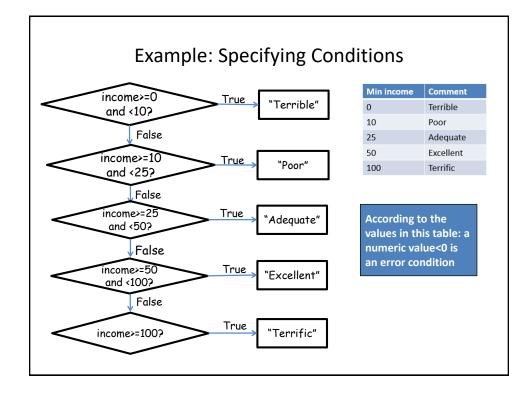
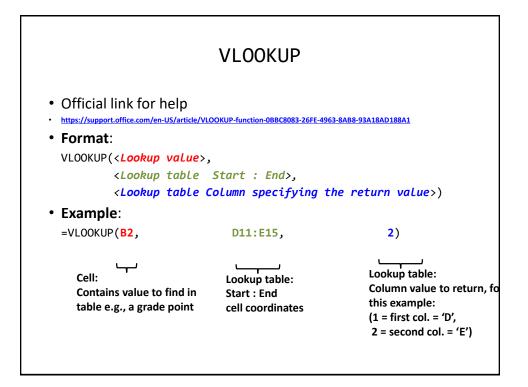
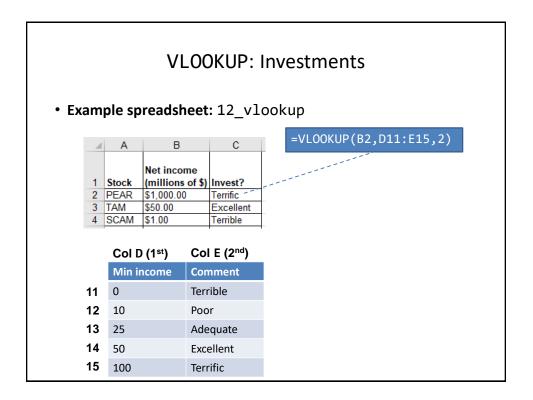
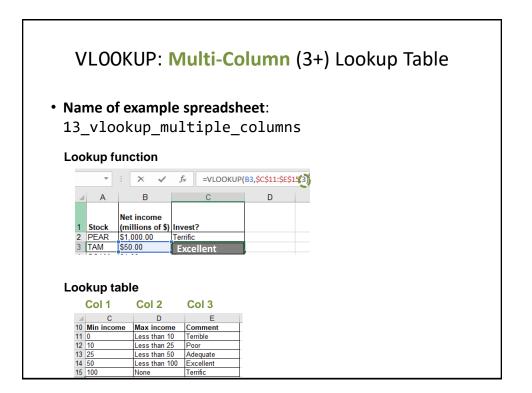


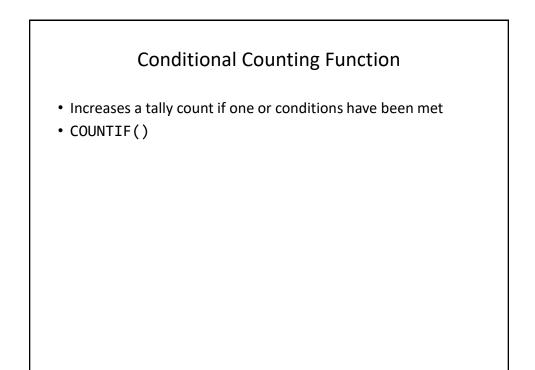
Lookup Tables					
<ul> <li>Lookup functions require a 'lookup table' that specifies the ranges.</li> <li>Example: for your given grade in a course, a lookup table specifies the various cutoffs for the different letter grades.</li> <li>Similar to a lookup table containing constants but these examples are for a range of values (there are strict requirements in the format) rather than a single value.</li> <li>Important format requirements for the first column of the lookup table examples covered this term: <ul> <li>table values must be in ascending order,</li> <li>column values can only be numeric.</li> </ul> </li> <li>In the example the data in cells D11 – D15 follow these requirements.</li> </ul>					
DE10Min incomeComment110Terrible1210Poor1325Adequate1450Excellent14100Terrific					

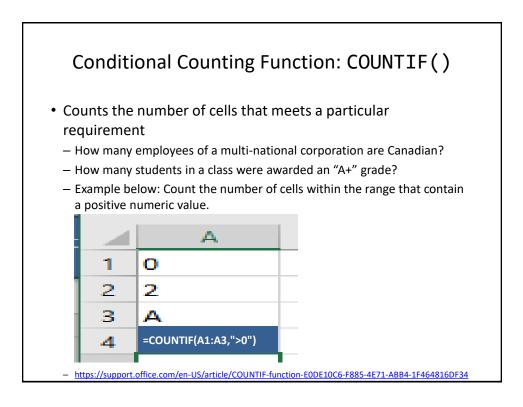


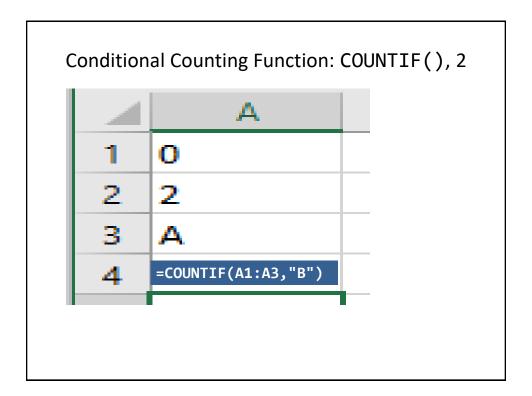


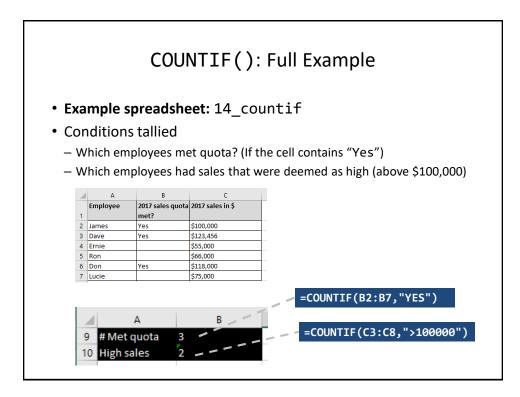


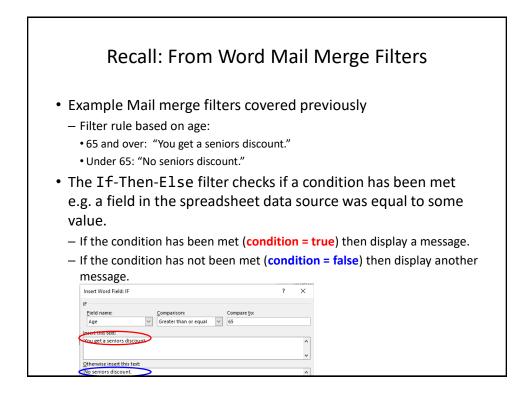


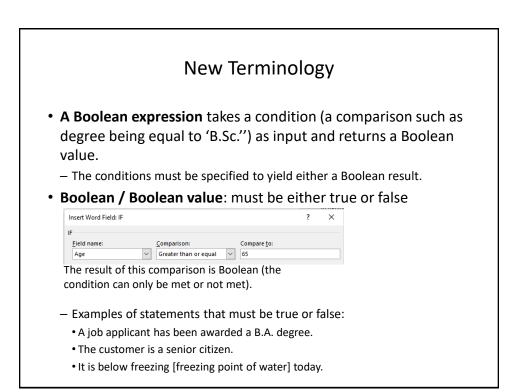


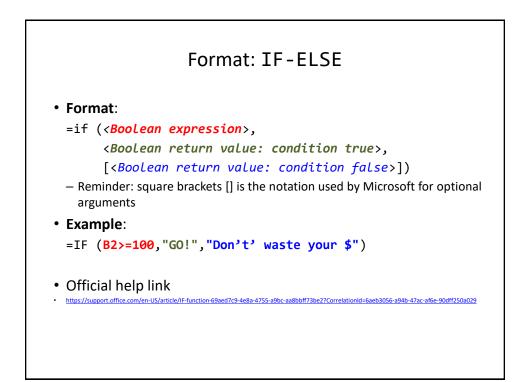


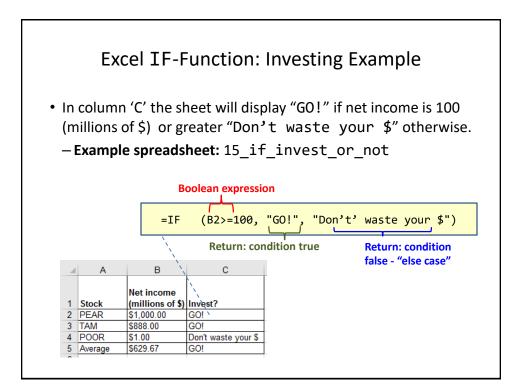






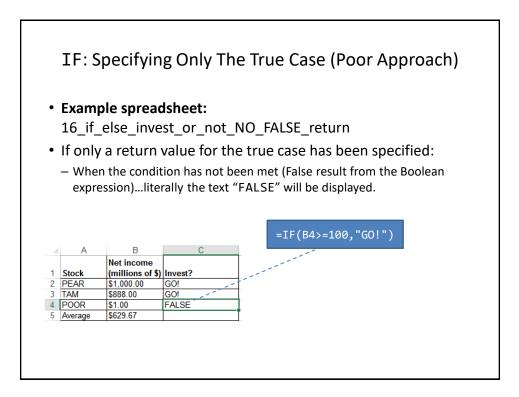


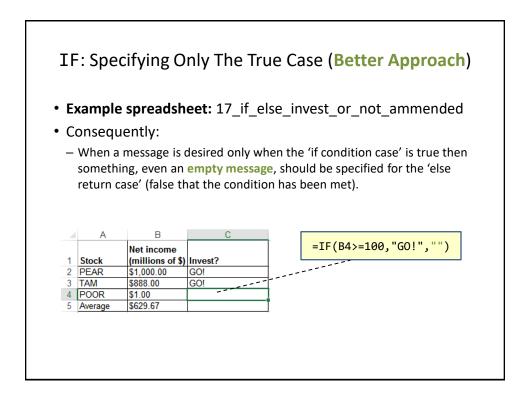


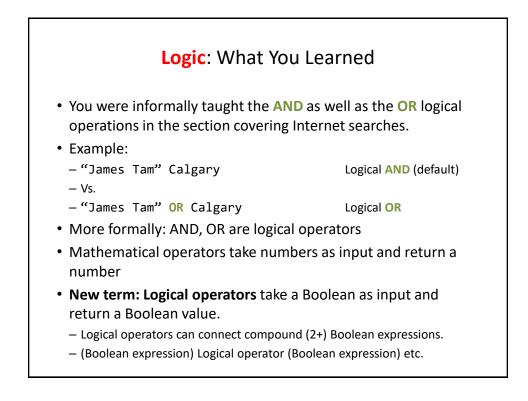


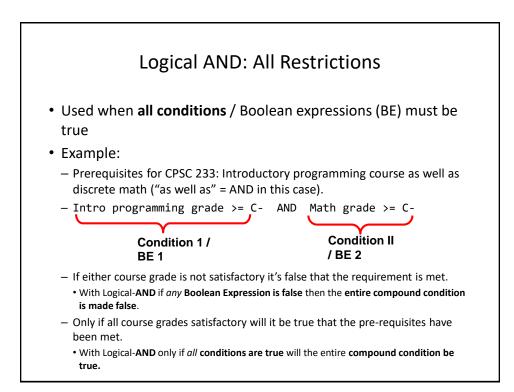
Mathematical representation	Excel representation	Meaning
<	<	Less than
>	>	Greater than
=	=	Equal to
≤	<=	Less than, equal to
2	>=	Greater than, equal to
¥	<>	Not equal to

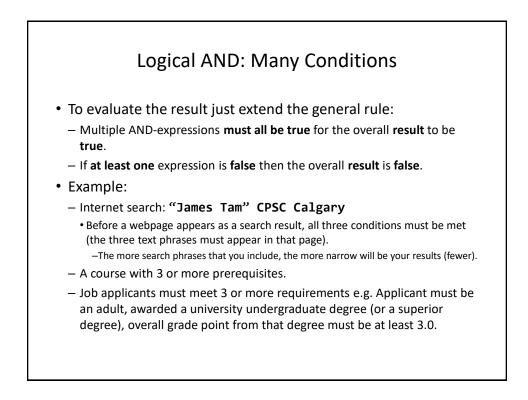
Type of return value	Example return value	Example use
Text	"GO"	=IF (B2>=100,"GO!", "No go")
Numeric	4, 4.0	=IF (C3="A+",4.3, -1)
Cell reference	A2, A3	=IF(A1>0,A2,A3)
Boolean	True, False	=IF(1>2,True,False)

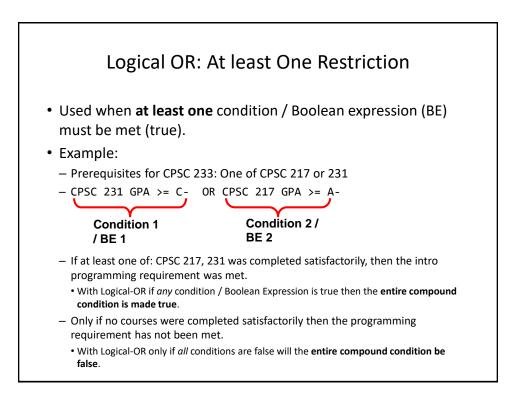


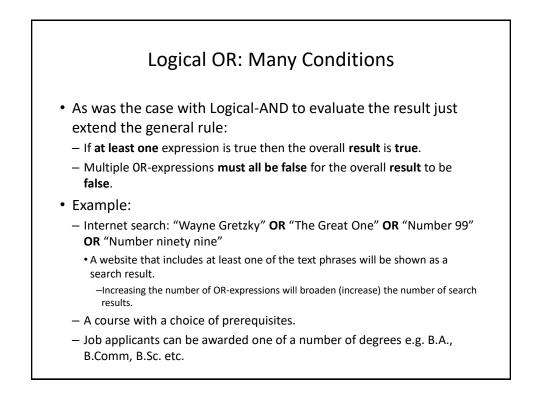


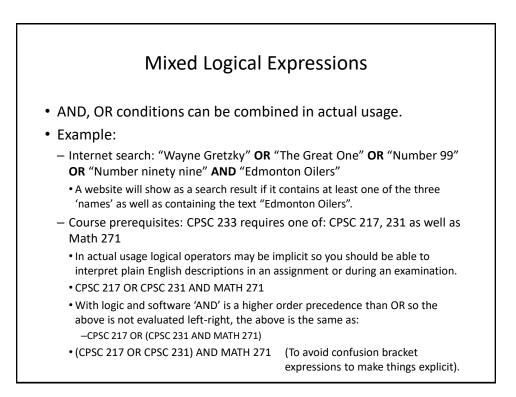


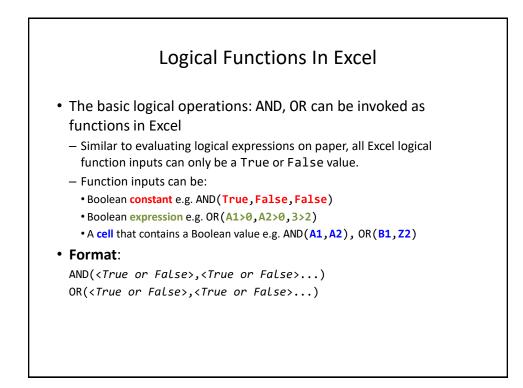






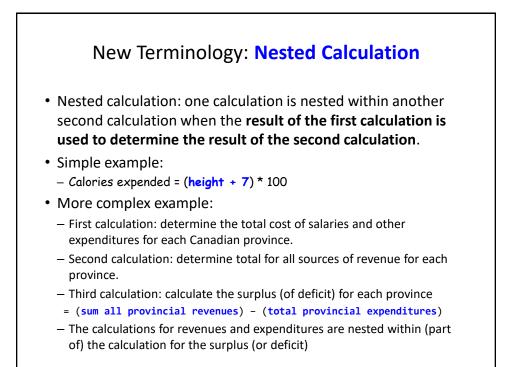


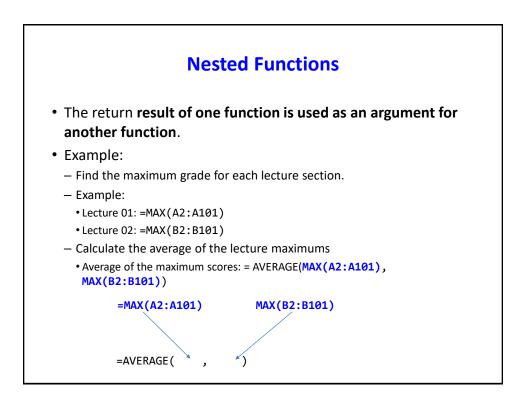


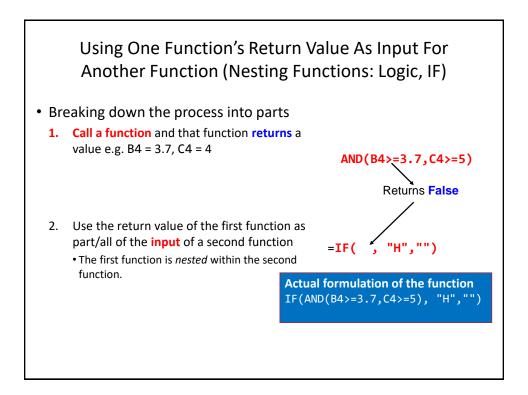


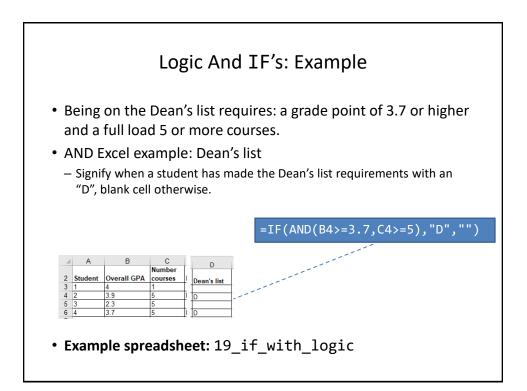
## Types Of Inputs: Logic Functions

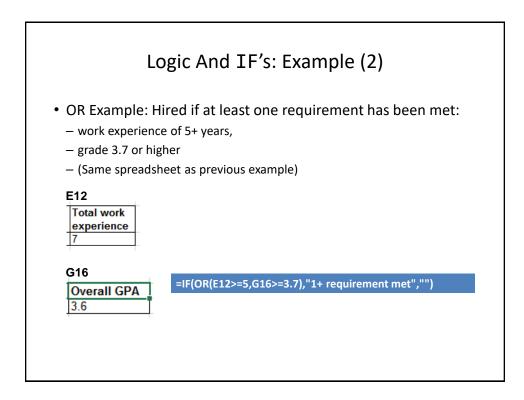
 Examples (spreadsheet name: 18\_logic) AND(C1>=45,D1="John Smith") OR(C1>=0,D2>=0)

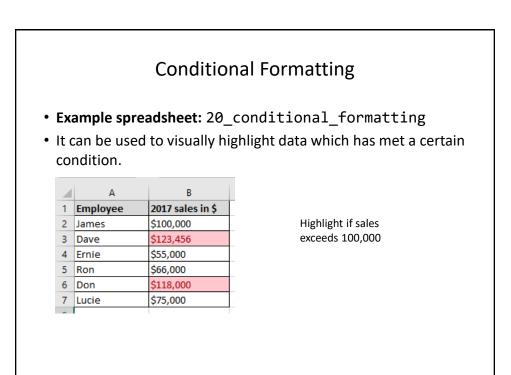


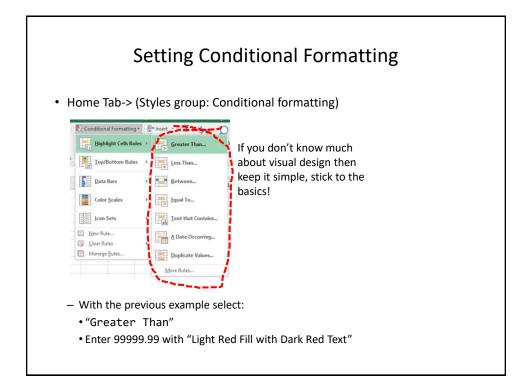


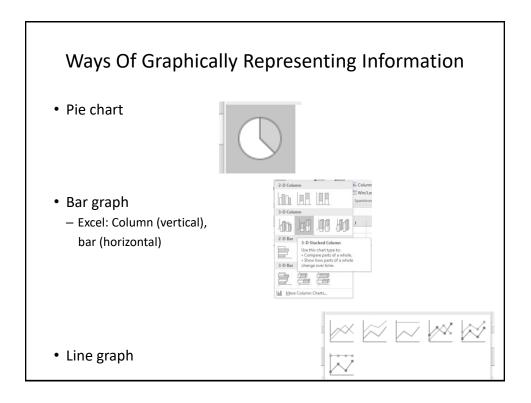


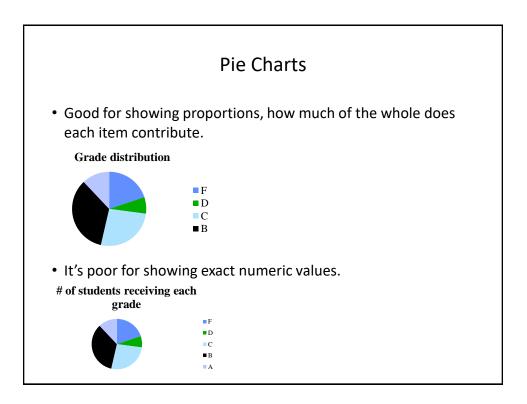


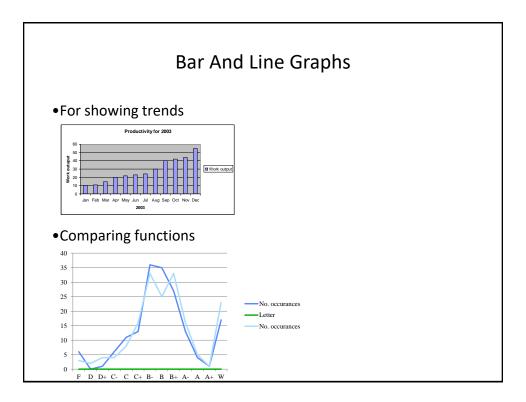


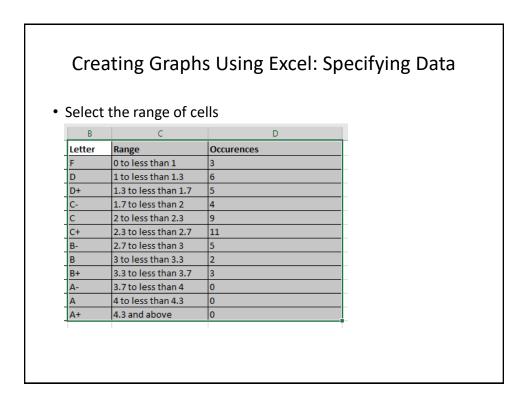


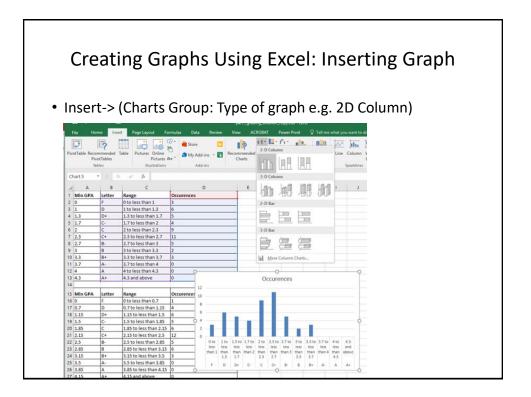


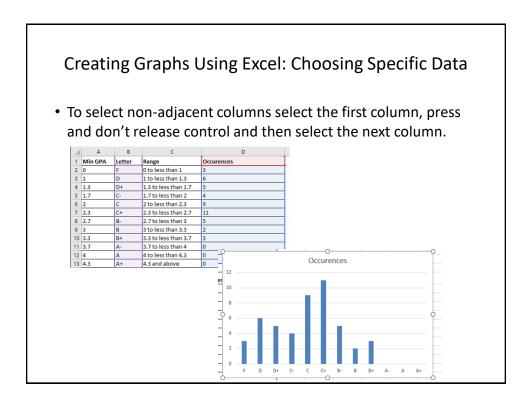


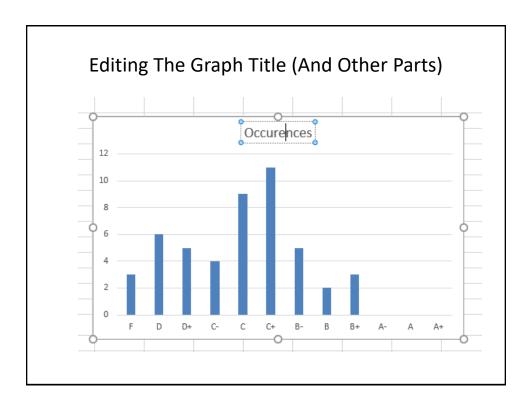


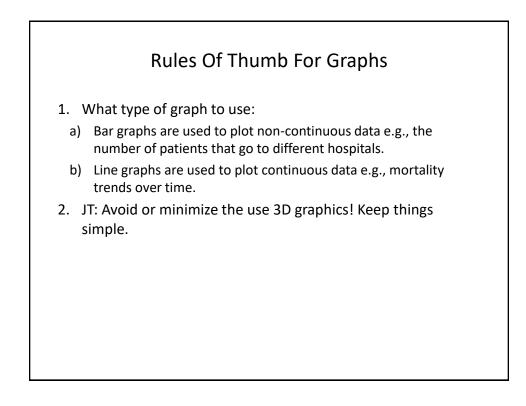


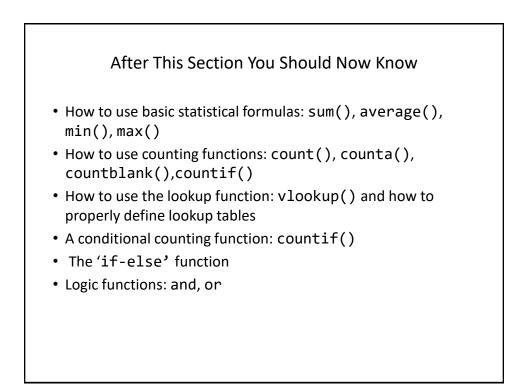


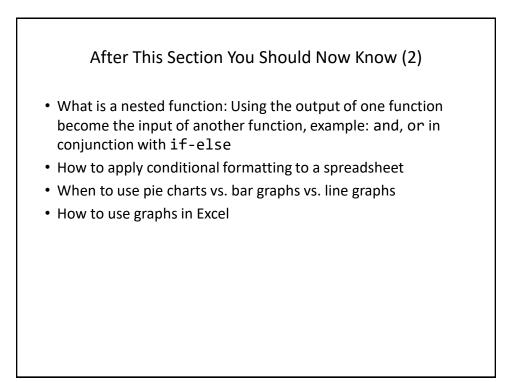












## Images

• "Unless otherwise indicated, all images were produced by James Tam