Take your first steps with C#

7000 XP

3 hr 34 min remaining • Learning Path • 1 of 8 modules completed

Beginner   Developer   Student   .NET

Interested in learning a programming language but aren't sure where to start? Start here! Learn the basic syntax and thought processes required to build simple applications using C#.

In this learning path, you'll:

- Write your first lines of C# code
- Store and manipulate data to modify its type and appearance
- Execute built-in functionality available from libraries of code
- Add logic to your code to enable complex business functionality

Once you complete this learning path, you will have a great foundation to build upon in subsequent C# Learning Paths.

Prerequisites

None

Start >   ⊕ Save

Modules in this learning path

Write your first C# code

✓ 800 XP ▶

17 min • Module • 7 Units

★★★★★ 4.9 (31,125)

Get started by writing tiny code examples to learn the basics of the C# syntax!

Overview ⌄

⊕ **Saved**

Store and retrieve data using literal and variable values in C#

1000 XP ▶

26 min remaining • Module • 0 of 9 units completed

★★★★★ 4.9 (18,935)

Use data in your applications by creating literal values and variable values of different data types.

Start ⟩

Overview ⌄

⊕ **Save**

Perform basic string formatting in C#

900 XP ▶

32 min remaining • Module • 0 of 8 units completed

★★★★★ 4.8 (12,606)

Combine literal and variable text data that are filled with special characters, formatting, and Unicode into meaningful messages for the end user.

Overview ⌄

⊕ **Save**

Perform basic operations on numbers in C#

900 XP ▷

23 min remaining • Module • 0 of 8 units completed

★★★★★ 4.8 (9,296)

Learn the operators and techniques used to perform basic math operations on numeric data.
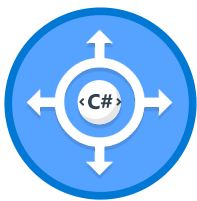
Overview ⌄

⊕ Save

Call methods from the .NET Class Library using C#

900 XP ▷

32 min remaining • Module • 0 of 8 units completed

★★★★★ 4.8 (7,677)

Use functionality in the .NET Class Library by calling methods that return values, accept input parameters, and more.

Overview ⌄

⊕ Save

Add decision logic to your code using `if`, `else`, and `else if` statements in C#

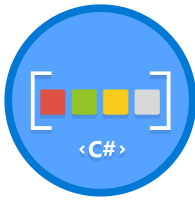800 XP ▷

33 min remaining • Module • 0 of 7 units completed

★★★★★ 4.9 (6,435)

Learn to branch your code's execution path by evaluating Boolean expressions.

Overview ⌄

⊕ Save

Store and iterate through sequences of data

800 XP ▷

using Arrays and the foreach statement in C#

39 min remaining • Module • 0 of 7 units completed

★★★★★　4.9 (5,979)

Work with sequences of related data in data structures known as arrays. Then, learn to iterate through each item in the sequence.

Overview ⌄

Save

Create readable code with conventions, whitespace, and comments in C#

900 XP ▷

29 min remaining • Module • 0 of 8 units completed

★★★★★　4.9 (7,805)

Write code that is easier to read, update and support using naming conventions, comments and whitespace.

Overview ⌄

Save