

Microsoft 0619034564

Microsoft Visual Basic .NET: Introduction to Programming, Second Edition - User Manual

Comprehensive Guide for Learning Visual Basic .NET

1. INTRODUCTION TO THE MANUAL

This manual provides essential information for effectively utilizing *Microsoft Visual Basic .NET: Introduction to Programming, Second Edition*. It is designed to guide students and instructors through the book's content, features, and practical application of Visual Basic .NET fundamentals.

The book serves as a comprehensive instructional tool for an introductory course, covering core concepts, database programming, classes, and collections. It is structured to provide over 75 hours of instruction.

2. SETUP AND PREREQUISITES

Before beginning your study with this book, ensure you have access to the necessary software and a suitable learning environment.

- **Software Requirements:** A compatible version of Microsoft Visual Basic .NET development environment (e.g., Visual Studio .NET). Refer to the book's preface for specific version recommendations.
- **Operating System:** A computer running a Windows operating system capable of supporting the Visual Basic .NET development environment.
- **Prior Knowledge:** While designed for an introduction, a basic understanding of computer operations and fundamental programming concepts may be beneficial.
- **Hardware:** A computer with sufficient processing power, RAM, and storage to run the development environment smoothly.

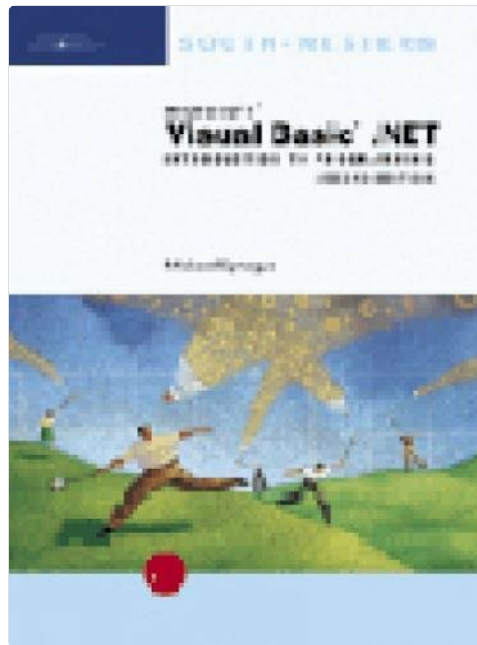


Figure 2.1: Front cover of the textbook. This image displays the title, author, and publisher information, providing a visual reference for the book.

3. OPERATING AND LEARNING APPROACH

This book is structured to facilitate a progressive learning experience. Follow these guidelines for optimal engagement:

1. **Chapter Progression:** It is recommended to follow the chapters sequentially as concepts build upon previous lessons.
2. **Hands-on Practice:** Actively engage with the programming examples and exercises provided within each chapter. Practical application is crucial for mastering Visual Basic .NET.
3. **Review Questions:** Utilize the end-of-chapter review questions to test your understanding of the material.
4. **Database Programming:** Pay close attention to sections on database programming, as they cover essential skills for modern application development.
5. **Classes and Collections:** Dedicate time to understanding classes and collections, fundamental concepts for object-oriented programming in Visual Basic .NET.

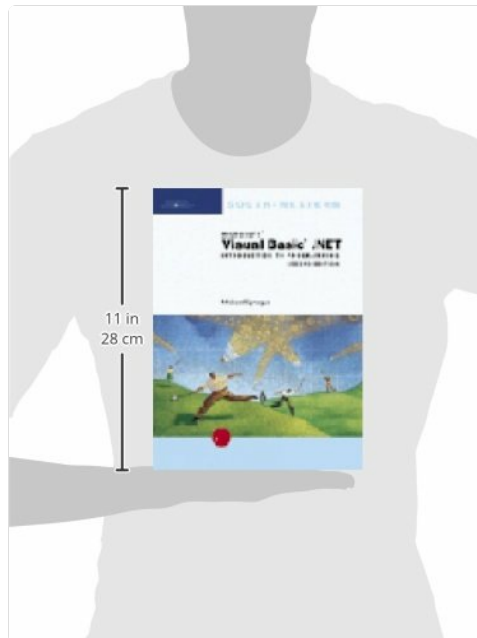


Figure 3.1: Side view of the book illustrating its physical dimensions. This image helps visualize the book's size and thickness.

4. MAINTENANCE AND CARE

To ensure the longevity and usability of your textbook, consider the following care instructions:

- **Storage:** Store the book in a dry place, away from direct sunlight and extreme temperatures, to prevent warping or fading.
- **Handling:** Handle with clean hands to avoid transferring oils or dirt to the pages.
- **Protection:** Consider using a book cover to protect the binding and pages from wear and tear, especially if transported frequently.
- **Markings:** Use pencils for notes that can be erased, or sticky notes, rather than permanent markers, to preserve the book's condition.

5. TROUBLESHOOTING COMMON LEARNING CHALLENGES

Encountering difficulties is a normal part of the learning process. Here are some common challenges and suggested approaches:

- **Code Errors:**
 - *Syntax Errors:* Double-check your code against the examples in the book. Visual Studio .NET provides helpful error messages.
 - *Logic Errors:* Step through your code line by line using the debugger. Compare your program's output with the expected results.
- **Concept Understanding:**
 - Reread the relevant sections slowly. Try to explain the concept in your own words.
 - Work through additional examples or create small test programs to solidify your understanding.

- **Software Installation Issues:**

- Refer to the official Microsoft documentation for Visual Studio .NET installation guides.
- Ensure your operating system meets the minimum requirements.

6. SPECIFICATIONS

Attribute	Detail
Title	Microsoft Visual Basic .NET: Introduction to Programming, Second Edition
Author	Michael Sprague
Publisher	Course Technology
Publication Date	October 9, 2002
Edition	2nd Edition
Language	English
Print Length	576 pages
ISBN-10	0619034564
ISBN-13	978-0619034566
Item Weight	3 pounds
Dimensions (L x W x H)	8.25 x 1 x 10.75 inches

7. WARRANTY AND SUPPORT

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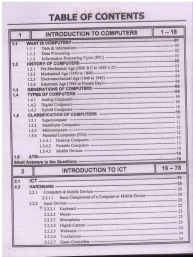
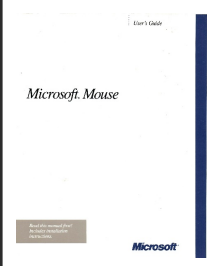
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For general inquiries about the book, you may contact the publisher:

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	<p>Windows 10 Quick Guide (Universal Edition) - Microsoft</p> <p>A concise guide to Microsoft Windows 10, covering key innovations, features like Cortana and Microsoft Edge, gaming capabilities, built-in apps, security, multitasking, and updates. This document provides an overview for users to quickly understand and utilize Windows 10.</p>
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	<p>Microsoft Mouse User's Guide - Installation and Usage Manual</p> <p>Explore the 1986 Microsoft Mouse User's Guide. Learn how to install, configure, and use your Microsoft Mouse with IBM PC compatibles, including setup for Bus, Serial, and InPort versions, software integration, and basic operation.</p>

