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# Guided project - Calculate and print student grades

44 min • Module7 Units

Beginner

Developer

Higher Education Educator

K-12 Educator

Student

.NET

Learn to develop 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

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## 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 - Calculate the sum of each student's assignment scores

10 min



## Exercise - Calculate the average of the student's assignment scores

10 min



## Exercise - Format the output using escaped character sequences

10 min



## Knowledge check

3 min



## Summary

1 min

