# Exercise 4: Calculating with Integers

### Clone your repository

1. Accept the assignment to create your repository for submitting your work: <https://classroom.github.com/a/KRcGi9su>
2. In GitHub Desktop, clone the repository to your desktop.

*You are now ready to begin the exercise.*

## Problem – Calculating with integers

1. Create a new C# Console App named Exercise4.
2. In the Main method, do the following:
3. Prompt for and get the altitude for a location as an int.
4. Prompt for and get the altitude for a second location as an int .
5. Calculate and display the altitude change you'd experience moving from the first point to the second point.

**Hint**: The order of the subtraction matters, so make sure you're getting the correct sign on your answer.

**Prompting for and Getting**

To prompt for an input, you could use something like:

**Console.Write("Enter first altitude: ");**

To read, parse, and store an altitude typed in by the user, you could use something like:

**int firstAltitude = int.Parse(Console.ReadLine());**

1. Commit your changes in GitHub Desktop with commit message: “Completed Problem 2”

## Submit Your Work

1. Make a final test of your code and copy the output from the terminal window.
2. If you need to make any additional changes to your code, make sure you commit them.
3. By committing and pushing your updates to GitHub you have submitted your assignment on GitHub Classroom.
4. Return to CodeHS. Paste your output into the code window to complete the assignment.