

Assignment # 4

Due Date: Feb. 18, 2006 (11:59 pm)

This assignment is a short one, all you need to do is to redo assignment 3 by **add a new function to read the data from keyboard and bring it to the main**. Main function will declare variables and call functions only.

Write a program to calculate the property tax. Property tax is calculated on 92% of the assessed value of the property. For example, if the assessed value is \$100000, the property tax is on \$92000. Assume that the property tax rate is 1.05% of the assessed value. Your program should prompt the user to enter the assessed value of the property. Print the result to a file in the following format. (Here is a sample output.)

Programmer: Mr. Perfect
Programming Assignment: 3
Due Date: Feb. 11, 2006
Program Description: The program will calculate the amount of property taxes owed.

Assessed value: \$100000.00
Taxable Amount: \$92000.00
Tax Rate for: 1.05%
Property Tax: \$966.00

Format your output to 2 decimal places.

Assignment requirements:

1. Must use good and meaningful variable names and proper use of constants and variables.
2. Must include an algorithm and Id block as comments at the beginning of your program.

a. Your algorithm could be:

- i. At the beginning of main with all the details including what is done inside functions
- ii. In main write an algorithm to refer to function calls, then in each function include a short algorithm as a comment block.

3. Must include minimum 4 functions plus main

- a. Function "Intro" to print the introduction at the beginning of the run
- b. Function "Calc_Tax" to calculate amount of property tax owed
- c. Function "Calc_Taxable_Amount" to calculate taxable amount
- d. Function "Print_Results" to print the final results as shown above
- e. Function "main" to use the above functions and complete the task

f. Function "Read_Data" to prompt the user for input and then read the data from keyboard and report them to the calling function.
(New function) → do Not use return

prototype
void F_Name(float*)

need * here
to make the
input type
be a pointer
Not a
simple #

is this
user
defined or
hard coded?

can he
send a sample
algorithm?

R