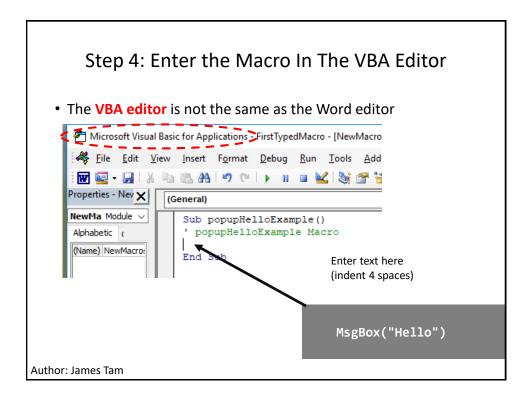
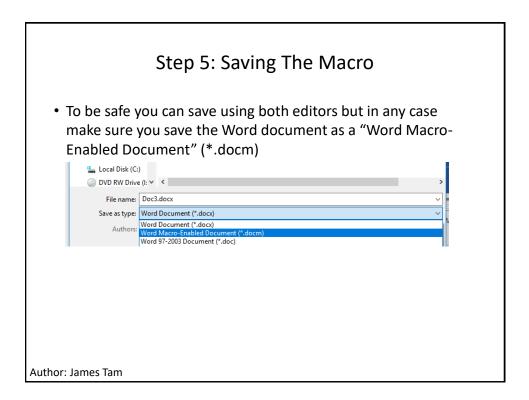


Ste	ep 3: Select The Edit Op	otion	
Macros		? ×	
Macro name	8:		
popupHell	oExample	<u>R</u> un Step Into <u>E</u> dit <u>C</u> reate <u>D</u> elete Organizer	•
M <u>a</u> cros in:	firstTypedMacro.docm (document)		
Description		Cancel	
Author: James Tam			

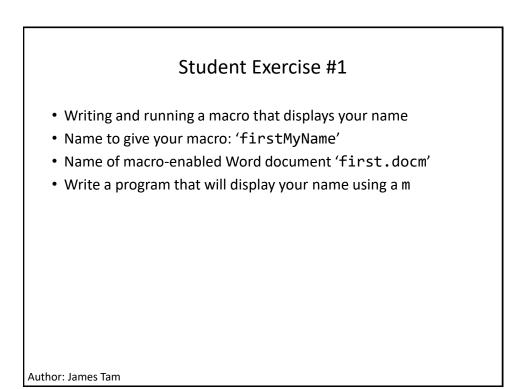


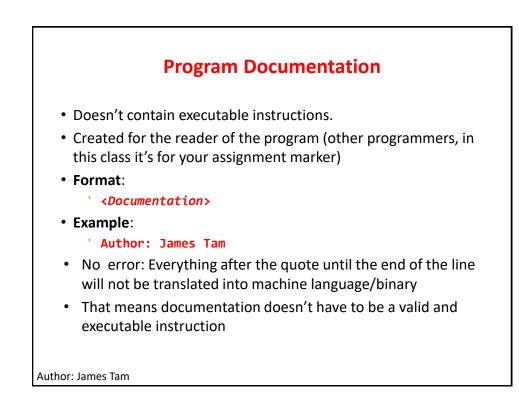
Step 5: Saving The Macro
• Typically if you either save via the VBA editor
Microsoft Visual Basic for Applications - FirstTypedMacro - [NewMacro Key Eile Edit Yiew Insert Format Debug Run Iools Add Weile A Constraint A Co
<ul> <li>or the Word editor then the macro will be saved.</li> </ul>
Home       Insert       Design       Layol         Wisual       Macros       Ile Pause Recording       Add-         Basic       Code       Add-       Add-
Author: James Tam

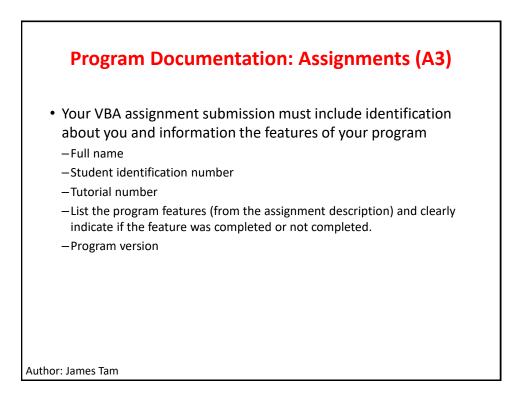


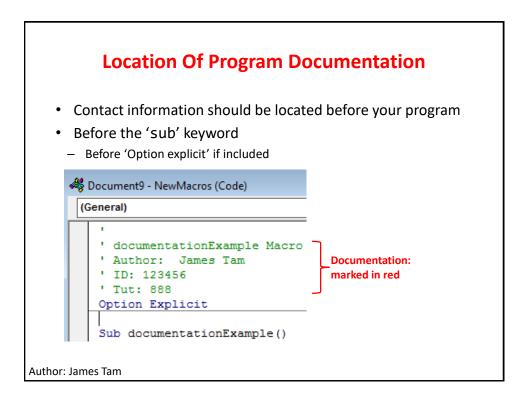
	Running The Macro
	Regardless of how a macro has been created: – Automatically recorded – Manually entered
•	A macro will be run using the same series of steps.
•	Developer->Macros
•	Bred       Home       Inset       Design       Layout       References       Mailings       Review       View       Developer         Image: Security Code       Image: Sec
	Macros ? X
	Macro name: popupHelloExample  Step Int  Step Int
Author	<u>E</u> dit

Result Of Running The Example Macro	
Microsoft Word	×
Hello! Sup?! Na Ho! Ni Hao! Kamustaka! Salaam! Shaloom! Buenos! Guten T	ag!
ок	
JT: if you need to see the solution to the exercise look at th document: lfirstTypedMacro.docm	e
Author: James Tam	

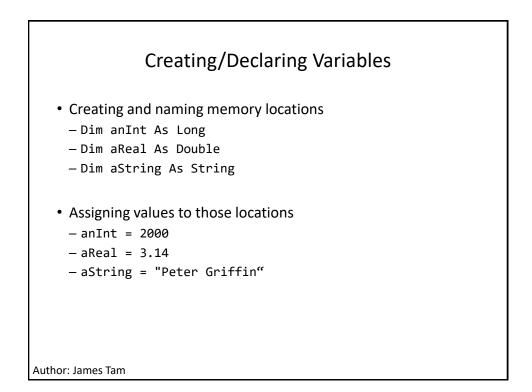


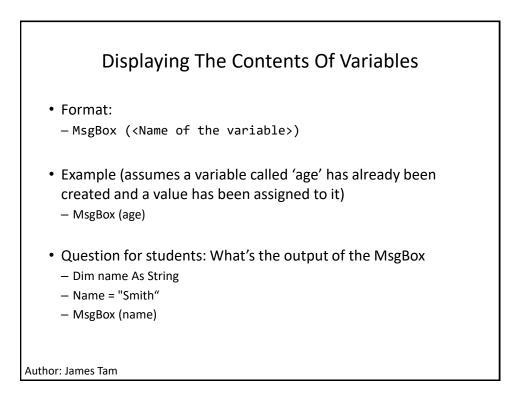


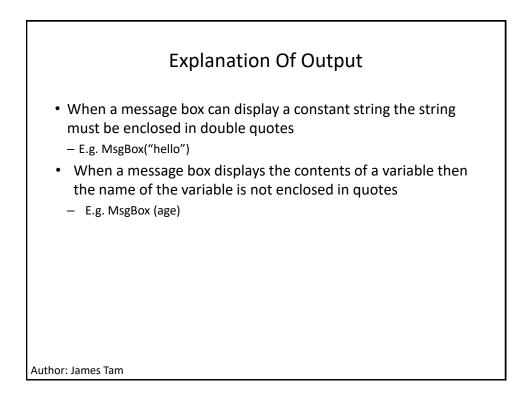


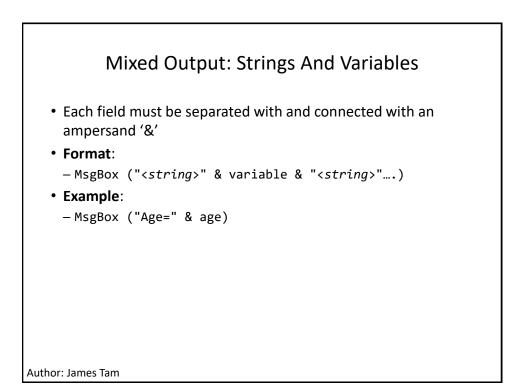


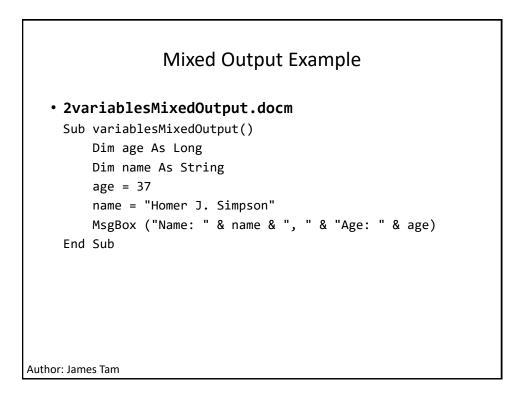
Variables
<ul> <li>A location in memory used to store information temporarily.</li> <li>At most a variable can store a single piece of information.</li> </ul>
num = 1 num = 17
Author: James Tam

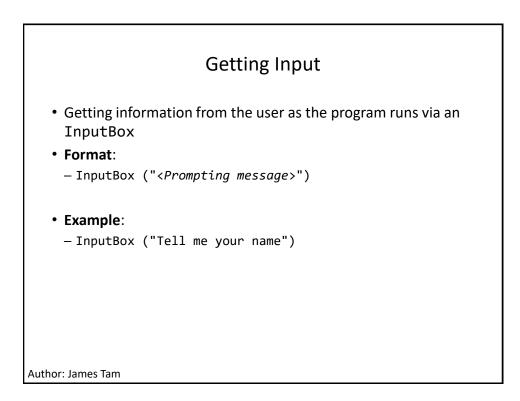


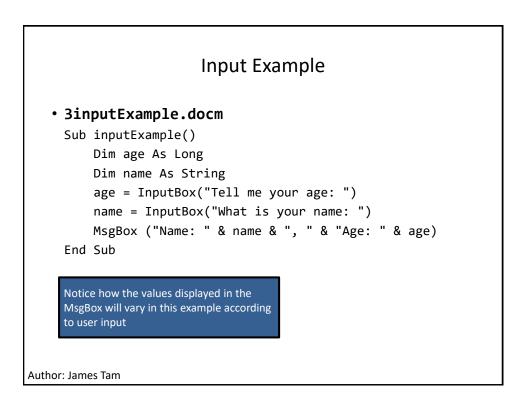


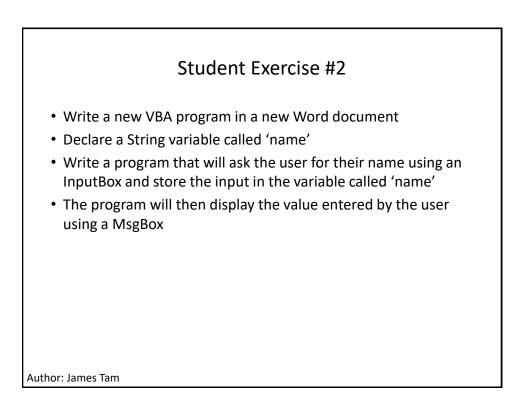




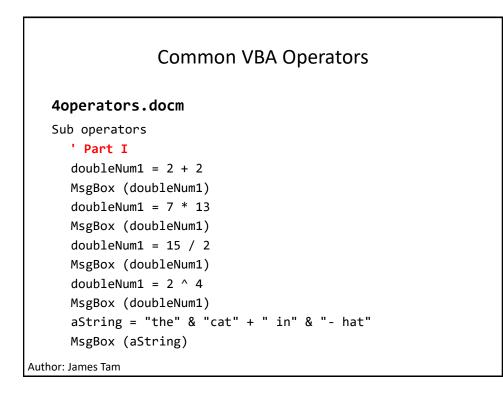


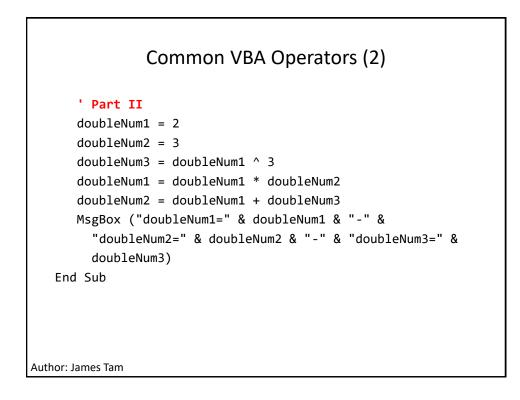


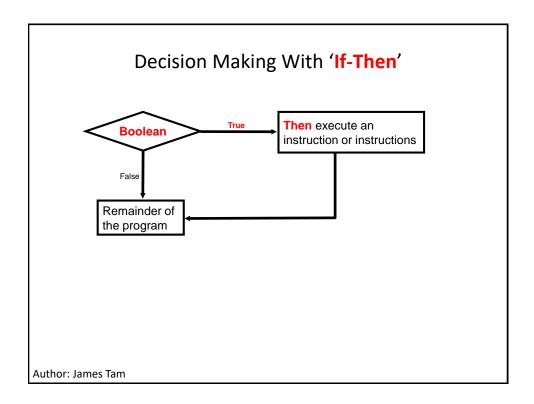


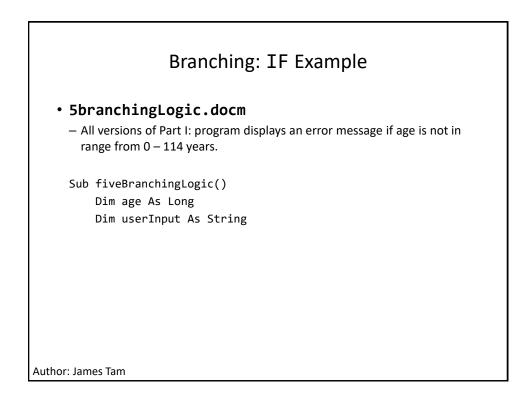


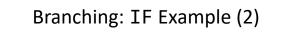
Operation	Symbol used in VBA	Example
(Same as Excel)		
Addition	+	2+2
Subtraction	-	3 – 2
Multiplication	*	10 * 10
Division	1	81 / 9
Exponent	٨	2 ^ 3
(Different operator)		
Concatenation	&	"hi" & "there"





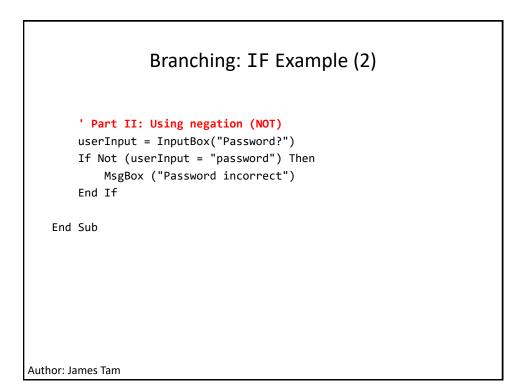


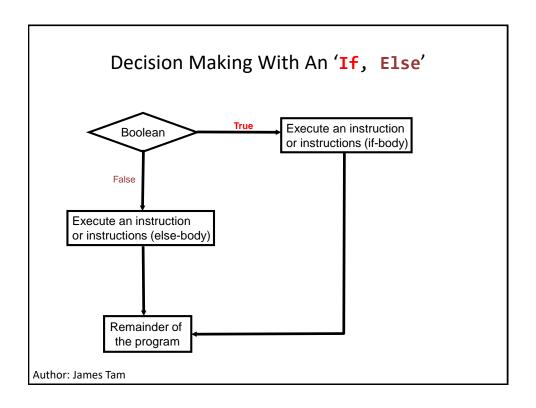


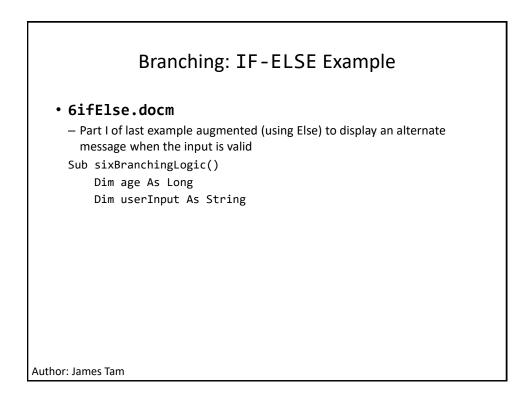


```
' Part I:
age = InputBox("Age (0 - 114)?")
If ((age < 0) Or (age > 114)) Then
        MsgBox ("Age is outside allowable range of 0 - 114")
End If
If ((age >= 0) And (age <= 114)) Then
        MsgBox ("Age of " & age & " is OK")
End If
```

Author: James Tam

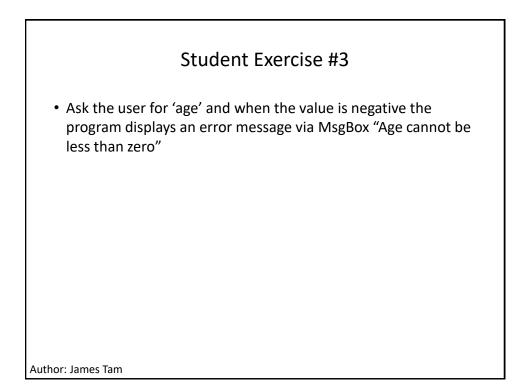


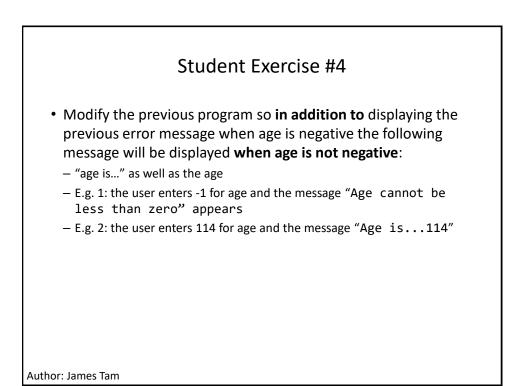


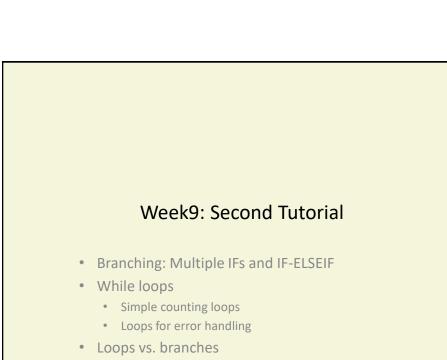


## Branching: IF - ELSE Example (2)

```
' Part I:
age = InputBox("Age (0 - 114)?")
If ((age < 0) Or (age > 114)) Then
        MsgBox ("Age is outside allowable range of 0 - 114")
Else
        MsgBox ("Age of " & age & " is OK")
End If
If ((age >= 0) And (age <= 114)) Then
        MsgBox ("Age of " & age & " is OK")
Else
        MsgBox ("Age is outside allowable range of 0 - 114")
End If
```







Nesting

