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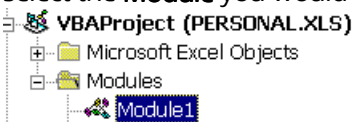
Question: Is there a way to convert a value into words?

	A	B
1	Value	Words
2	1000.99	One Thousand Rands and Ninety Nine Cents

Answer: Yes, insert the below Visual Basic coding into your worksheet Module and you will have a =SPELLNUMBER() function.

Process: Excel 2003

Insert the coding

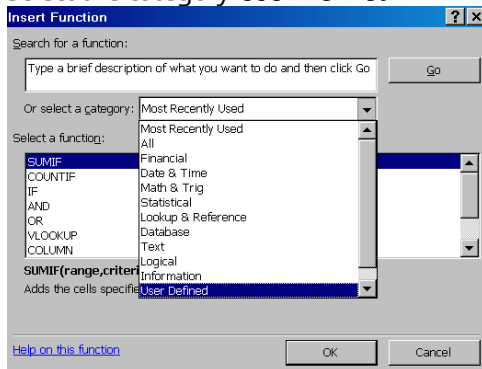
1. From the **Menu** bar, select **Tools, Macros, Visual Basic Editor**
 2. Select the **Module** you would like to insert the coding into
- 
- 3.
 4. On the **right** hand side **paste** the below coding
 5. From the **Menu** bar, select **File, Close** and **Return to Microsoft Excel**

Insert the Function

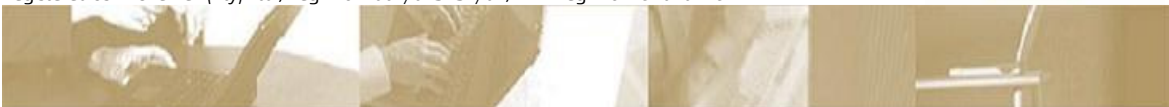
1. Select the **Insert Function** dialogue box



2. Select the category **User Defined**



3. Select **SpellNumber**
4. Select the cell that contains the value, select **OK**





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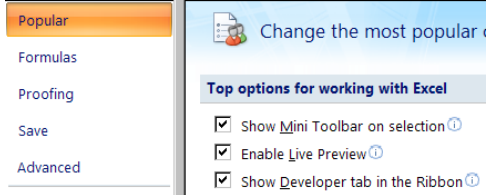
Process: Excel 2007

Activate the Developer tab

1. Select the **Office** button



2. Select **Excel Options**
3. Select **Show Developer tab in the Ribbon**



Insert the coding

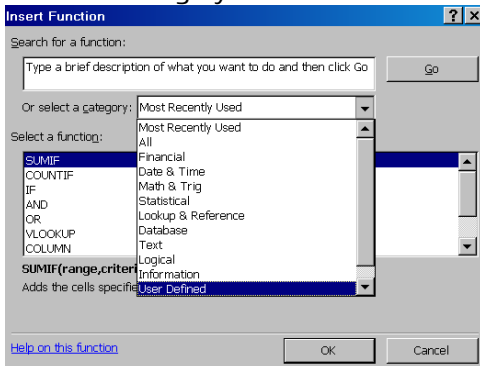
1. From the **Developer** tab in the **Code** group, select **Visual Basic**
2. Select the **Module** you would like to insert the coding into
 - VBAProject (PERSONAL.XLSB)
 - Microsoft Excel Objects
 - Modules
 - Module1
3. On the **right** hand side **paste** the below **coding**
4. From the **Menu** bar, select **File, Close and Return to Microsoft Excel**

Insert the Function

1. Select the **Insert Function** dialogue box



2. Select the category **User Defined**



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4. Select the cell that contains the value

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Coding:

Option Explicit

'Main Function

Function SpellNumber(ByVal MyNumber)

Dim Rands, Cents, Temp

Dim DecimalPlace, Count

ReDim Place(9) As String

Place(2) = " Thousand "

Place(3) = " Million "

Place(4) = " Billion "

Place(5) = " Trillion "

' String representation of amount.

MyNumber = Trim(Str(MyNumber))

' Position of decimal place 0 if none.

DecimalPlace = InStr(MyNumber, ".")

' Convert cents and set MyNumber to dollar amount.

If DecimalPlace > 0 Then

 Cents = GetTens(Left(Mid(MyNumber, DecimalPlace + 1) & _
 "00", 2))

 MyNumber = Trim(Left(MyNumber, DecimalPlace - 1))

End If

Count = 1

Do While MyNumber <> ""

 Temp = GetHundreds(Right(MyNumber, 3))

 If Temp <> "" Then Rands = Temp & Place(Count) & Rands

 If Len(MyNumber) > 3 Then

 MyNumber = Left(MyNumber, Len(MyNumber) - 3)

 Else

 MyNumber = ""

 End If

 Count = Count + 1

Loop

Select Case Rands

 Case ""

 Rands = "No Rands"

 Case "One"

 Rands = "One Dollar"

 Case Else

 Rands = Rands & " Rands"

End Select

Select Case Cents

 Case ""

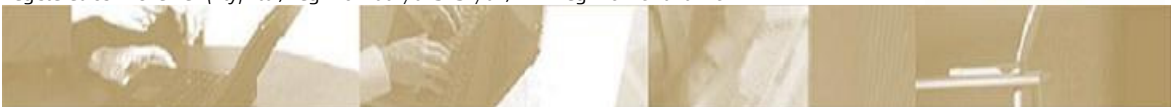
 Cents = " and No Cents"

 Case "One"

 Cents = " and One Cent"

 Case Else

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Cents = " and " & Cents & " Cents"

End Select

SpellNumber = Rands & Cents

End Function

' Converts a number from 100-999 into text

Function GetHundreds(ByVal MyNumber)

Dim Result As String

If Val(MyNumber) = 0 Then Exit Function

MyNumber = Right("000" & MyNumber, 3)

' Convert the hundreds place.

If Mid(MyNumber, 1, 1) <> "0" Then

Result = GetDigit(Mid(MyNumber, 1, 1)) & " Hundred "

End If

' Convert the tens and ones place.

If Mid(MyNumber, 2, 1) <> "0" Then

Result = Result & GetTens(Mid(MyNumber, 2))

Else

Result = Result & GetDigit(Mid(MyNumber, 3))

End If

GetHundreds = Result

End Function

' Converts a number from 10 to 99 into text.

Function GetTens(TensText)

Dim Result As String

Result = "" ' Null out the temporary function value.

If Val(Left(TensText, 1)) = 1 Then ' If value between 10-19...

Select Case Val(TensText)

Case 10: Result = "Ten"

Case 11: Result = "Eleven"

Case 12: Result = "Twelve"

Case 13: Result = "Thirteen"

Case 14: Result = "Fourteen"

Case 15: Result = "Fifteen"

Case 16: Result = "Sixteen"

Case 17: Result = "Seventeen"

Case 18: Result = "Eighteen"

Case 19: Result = "Nineteen"

Case Else

End Select

Else ' If value between 20-99...

Select Case Val(Left(TensText, 1))

Case 2: Result = "Twenty "

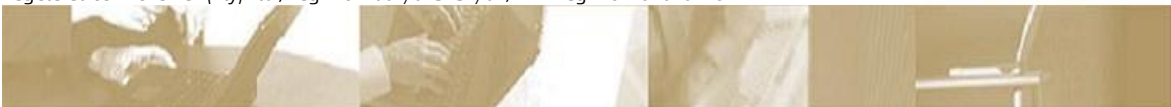
Case 3: Result = "Thirty "

Case 4: Result = "Forty "

Case 5: Result = "Fifty "

Case 6: Result = "Sixty "

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Case 7: Result = "Seventy "

Case 8: Result = "Eighty "

Case 9: Result = "Ninety "

Case Else

End Select

Result = Result & GetDigit _

(Right(TensText, 1)) ' Retrieve ones place.

End If

GetTens = Result

End Function

' Converts a number from 1 to 9 into text.

Function GetDigit(Digit)

Select Case Val(Digit)

Case 1: GetDigit = "One"

Case 2: GetDigit = "Two"

Case 3: GetDigit = "Three"

Case 4: GetDigit = "Four"

Case 5: GetDigit = "Five"

Case 6: GetDigit = "Six"

Case 7: GetDigit = "Seven"

Case 8: GetDigit = "Eight"

Case 9: GetDigit = "Nine"

Case Else: GetDigit = ""

End Select

End Function

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