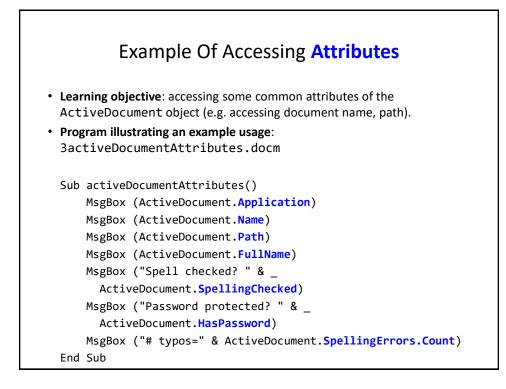


- Application: the application/program associated with the document (useful if a VBA macro is linking several applications):details on next slide
- Content: the data (text) of the currently active document (needed if you want to perform a text search 'Find' in a VBA program):details later in these notes
- Name: the (file) name of the current document (useful for determining the active document if multiple documents are currently open): next slide
- Path: the save location of the active document e.g. C:\Temp\ :details on next slide
- FullName: the name and save location of the current document :details on next slide
- HasPassword: true/false that document is password protected: details on next slide
- SpellingChecked: true/false document has been spell checked since document was last edited: :next slide
- SpellingErrors.Count: the number of typographical errors

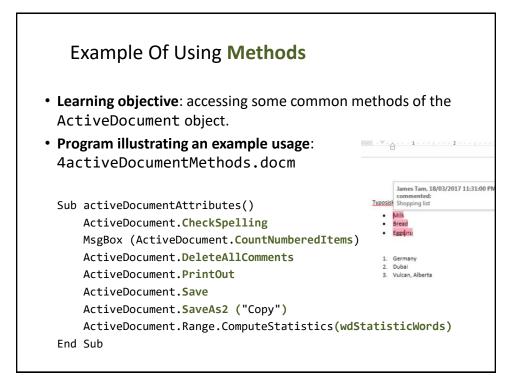
Note: Information for these attributes/properties can be viewed by passing the information as a parameter to a message box **Format**: MsgBox (ActiveDocument.<*Attribute Name*>)

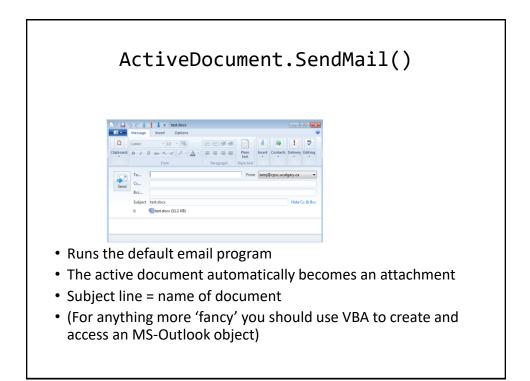
Example: MsgBox (ActiveDocument.SpellingErrors.Count)

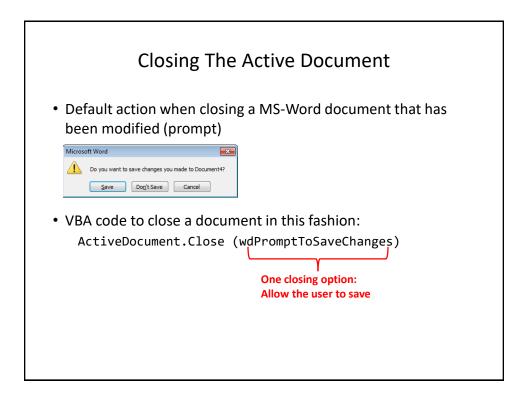


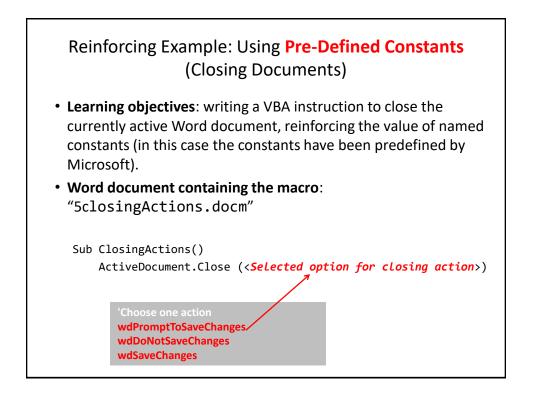
### Some Methods Of The ActiveDocument Object

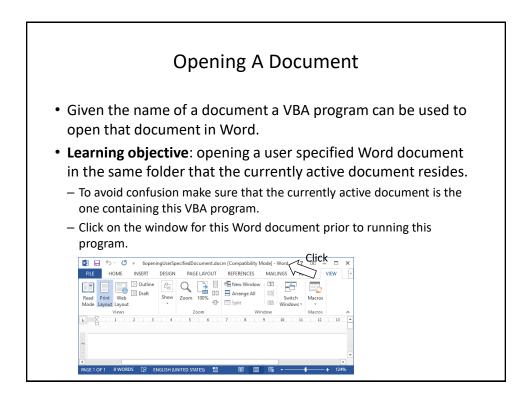
- Checkspelling(): exactly as it sounds: next slide
- **Close()**: closes the active document (different options available)
- CountNumberedItems(): number of bulleted and numbered elements: next slide
- DeleteAllComments(): removes comments from the current document: next slide
- Printout(): prints current active document on the default printer : next slide
- Save(): saves the current document under the same name: next slide
- SaveAs2(): saves the current document under a different name: : next slide
- Select(): select all text in the active document
- SendMail(): sends an email using MS-Outlook, the currently active document becomes a file attachment
- ComputeStatistics(wdStatisticWords): counts the number of words in a document.

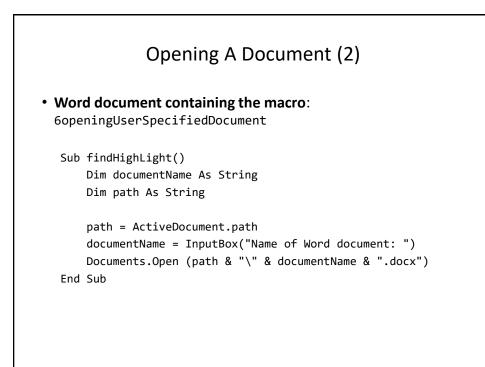


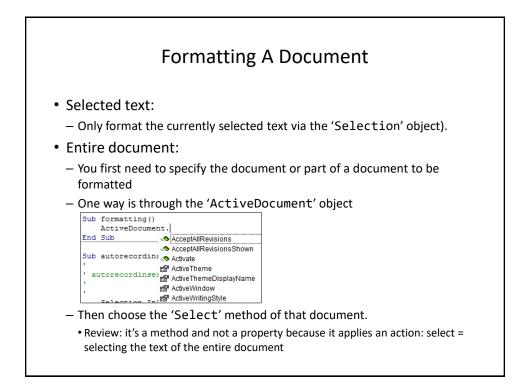


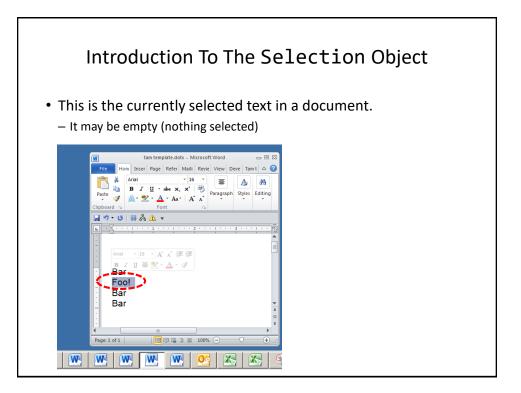


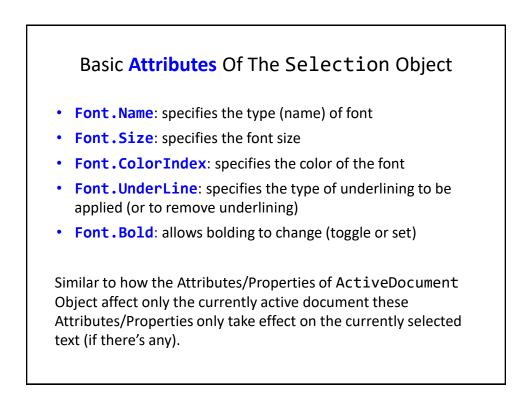


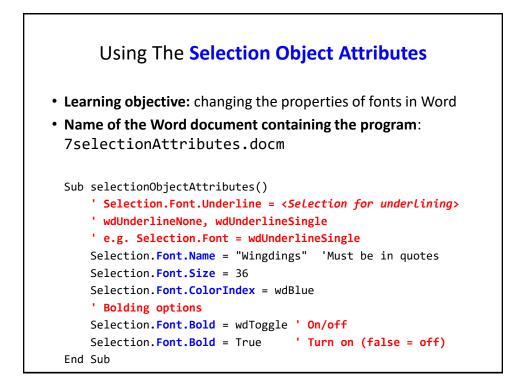


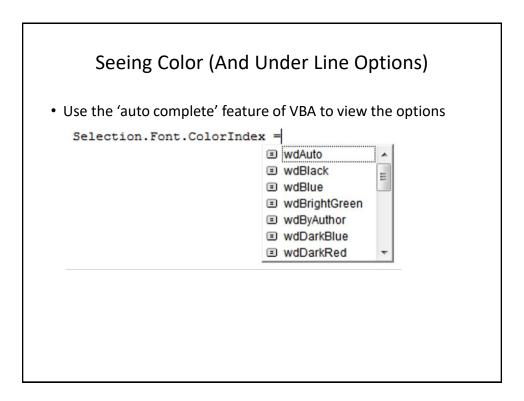


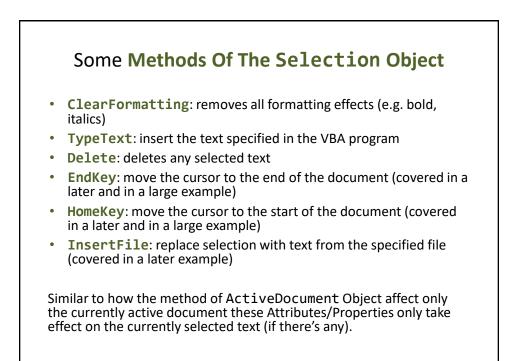


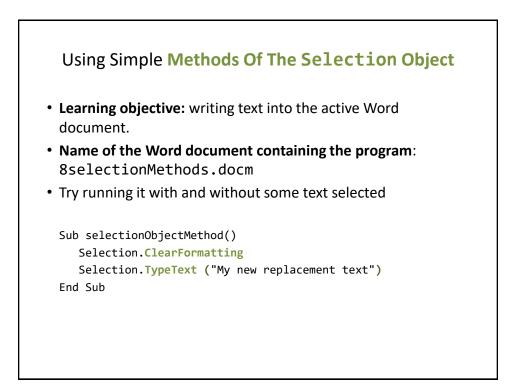






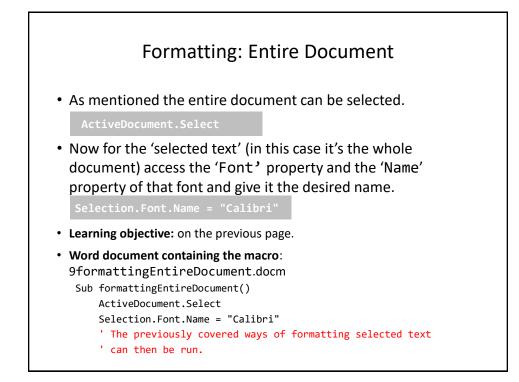


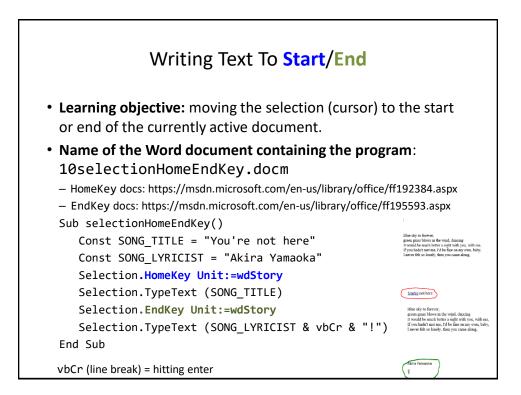


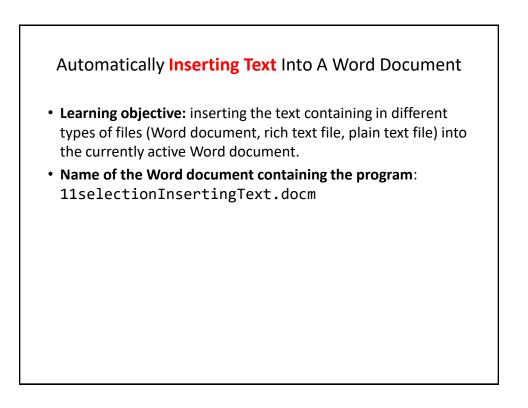


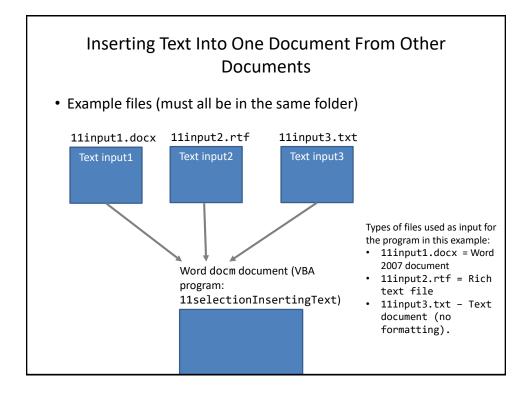
# Formatting Text (Entire Active Document): An Example

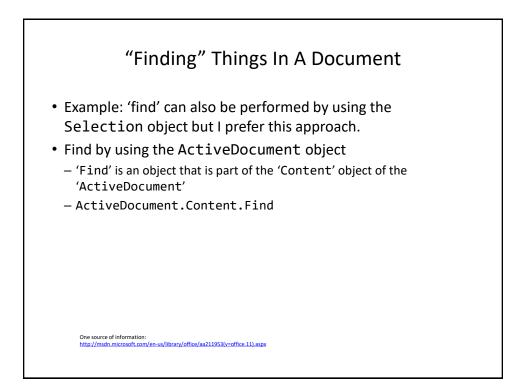
- Objective:
  - Suppose you want to format a document in the following way
  - Entire document
    - Font = Calibri

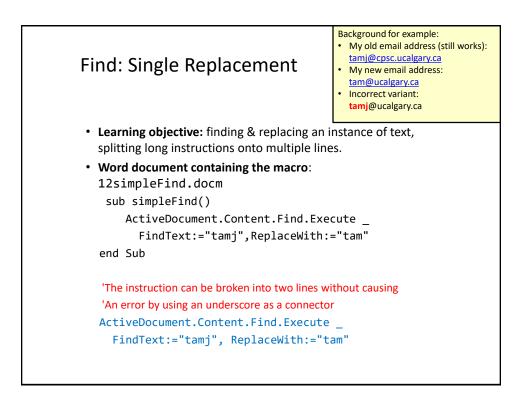


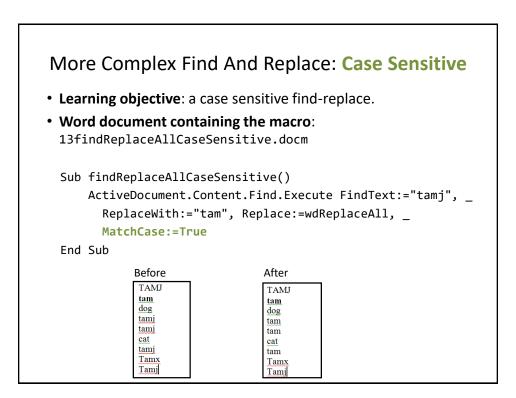


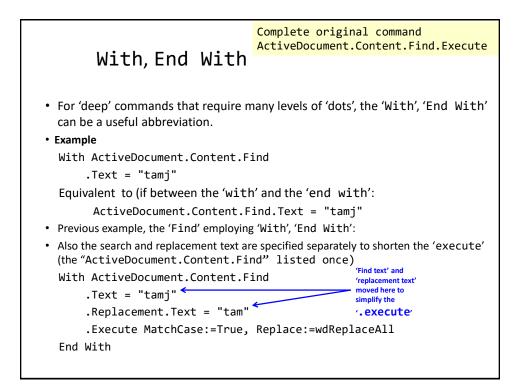


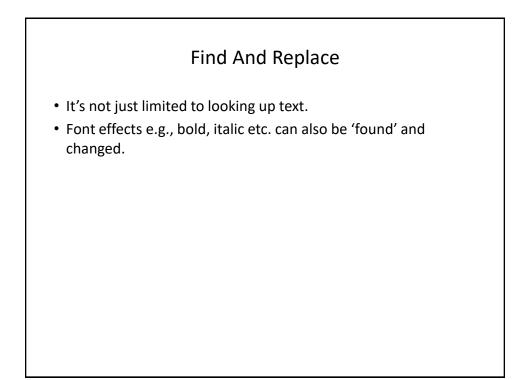


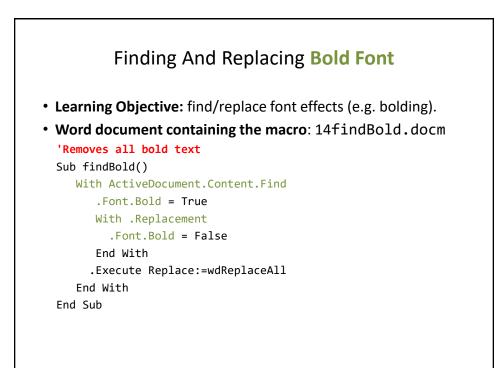


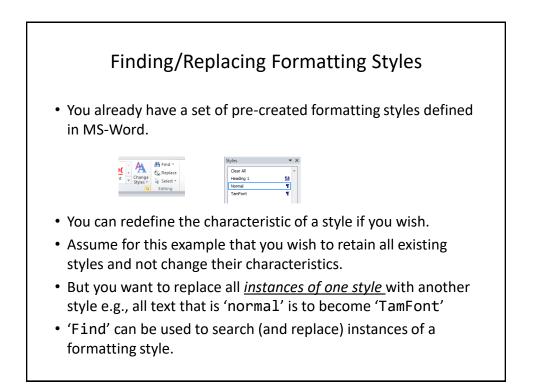


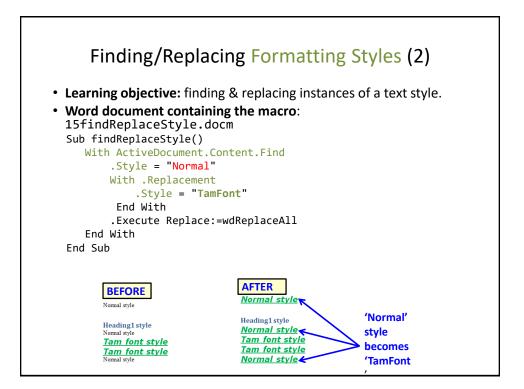


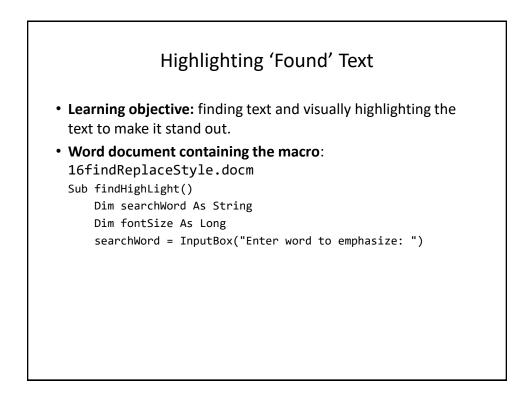


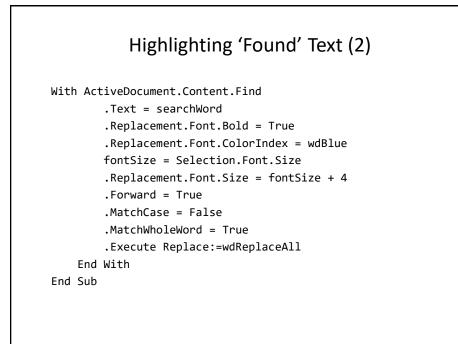


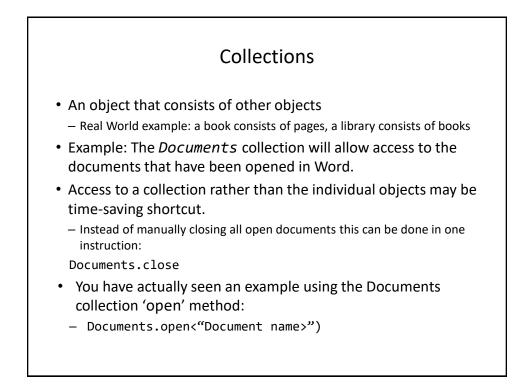


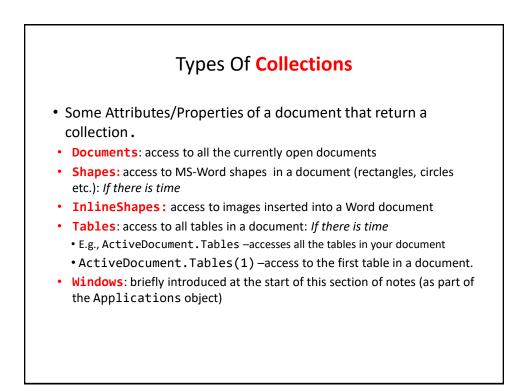


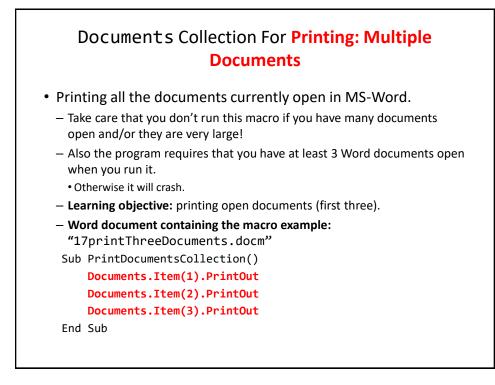


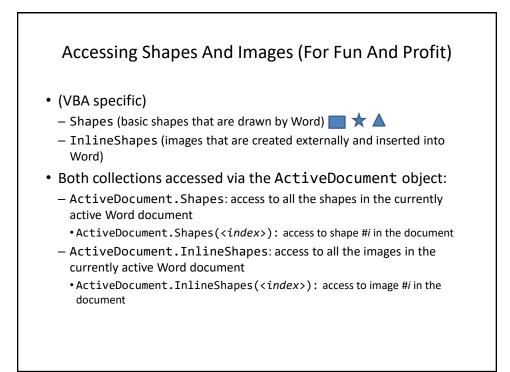


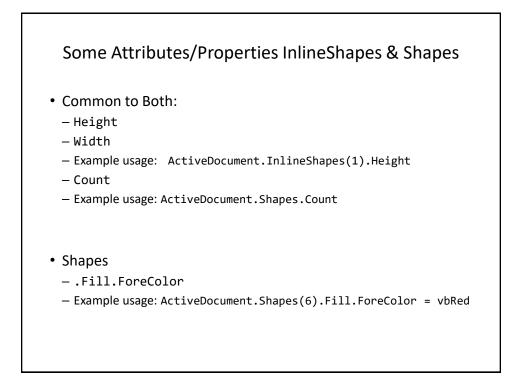


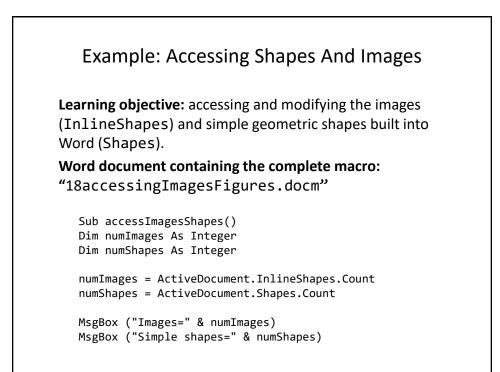


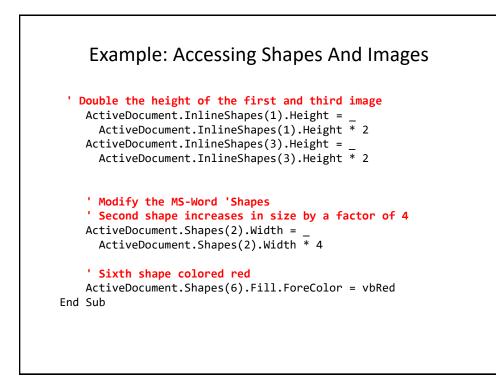


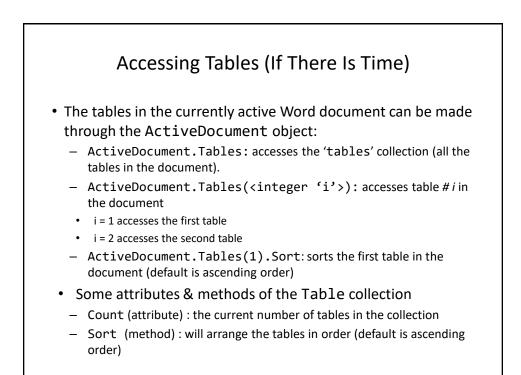




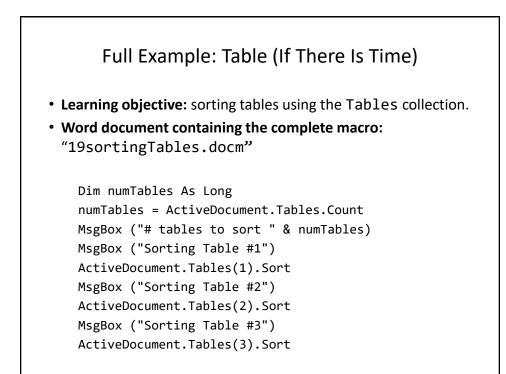








Simple Exar	ple: Sorting Three Tables (If There I Time)	S
	ded for sorting 3 tables Tables(1).Sort	
	.Tables(2).Sort	
	.Tables(3).Sort	
Before Kirk, James Tam Tam, James Sheen, Charlie Bond, James	After Bond, James Kirk, James Tam Sheen, Charlie Tam, James	
Kirk, James Tam Tam, James Sheen, Charlie Bond, James	Bond, James Kirk, James Tam Sheen, Charlie Tam, James	
Kirk, James Tam Tam, James Sheen, Charlie Bond, James	Bond, James Kirk, James Tam Sheen, Charlie Tam, James	
Kirk, James Tam Tam, James Sheen, Charlie Bond, James	Kirk, James Tam Tam, James Sheen, Charlie Bond, James	



Result.	Sorting Tables (If The	ere is fille)
Before		
A		
В		
с		
Z		
В		
a		
Morris Heather	Heroine	
Adama, Lee	CAG	
	CAG Commander	
Adama. Bill After A B		
Adama, Bill After A B		
Adama, Bill After A B c a		
Adama. Bill After A B c a B		
Adama. Bill After A B c a B		
Adama, Bill After A B c a B Z	Commander	
Adama. Bill After A		

## After This Section You Should Now Know

- How to copy and run the pre-created lecture examples
- · How the VB editor identifies programming errors
- How to create and execute simple VBA macros
  - You should know that macros can be automatically recorded but specifics will be covered in tutorial
  - Manually entering programs into the VB editor yourself
- How to create/use a Message Box "MsgBox"
- · How to use basic mathematical operators in VB expressions
- How to create and use variables
- Naming conventions for variables

### After This Section You Should Now Know

- Objects
  - Properties/attributes vs. methods
- Using common properties/attributes and methods of the following objects
  - Application
  - ActiveDocument
  - Selection
- Collections
  - What are they
  - What is the advantage in using them
  - Common examples found in Word documents

# After This Section You Should Now Know (2) Using common collections in VBA Documents Shapes InLineShapes Tables Windows

