Review (4/29)

Sub Variables():

' Basic String Variable

' ----------------------------------------

Dim name As String

name = "Gandalf"

MsgBox (name)

' Basic String Concatenation (Combination)

' ----------------------------------------

Dim title As String

title = "The Great"

Dim fullname As String

fullname = name + " " + title

MsgBox (fullname)

' Basic Integer, Double, Long Variables

' ----------------------------------------

Dim age1 As Integer

Dim age2 As Integer

age1 = 5

age2 = 10

Dim price As Double

Dim tax As Double

price = 19.99

tax = 0.05

Dim lightspeed As Long

lightspeed = 299792458

' Basic Numeric manipulation

' ----------------------------------------

MsgBox (age1 + age2)

Cells(1, 1).Value = price \* (1 + tax)

' String, Numeric Combination (Casting)

' ----------------------------------------

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

' Booleans

' ----------------------------------------

Dim money\_grows\_on\_trees As Boolean

money\_grows\_on\_trees = False

Dim number\_1 As Integer

number\_1 = Range("C1").Value

Range("E1").Value = number\_1

Range("E2").Value = Range("C2").Value

Sub SimpleArrays():

' String Splitting Example

' ------------------------------------------

Dim Words() As String

Dim Shakespeare As String

Shakespeare = "To be or not to be. That is the question"

' Break apart the Shakespeare quote into individual words

Words = Split(Shakespeare, " ")

' Print individual word

MsgBox (Words(5))

End Sub

There are two main blocks in code.

1. If statement
2. For loop statement

Code little test a lot

What is the benefit of doing that?