

## A Contest!

How well do you understand the idea of conditionals?

## Working Away from the Computer

- ❖ Form teams (I'll direct you)
- ❖ You are working on an application to be programmed in VB.
- ❖ There are 2 parts to the application:
  - ❑ Part I: Create a program that will allow a user to enter in the outside temperature. The computer will respond with an opinion about it. There will be 3 opinions:
    - ✦ Too cold!
    - ✦ Just right!
    - ✦ Too damned hot!
  - ❑ Part II: Add statements that will convert the Fahrenheit temperature give to Celsius and display the result

## Working Away from the Computer

- ❖ Start by drawing a simple interface that will:
  - ❑ Give instructions
  - ❑ Take user input
  - ❑ Allow the input to be "submitted" to the program
  - ❑ Give a response to the use
  - ❑ Reset the form
- ❖ Name all objects used in your form!!!!

## Working Away from the Computer

- ❖ Where is the most logical place to add code statements that will:
  - ❑ Take the user input and compare it to see if it is over 80, under 60, or somewhere in-between?
  - ❑ Convert the temperature the user enters into Celsius and display it?  
The formula to convert Fahrenheit to Celsius is:  
$$C = (5/9) * (F - 32)$$
  - ❑ Reset the form?