIL and the Role of Dynamic Assemblies -- Part VI: File and Data Handling -- Chapter 20:

File I/O and Object Serialization -- Chapter 21: Data Access with ADO.NET -- Chapter 22: Introducing Entity Framework Core -- Chapter 23: Finishing the Data Access Layer -- Part VII: Windows Client Development -- Chapter 24: Introducing Windows Presentation Foundation and XAML -- Chapter 25: WPF Controls, Layouts, Events, and Data Binding -- Chapter 26: WPF Graphics Rendering Services -- Chapter 27: WPF Resources, Animations, Styles, and Templates -- Chapter 28: WPF Notifications, Validations, Commands, and MVVM -- Part VIII: ASP.NET Core -- Chapter 29: Introducing ASP.NET Core -- Chapter 30: Restful Services with ASP.NET Core -- Chapter 31: MVC Applications with ASP.NET Core.

Sommario/riassunto

This essential classic provides a comprehensive foundation in the C# programming language and the frameworks it lives in. Now in its 9th edition, you will find the latest C# 8 and .NET Core features, along with new chapters on Microsoft's lightweight, cross-platform framework, .NET Core 3.1. Coverage of ASP.NET Core, Entity Framework Core, and more, sits alongside the latest updates to .NET Core, including Windows Presentation Foundation (WPF). Not only does this book cover all of the latest features in C# 8, but all chapters and code samples have been rewritten for this latest release. Dive in and discover why this book has been a favorite of C# developers worldwide for more than 15 years. Gain a solid foundation in object-oriented development techniques, attributes and reflection, generics and collections, and numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of Pro C# 8 with .NET Core 3 gain the confidence to put C# into practice and explore the .NET Core universe on your own terms. What You Will Learn: Discover the bells and whistles of C# 8 features and updates to previous features Hit the ground running with ASP.NET Core web applications and web services, and Entity Framework Core Work with the latest version of Windows Presentation Foundation, now a part of .NET Core Understand the philosophy behind .NET and the cross-platform alternative, .NET Core Develop applications with C# and modern frameworks for services, web, and smart client applications This book is for developers who are interested in Microsoft programming and the C# language. Andrew Troelsen has more than 20 years of experience in the software industry. Over this time he has worked as a developer, educator, author, public speaker, and now team lead and lead engineer. He is the author of numerous books in the Microsoft universe. He holds a master of science degree in software engineering (MSSE) from the University of St. Thomas and another in computational linguistics (CLMS) from the University of Washington. Phil Japikse is an international speaker, Microsoft MVP, ASPInsider, Professional Scrum Trainer, and a passionate member of the developer community. He is the lead director of the Cincinnati .NET User Group and the Cincinnati Software Architect Roundtable, and he founded the CincyDeliver conference. Currently, Phil works as a Director of Consulting and Enterprise Architect. Follow Phil on his blog (skimedic.com) or on Twitter @skimedic. "Amazing! Provides easy-to-follow explanations and examples. I remember reading the first version of this book; this is a 'must-have' for your collection if you are learning .NET Core!" – Rick McGuire, Senior Application Development Manager, Microsoft "Phil is a journeyman programmer who brings years of experience and a passion for teaching to make this fully revised and modernized 'classic' a 'must-have'. Any developer who wants full-spectrum, up-to-date coverage of both the C# language and how to use it with .NET Core and ASP.NET Core should get this book." – Brian A. Randell, Partner, MCW Technologies and Microsoft MVP.
