



800 XP

Iterate through a code block using for statement in C#

37 min • Module6 Units

Beginner

Developer

Higher Education Educator

K-12 Educator

Student

.NET

Visual Studio Code

Use the for iteration statement to loop a pre-set number of times and control the iteration process.

Learning objectives

After you complete this module, you'll be able to:

- Use the for statement to loop through a block of code
- Modify how the .NET Runtime executes the looping logic, changing the value of the iterator, the condition and the pattern

[Start >](#)[⊕ Add](#)

Prerequisites

- Experience creating simple C# applications that include console I/O and access the methods of .NET classes such as String and Random
- Experience using Visual Studio Code to develop, build, and run C# console applications that implement arrays, if-elseif-else statements, and foreach statements
- Experience using C# code to evaluate conditional expressions and manage variable scope inside and outside of code blocks
- Experience using the switch-case construct to match a variable or expression against several possible outcomes

This module is part of these learning paths

[Add logic to C# console applications \(Get started with C#, Part 3\)](#)

Introduction

3 min

Exercise - Create and configure for iteration loops

14 min

Exercise - Complete a challenge activity using for and if statements

9 min

Review the solution to the for and if statement challenge activity

6 min

Knowledge check

3 min

Summary

2 min