Homework 3

CIS 160 FS2015

Due: 10/6/2015 at the *beginning of lecture*

Points available: 50pts

For this assignment you will turn in:

In class (10pts):

1. A statement of the problem (typed)
2. An explanation of your solution (typed)
3. A flowchart (hand-drawn or computer generated)
4. Pseudocode (typed)

Via BlackBoard (40pts):

1. C program named `<username>_calculator.c`

Assignment:

Follow the steps that we have outlined in class for algorithm development to generate a program that performs general arithmetic calculations (+ - x /).

Specifications:

Inputs:

1. User gives the symbol: + - x /
2. User gives the two numbers

Outputs:

1. Result of the operation

Extra Credit:

1. Notify user when subtracting two positive numbers results in a negative number. (5pts)
2. Format output nicely (e.g. `2+4=6`). (5pts)

Other:

1. This is individual work. You may NOT work in groups.
2. Please staple all work together.
3. You are expected to error check.
4. For code: No compile = No points, no exceptions!