✓ 900 XP

Guided project - Calculate final GPA

54 min • Module8 Units

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

Gain experience developing an application that will calculate and display results based on given data.

Learning objectives

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

- Learn to develop basic applications by breaking down the work into smaller parts
- Identify appropriate data types for storing and working with variables
- Perform mathematical operations to determine results
- Apply formatting techniques to display output

⊕ **Add**

Prerequisites

- Beginner level experience with basic C# syntax rules
- Beginner level experience with displaying a message to a console using the Console.WriteLine() and Console.Write() methods
- Beginner level experience with creating literal values and declare variables of basic data types like string, int, and decimal
- Beginner level experience with string concatenation and string interpolation
- Beginner level experience with performing basic operations on numbers

This module is part of these learning paths

Write your first code using C# (Get started with C#, Part 1)

Introduction ✓

5 min

Prepare for guided project ✓

5 min

Exercise - Store the numeric grade values for each course ✓

10 min

Exercise - Calculate the sums of credit hours and grade points ✓

10 min

Exercise - Format the decimal output ✓

10 min

Exercise - Format the output using escaped character ✓
sequences

10 min

Knowledge check ✓

3 min

Summary ✓

1 min