

ASSIGNMENT – 3

(Due: 09/05/2012)

1. Reading Assignment: Chapter 3 - Conditions
2. Write a program that calculates the **area of a triangle** and neatly and correctly **outputs the base, the height and the area**. Use **floating point variables**. Label all outputs and tabulate the results either in evenly spaced row or in columns. The base is 5, the height 7. What should the correct answer be? Does it match the output of your program?
3. Repeat Problem 1 but **obtain the input from the user** rather than using the set values of 5 and 7.
4. Write a program that uses the following formula to pay a sales person.
$$\text{Income} = (\text{Rate} * (\text{Sales Price} - \text{Cost})) + \text{Salary}$$

Input the commission rate, sales price, cost and salary using scanf. Print the various inputs neatly and with labels and the income.

Remember to format your homework with name and other information. Turn in your code.

Optional – include the math.h library