800 XP

Branch the flow of code using the switch-case construct in C#

34 min • Module6 Units

Beginner   Developer   Higher Education Educator   K-12 Educator   Student   .NET

Visual Studio Code

Learn how to add branching logic that matches one variable or expression against many possible values.

Learning objectives

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

- Use the switch-case construct to match a variable or expression against several possible outcomes
- Convert code that uses an if-elseif-else construct into a switch-case construct

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

This module is part of these learning paths

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

| Introduction
| 3 min

Exercise - Implement a switch statement

11 min

Exercise - Complete a challenge activity using switch statements

9 min

Review the solution to the switch statement challenge activity

6 min

Knowledge check

3 min

Summary

2 min