

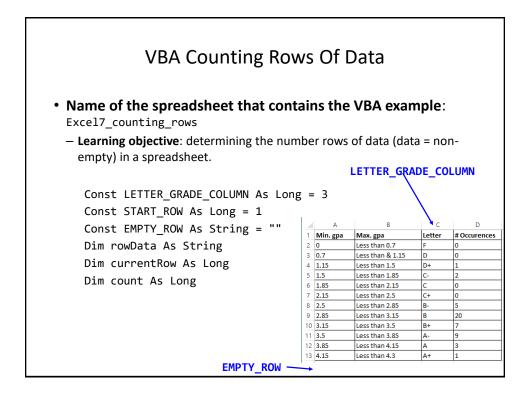
VBA Example: Inserting Variable Chart Data (2)

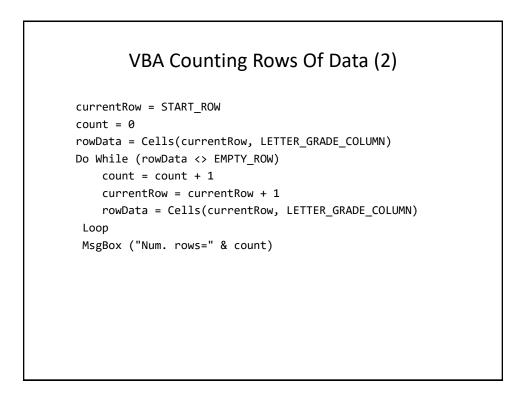
ActiveSheet.Shapes.AddChart2(201, xlLineMarkers).Select

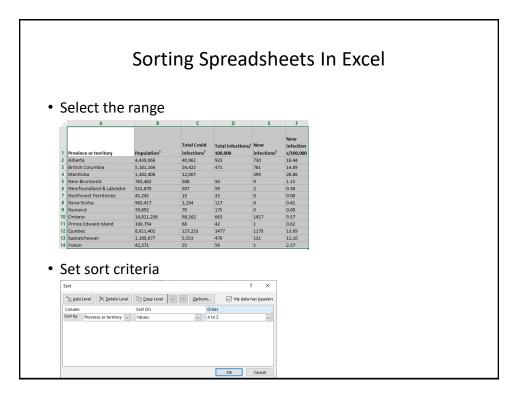
```
'Setting the user specified title
chartTitle = InputBox("Title for the chart: ")
ActiveChart.chartTitle.Select
ActiveChart.chartTitle.Text = chartTitle
```

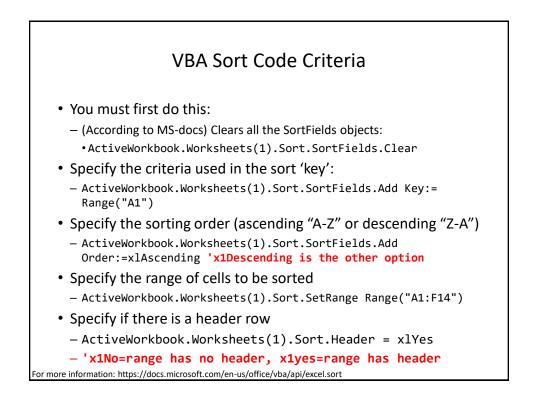
		-			
	А	В	С	D	
	Min. gpa	Max. gpa	Letter	# Occurences	Start count
2	0	Less than 0.7	F	0	Count -
;	0.7	Less than & 1.15	D	0	
Ļ	1.15	Less than 1.5	D+	1	
5	1.5	Less than 1.85	C-	2	
j	1.85	Less than 2.15	С	0	
7	2.15	Less than 2.5	C+	0	
3	2.5	Less than 2.85	B-	5	
)	2.85	Less than 3.15	В	20	
0	3.15	Less than 3.5	B+	7	
1	3.5	Less than 3.85	A-	9]
2	3.85	Less than 4.15	Α	3	
3	4.15	Less than 4.3	A+	1	1

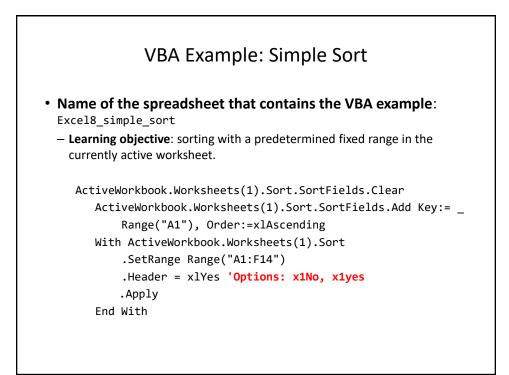
VBA programming: Part III

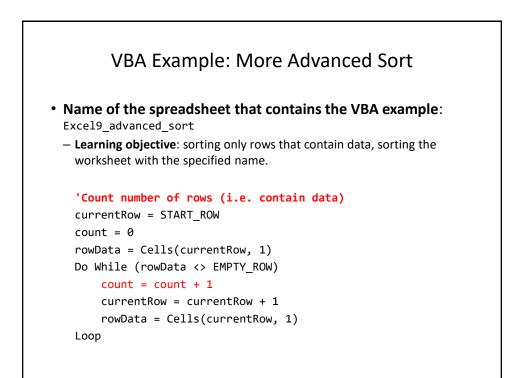


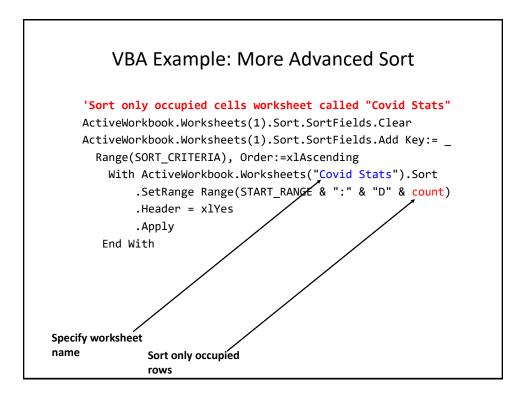


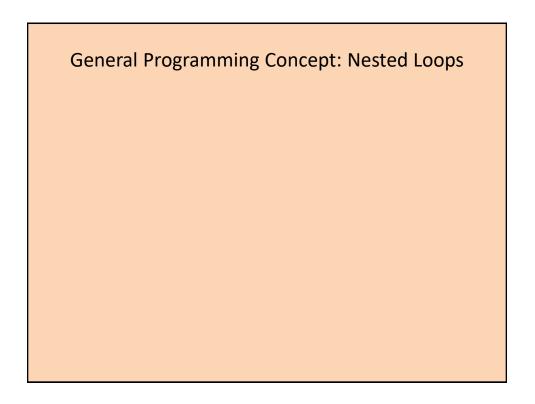


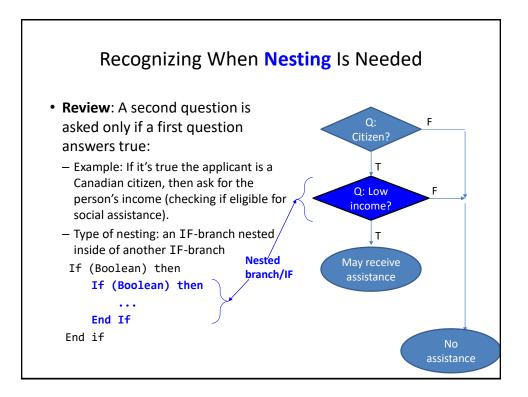


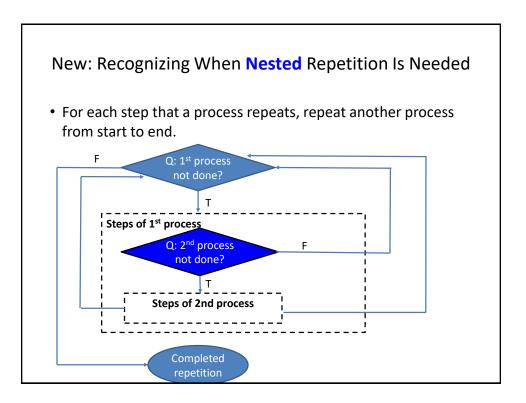






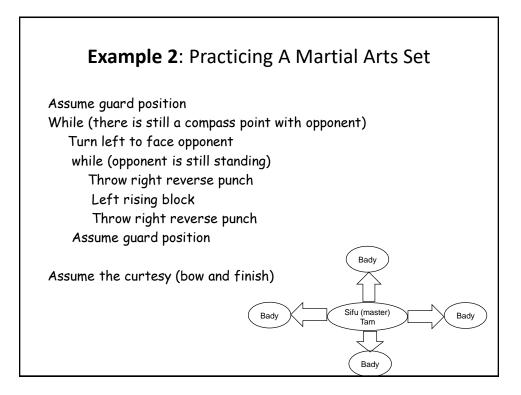




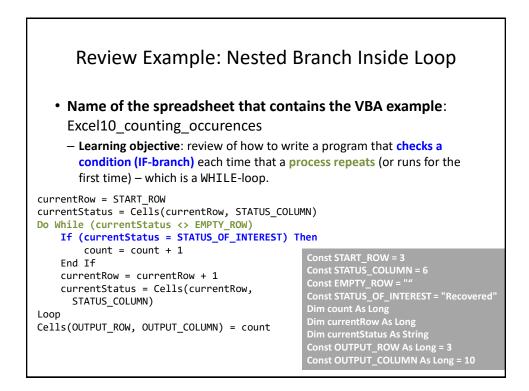


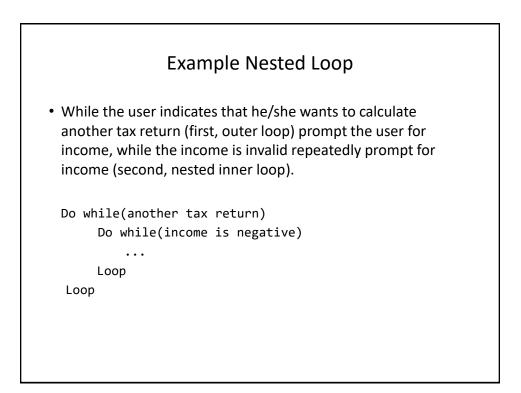
Example 1: Washing Dishes

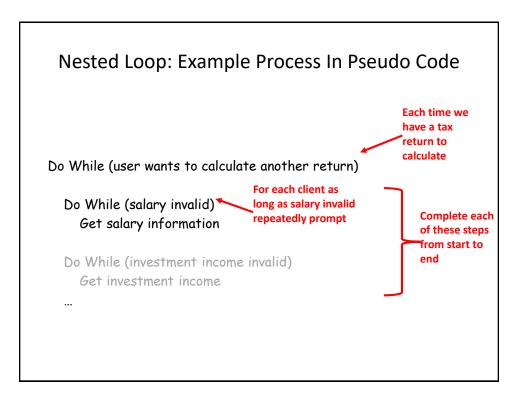
While (there are dishes left unwashed) Get a dirty dish Apply soap to dish while (dish is still dirty) Rub dish with wet cleaning tool If (more soap needed) Apply soap to dish

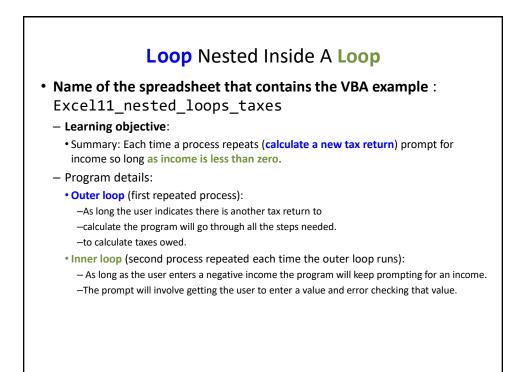


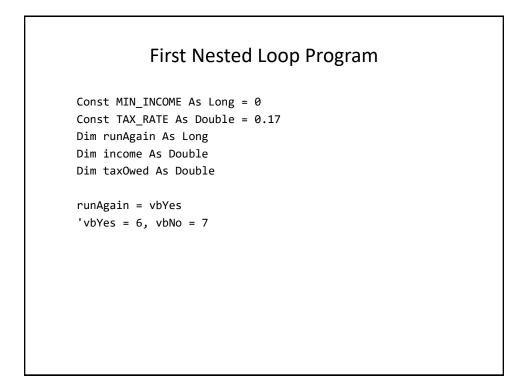
	A	В	с	D	E	F	G		
1		COVID-19 in Alberta							
2		Date reported	Alberta Health Services Zone	Gender	Age group	Case status	Case type		
3	1	2020-03-06	Calgary Zone	Female	50-59 years	Recovered	Confirmed		
4	2	2020-03-09	Edmonton Zone	Male	60-69 years	Recovered	Confirmed		
5	3	2020-03-09	Edmonton Zone	Female	70-79 years	Recovered	Confirmed		
6	4	2020-03-09	Edmonton Zone	Male	40-49 years	Active	Confirmed		
7	5	2020-03-09	Calgary Zone	Female	50-59 years	Recovered	Confirmed		
8	6	2020-03-09	Calgary Zone	Female	30-39 years	Recovered	Confirmed		
9	7	2020-03-09	Calgary Zone	Male	30-39 years	Recovered	Confirmed		
10	8	2020-03-10	Calgary Zone	Female	30-39 years	Recovered	Confirmed		
11	9	2020-03-10	Edmonton Zone	Male	70-79 years	Recovered	Confirmed		
12	10	2020-03-10	Calgary Zone	Female	40-49 years	Recovered	Confirmed		
13	11	2020-03-10	Calgary Zone	Male	20-29 years	Recovered	Confirmed		
14	12	2020-03-10	Calgary Zone	Male	50-59 years	Recovered	Confirmed		
15	13	2020-03-10	Edmonton Zone	Female	60-69 years	Recovered	Confirmed		
16	14	2020-03-10	Edmonton Zone	Female	20-29 years	Recovered	Confirmed		
17	15	2020-03-10	Calgary Zone	Female	30-39 years	Recovered	Confirmed		
18	16	2020-03-10	Calgary Zone	Female	30-39 years	Recovered	Confirmed		
19			1						
20									





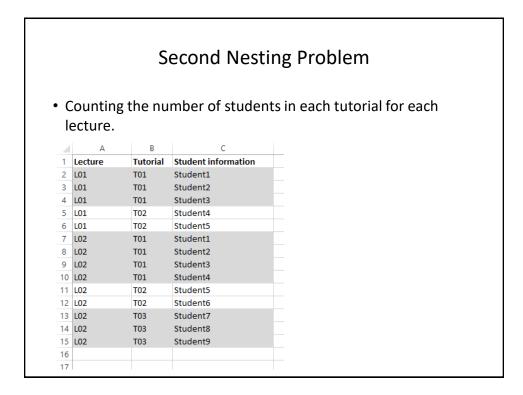


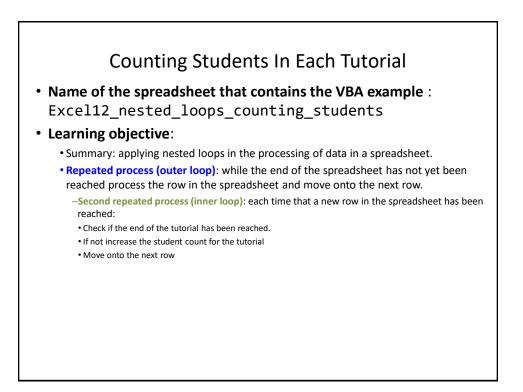


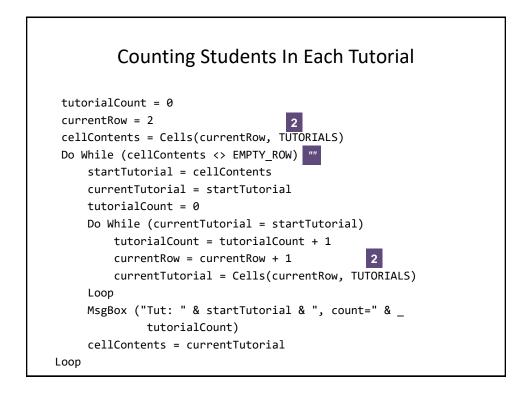


First Nested Loop Program (2): Loop Inside An Outer Loop

```
Do While (runAgain = vbYes)
income = InputBox("Income $")
Do While (income < MIN_INCOME)
If (income < MIN_INCOME) Then
            MsgBox ("Income cannot be less than $" & MIN_INCOME)
End If
            income = InputBox("Income $")
Loop
taxOwed = income * TAX_RATE
MsgBox ("Taxes owed $" & taxOwed)
runAgain = MsgBox("Calculate another tax return?", vbYesNo)
Loop
Loop</pre>
```







Visualizing Information In Excel

