CIS 1400: Programming and Logic Technique
Lab Assignment

Name: _____

Lab Assignment	#3 – Understanding Modules
Due Date *(beginning of class)*	09/17/2012
Points	Multiple Choice _____/ 15 pts. Property Tax *(attach hardcopies)* Flowchart _____/ 10 pts. VB Program _____/ 20 pts. **Total _____/ 50 pts.**

Lab Assignment #3 Activities

1. Answer the following **Chapter 3 Multiple Choice Review Questions** on pages 113 to 114 of your textbook. *(15 points)*

Question Number	Your Answer
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

2. Design a program that includes a **modular** based approach to solve **Chapter 3 Programming Exercise 5 (Property Tax)** on page 118. Remember the guideline given on page 80 in your textbook:

> *"When using modules in a program, you generally isolate each task with the program in its own module."*

a) Create a flowchart that represents your solution that implements the problem requirements:

Additional Problem Requirements:

- Include modules to (at least) calculate and return (through pass by reference parameters—**do not display in the module**) the assessed value and the property tax value. Subsequent display of these values should be done by the main, or another, module.
- Declare the **assessed percent value** (60% of actual value) and property tax percent (64¢ per $100 assessed value) as **global named constants**.
- All other needed values should be incorporated as arguments/parameters as appropriate.

Attach a copy of your flowchart to this lab coversheet (**be sure to label the hardcopy with your name, date, class, and lab assignment number**). *(10 points)*

☐ Completed

b) Create the **Visual Basic** source code that represents the pseudocode requirements from the previous step. The VB source code must have the following for full credit:

- Program header comments that include your **name, date, class, and short problem description**
- End of program comments that include **output from sample program run**

Attach a copy of your source code to this lab coversheet. *(20 points)*

☐ Completed