



1000 XP

Add looping logic to your code using the do-while and while statements in C#

55 min • Module 8 Units

Beginner

Developer

Higher Education Educator

K-12 Educator

Student

.NET

Visual Studio Code

Use the do-while and while statements to iterate as long as a Boolean expression evaluates to true.

Learning objectives

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

- Write code that uses the do-while statement to iterate through a code block
- Write code that uses the while statement to iterate through a code block
- Use the continue statement to step directly to the Boolean evaluation

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Prerequisites

- Experience using Visual Studio Code to develop, build, and run C# console applications that include console I/O and access the methods of .NET classes
- Experience using C# code to evaluate conditional expressions and manage variable scope inside and outside of code blocks
- Experience using if-elseif-else and switch-case statements in C# to match a variable or expression against several possible outcomes
- Experience using foreach and for statements in C# to loop through a block of code and access elements of array variables

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 do and while iteration loops

10 min

Exercise - Complete a challenge activity using do and while iteration statements

9 min

Review the solution to do and while challenge activity

6 min

Exercise - Complete a challenge activity to differentiate between do and while iteration statements

14 min

Review the solution to do versus while challenge activity

8 min

Knowledge check

3 min

Summary

2 min