**For the following problems**

* **Identify what the OUTPUT will be and what the INPUT(S) will be, create the algorithms (review PPT slide show Ch 2 for examples)**
* **Flowchart the solutions:**

1. Design a program that displays the following information: (Hint : Prompt for information)

* Name
* Address (City, State and Zip)
* Phone

1. A company has determined that its annual profit is typically 23 percent of the total sales. Design a program that asks the user to enter the projected amount of the total sales and then displays the profit that will be made from that amount. (use .23 to represent the 23%)
2. Design the program that converts Celsius temperatures to Fahrenheit temperatures . The program should ask/prompt the user to enter the temperature in Celsius and then display the converted temperature in Fahrenheit. ( F= 9/5C + 32)

Review the order of precedence for math operators and then calculate the answers for the following :

1. 12 + 6 / 3 \* 2=16
2. 100 - 25 \* 3 MOD 4= 25
3. 3 + 2 + 1 – 5 + 4 MOD 2 – 1 / 4 + 6= 6.25
4. 4 + 7 \* 2 - 3 \* 6 MOD 4 ^ 2 – 2 = 4