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CMSC‌ ‌104,‌ ‌CRN:‌ ‌21473‌ ‌Fall‌ ‌2021‌ ‌

**CMSC140‌ ‌Programming‌ ‌Classwork/Homework‌**

**Pseudocode:**

Begin

1. The computer will ask the user to enter their choice of either the adder or subtracter

2. if you enter a number other than 1 or 2 then the computer will ask you to try again

3. If you press 1 or 2, the computer will ask you to enter 2 numbers

4. Based on the tool you selected, the computer will either add the two values or subtract them

5. The computer will return the value to the user

END

**Test Cases:**

| **Test Case #** | **Input** | **Actual Input** | **Expected Output** | **Actual Output** | **Did the test pass?** |
| --- | --- | --- | --- | --- | --- |
| 1 | Tool: 1  Num1:5  Num2: 3 | Tool: 1  Num1:5  Num2: 3 | 8 | 8 | Yes |
| 2 | Tool: 2  Num1:5  Num2: 3 | Tool: 2  Num1:5  Num2: 3 | 2 | 2 | Yes |
| 3 | Tool: 3  Num1:n/a  Num2: n/a | Tool: 3 | Please try again invalid entry. | please enter a valid number (1 or 2)! | Yes |

Screenshots:



