

Part 1

The Basics

The world of C# programming lies in front of you, waiting to be explored. In Part 1, we begin our adventure and learn the basics of programming in C#:

- Learn what C# and .NET are (Level 1).
 - Install tools to allow us to program in C# (Level 2).
 - Write our first few programs and learn the basic ingredients of a C# program (Level 3).
 - Annotate your code with comments (Level 4).
 - Store data in variables (Level 5).
 - Understand the type system (Levels 6).
 - Do basic math (Level 7).
 - Get input from the user (Level 8).
 - Make decisions (Levels 9 and 10).
 - Run code more than once in loops (Level 11).
 - Make arrays, which contain multiple pieces of data (Level 12).
 - Make methods, which are named, packaged, reusable bits of code (Level 13).
 - Understand how memory is used in C# (Level 14).
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