✓ 900 XP

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

56 min • Module7 Units

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

Visual Studio Code

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

Learning objectives

In this module, you will:

- Write code that evaluates conditions using if, else, and else if statements.
- Build Boolean expressions to evaluate a condition.
- Combine Boolean expressions using logical operators.
- Nest code blocks within other code blocks.

⊕ **Add**

Prerequisites

- Experience declaring, initializing, setting, and retrieving variables by using the int data type.
- Experience printing messages to output by using Console.WriteLine().
- Experience with string interpolation to combine variables into literal strings.
- Experience working with the System.Random class to generate random numbers.

This module is part of these learning paths

Create and run simple C# console applications (Get started with C#, Part 2)

Introduction
3 min ✓

Exercise - Create decision logic with if statements
19 min ✓

Exercise - Create nested decision logic with if, else if, and else
14 min ✓

Exercise - Complete a challenge activity to apply business rules
12 min ✓

Review the solution to the apply business rules challenge activity
3 min ✓

Knowledge check
3 min ✓

Summary
2 min ✓