**Nested Loop w/cell color format**

For i = 1 To 8

For j = 1 To 8

If i Mod 2 = 0 Then

If j Mod 2 <> 0 Then

Cells(i, j).Interior.ColorIndex = 1

End If

Else

If j Mod 2 = 0 Then

Cells(i, j).Interior.ColorIndex = 1

End If

End If

Next j

Next i

**Message Box Pop Ups**

MsgBox(“What I want to say”)

**Cells & Ranges**

Cells(row#, col#).Value = “word or #”

Range(“A1:A10”).Value = “word or #” Range(“C1, F1”).Value = “word or #”

**Step #1- Declaring Variables**

Dim name as string (or integer/double/long)

Name = “word”

Dim price as double

Price = #.##

R**etrieve/Store data values in each variable**

Price = Range(“cell”).Value

**' String, Numeric Combination (Casting)**

MsgBox ("I am " + Str(age1) + " years old.")

**' Create the Ingredients Array**

Dim Ingredients(2) as String

' Add Ingredients to the Array

Ingredients(0) = "Chocolate Bar"

Ingredients(1) = "Peanut Butter"

Ingredients(2) = "Jelly"

' Retrieve specific elements of the array

MsgBox(Ingredients(2))

**' Simple Conditional with If, Else, and Elseif**

If Range("A5").Value > Range("B5").Value Then

MsgBox ("Num 3 is greater than Num 4")

Elseif Range("A5").Value < Range("B5").Value Then

MsgBox("Num 4 is greater than Num 3")

Else

MsgBox("Num 3 and Num 4 are equal")

End If