

Table of Content:

- 1. The Philosophy of NET**
- 2. Building C Applications**
- 3. Core C Programming Constructs Part I**
- 4. Core C Programming Constructs Part II**
- 5. Understanding Encapsulation**
- 6. Understanding Inheritance and Polymorphism**
- 7. Understanding Structured Exception Handling**
- 8. Working with Interfaces**
- 9. Multithreaded Parallel and Async Programming**
- 10. File IO and Object Serialization**
- 11. The Connected Layer**
- 12. The Disconnected Layer**
- 13. The Entity Framework**
- 14. Introducing LINQ to XML**
- 15. Introducing Windows Communication Foundation**
- 16. Introducing Windows Workflow Foundation**
- 17. Collections and Generics**
- 18. Delegates Events and Lambda Expressions**
- 19. Advanced C Language Features**
- 20. LINQ to Objects**
- 21. Understanding Object Lifetime**
- 22. Building and Configuring Class Libraries**
- 23. Type Reflection Late Binding and AttributeBased Programming**
- 24. Dynamic Types and the Dynamic Language Runtime**
- 25. Processes AppDomains and Object Contexts**
- 26. Understanding CIL and the Role of Dynamic Assemblies**
- 27. Introducing Windows Presentation Foundation and XAML**
- 28. Programming with WPF Controls**

- 29.WPF Graphics Rendering Services**
- 30.WPF Resources Animations and Styles**
- 31.Dependency Properties Routed Events and Templates**
- 32.Introducing ASPNET Web Forms**
- 33.ASPNET Web Controls Master Pages and Themes**
- 34.ASPNET State Management Techniques**
- 35.Index**