Attribute VB\_Name = "Module1"

'Attribute VB\_Name = "Module2"

' \*\*\*\* Author : Abdulla Al Mamun

' \*\*\*\* Tittle : Converting Currency(Bengali System) to Words

' \*\*\*\* Copyright Owner : Mamun Academy

' \*\*\*\* Description : This utility converts currencies in Bengali numbering system to words.

' \*\*\*\* Limitations : Converts only upto 10,00,00,000( Ten Crores)

Function ConvertCurrencyToBangla(ByVal MyNumber)

Dim Temp

Dim Rupees, Paise

Dim DecimalPlace, Count

ReDim Place(9) As String

Place(2) = “হাজার”

Place(3) = “লক্ষ”

Place(4) = “কোটি”

' Place(5) = " Hundred Core "

' Convert MyNumber to a string, trimming extra spaces.

MyNumber = Trim(Str(MyNumber))

' Find decimal place.

DecimalPlace = InStr(MyNumber, ".")

' If we find decimal place...

If DecimalPlace > 0 Then

' Convert Paise

Temp = Left(Mid(MyNumber, DecimalPlace + 1) & "00", 2)

Paise = ConvertTens(Temp)

' Strip off Paise from remainder to convert.

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

End If

Count = 1

Do While MyNumber <> ""

If Count = 1 Then

Temp = ConvertHundreds(Right(MyNumber, 3))

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

If Len(MyNumber) > 3 Then

' Remove last 3 converted digits from MyNumber.

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

Else

MyNumber = ""

End If

Count = Count + 1

Else

' Convert last 3 digits of MyNumber to Bangla Rupees.

If Len(MyNumber) = 1 Then

Temp = ConvertDigit(MyNumber)

Else

Temp = ConvertTens(Right(MyNumber, 2))

End If

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

If Len(MyNumber) >= 3 Then

' Remove last 3 converted digits from MyNumber.

MyNumber = Left(MyNumber, Len(MyNumber) - 2)

Else

MyNumber = ""

End If

Count = Count + 1

End If

Loop

' Clean up Rupees.

Select Case Rupees

Case ""

Rupees = ""

Case Else

Rupees = Rupees & “টাকা “

End Select

' Clean up Paise.

Select Case Paise

Case ""

Paise = ""

Case Else

Paise = " Ges " & Paise & " cqmv"

End Select

ConvertCurrencyToBangla = Rupees & Paise

End Function

Private Function ConvertHundreds(ByVal MyNumber)

Dim Result As String

' Exit if there is nothing to convert.

If Val(MyNumber) = 0 Then Exit Function

' Append leading zeros to number.

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

' Do we have a hundreds place digit to convert?

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

Result = ConvertDigit(Left(MyNumber, 1)) & “শত”

End If

' Do we have a tens place digit to convert?

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

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

Else

' If not, then convert the ones place digit.

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

End If

ConvertHundreds = Trim(Result)

End Function

Private Function ConvertTens(ByVal MyTens)

Dim Result As String

' Is value between 10 and 19?

If Val(Left(MyTens, 1)) = 1 Then

Select Case Val(MyTens)

Case 1: Result = “এক”

Case 10: Result = “দশ”

Case 11: Result = “এগারো”

Case 12: Result = “বার”

Case 13: Result = “তের”

Case 14: Result = “চৌদ্দ”

Case 15: Result = “পনের”

Case 16: Result = “ষোল”

Case 17: Result = “সতের”

Case 18: Result = “আঠার”

Case 19: Result = “উনিশ”

Case Else

End Select

ElseIf Val(Left(MyTens, 1)) = 2 Then

Select Case Val(MyTens)

Case 2: Result = “দুই”

Case 20: Result = “বিশ”

Case 21: Result = “একুশ”

Case 22: Result = “বাইশ”

Case 23: Result = “তেইশ”

Case 24: Result = “চব্বিশ”

Case 25: Result = “পঁচিশ”

Case 26: Result = “ছাব্বিশ”

Case 27: Result = “সাতাশ”

Case 28: Result = “আঠাশ”

Case 29: Result = “ঊনত্রিশ”

Case Else

End Select

ElseIf Val(Left(MyTens, 1)) = 3 Then

Select Case Val(MyTens)

Case 3: Result = “তিন”

Case 30: Result = “ত্রিশ”

Case 31: Result = “একত্রিশ”

Case 32: Result = “বত্রিশ”

Case 33: Result = “তেত্রিশ”

Case 34: Result = “চৌত্রিশ”

Case 35: Result = “পঁয়ত্রিশ”

Case 36: Result = “ছত্রিশ”

Case 37: Result = “সাঁইত্রিশ”

Case 38: Result = “আটত্রিশ”

Case 39: Result = “ঊনচল্লিশ”

Case Else

End Select

ElseIf Val(Left(MyTens, 1)) = 4 Then

Select Case Val(MyTens)

Case 4: Result = “চার”

Case 40: Result = “চল্লিশ”

Case 41: Result = “একচল্লিশ”

Case 42: Result = “বিয়াল্লিশ”

Case 43: Result = “তেতাল্লিশ”

Case 44: Result = “চুয়াল্লিশ”

Case 45: Result = “পঁয়তাল্লিশ”

Case 46: Result = “ছেচল্লিশ”

Case 47: Result = “সাতচল্লিশ”

Case 48: Result = “আটচল্লিশ”

Case 49: Result = “ঊনপঞ্চাশ”

Case Else

End Select

ElseIf Val(Left(MyTens, 1)) = 5 Then

Select Case Val(MyTens)

Case 5: Result = “পাঁচ”

Case 50: Result = “পঞ্চাশ”

Case 51: Result = “একান্ন”

Case 52: Result = “বায়ান্ন”

Case 53: Result = “তিপ্পান্ন”

Case 54: Result = “চুয়ান্ন”

Case 55: Result = “পঞ্চান্ন”

Case 56: Result = “ছাপ্পান্ন”

Case 57: Result = “সাতান্ন”

Case 58: Result = “আটান্ন”

Case 59: Result = “ঊনষাট”

Case Else

End Select

ElseIf Val(Left(MyTens, 1)) = 6 Then

Select Case Val(MyTens)

Case 6: Result = “ছয়”

Case 60: Result = “ষাট”

Case 61: Result = “একষট্টি”

Case 62: Result = “বাষট্টি”

Case 63: Result = “তেষট্টি”

Case 64: Result = “চৌষট্টি”

Case 65: Result = “পঁয়ষট্টি”

Case 66: Result = “ছেষট্টি”

Case 67: Result = “সাতষট্টি”

Case 68: Result = “আটষট্টি”

Case 69: Result = “ঊনসত্তর”

Case Else

End Select

ElseIf Val(Left(MyTens, 1)) = 7 Then

Select Case Val(MyTens)

Case 7: Result = “সাত”

Case 70: Result = "সত্তর"

Case 71: Result = “একাত্তর”

Case 72: Result = “বাহাত্তর”

Case 73: Result = “তিয়াত্তর”

Case 74: Result = “চুয়াত্তর”

Case 75: Result = “পঁচাত্তর”

Case 76: Result = “ছিয়াত্তর”

Case 77: Result = “সাতাত্তর”

Case 78: Result = “আটাত্তর”

Case 79: Result = “ঊনআশি”

Case Else

End Select

ElseIf Val(Left(MyTens, 1)) = 8 Then

Select Case Val(MyTens)

Case 8: Result = “আট”

Case 80: Result = “আশি”

Case 81: Result = “একাশি”

Case 82: Result = “বিরাশি”

Case 83: Result = “তিরাশি”

Case 84: Result = “চুরাশি”

Case 85: Result = “পঁচাশি”

Case 86: Result = “ছিয়াশি”

Case 87: Result = “সাতাশি”

Case 88: Result = “আটাশি”

Case 89: Result = “ঊননব্বই”

Case Else

End Select

ElseIf Val(Left(MyTens, 1)) = 9 Then

Select Case Val(MyTens)

Case 9: Result = “নয়”

Case 90: Result = “নব্বই”

Case 91: Result = “একানব্বই”

Case 92: Result = “বিরানব্বই”

Case 93: Result = “তিরানব্বই”

Case 94: Result = “চুরানব্বই”

Case 95: Result = “পঁচানব্বই”

Case 96: Result = “ছিয়ানব্বই”

Case 97: Result = “সাতানব্বই”

Case 98: Result = “আটানব্বই”

Case 99: Result = “নিরানব্বই”

Case Else

End Select

Else

' .. otherwise it's between 20 and 99.

Select Case Val(Left(MyTens, 1))

Case 2: Result = "Twenty "

Case 3: Result = "Thirty "

Case 4: Result = "Forty "

Case 5: Result = "Fifty "

Case 6: Result = "Sixty "

Case 7: Result = "Seventy "

Case 8: Result = "Eighty "

Case 9: Result = "Ninety "

Case Else

End Select

' Convert ones place digit.

Result = Result & ConvertDigit(Right(MyTens, 1))

End If

ConvertTens = Result

End Function

Private Function ConvertDigit(ByVal MyDigit)

Select Case Val(MyDigit)

Case 1: ConvertDigit = “এক”

Case 2: ConvertDigit = “দুই”

Case 3: ConvertDigit = “তিন”

Case 4: ConvertDigit = “চার”

Case 5: ConvertDigit = “পাঁচ”

Case 6: ConvertDigit = “ছয়”

Case 7: ConvertDigit = “সাত”

Case 8: ConvertDigit = “আট”

Case 9: ConvertDigit = “নয়”

Case Else: ConvertDigit = ""

End Select

End Function