

Credit Name: CSE 2140 2nd Language Programming

Assignment Name: Chapter 3 Variables and Constants - College Calculator

The following questions can help you in thinking critically about your problem-solving processes:

Understanding the Problem

How did you approach understanding the challenge?

I tried to look at all the different parts I would need to complete the code, and then did research to make sure I covered all bases of what expenses would there be and what possible coverage can be have to offset the costs.

Planning the Solution

Did you create a plan or break the problem into smaller steps before coding?

I broke the code into two steps, first I planned out the needed variables and created user input for them and then figured out the calculation needed.

Implementation

How did you test your solution along the way to make sure it was working?

After every chunk of code I tested it to make sure everything was working fine. And then at the end I saw that instead of doing the calculation at the end of the code, I could implement it throughout the code with the operator (+= and -=)

Overcoming Challenges

How did you handle moments when you felt stuck or unsure of what to do next?

As I always do, I look at past codes to see if anything is the same where I can just reuse past codes to continue. If not, most things are similar enough I can just tweak the code a little bit to do what I need it to do.

Learning

Was there anything you learned that you think will help you with future challenges?

I learned that in order for the user to input a decimal number you must change, = input.nextInt() to input.nextDouble.