Homework 4

Due: Tuesday, October 27 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)

* Note: if you are in CIS120, you may use the same material for this homework assignment.

Via BlackBoard(40pts):

1. C program named `grades.c`

Assignment:

Follow the steps that we have outlined in class for algorithm development to generate a program that calculates your grade. Look at the syllabus to see how your grade is weighted. I am not giving you a set way to do this. I would like you to come up with your own ideas.

Specifications:

Inputs:

1. Interactive with user. Be creative!

Outputs:

1. Percent totals for each section (e.g. Homework, Exams)
2. Total grade

Extra Credit:

1. At the end, give a letter grade. (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 all input.
4. For code: No compile = No points, no exceptions!