

# Homework 1

CIS 160 FS2015

Due: September 3, 2015 at the *beginning of lab*

Points Available: 30 pts

**For this assignment you will turn in:**

In class:

1. A statement of the problem (typed) (5pts)
2. An explanation of your solution (typed) (5pts)
3. A flowchart (hand-drawn or computer generated) (10pts)
4. Pseudocode (typed) (10pts)

**Assignment:**

Follow the steps that we have outlined in class for algorithm development to generate pseudocode (no actual programming) that calculates sales tax and total given the subtotal and the tax rate.

**Specifications:**

Inputs:

1. Subtotal
2. Tax Rate

Outputs:

1. Sales Tax
2. Total

**Other:**

1. This is individual work. You may NOT work in groups.
2. Please staple all work together.