



✓ 700 XP

# Challenge project - Develop foreach and if- elseif-else structures to process array data in C#

56 min • Module6 Units

Beginner

Developer

Higher Education Educator

K-12 Educator

Student

.NET

Visual Studio Code

Demonstrate your ability to update a console app that implements arrays, foreach loops, and if statements in response to a user requested feature update.

## Learning objectives

In this module, you'll demonstrate your ability to:

- Revise a C# console application that uses nested foreach loops to access array data based on an updated feature specification.
- Update the variables and if statements in a C# console application to create the code branches and calculations required to satisfy an updated feature specification.

⊕ Add

## 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 if statements in C# to evaluate an expression and branch code accordingly.
- Experience using a foreach loop to access elements of array variables.

**This module is part of these learning paths**

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

## Introduction

4 min



## Prepare

7 min



## Exercise - Update your formatted output

20 min



## Exercise - Update your calculated values

20 min



## Knowledge check

3 min



## Summary

2 min

