

This VBA Macro is for convert Numbers into Rupees in Excel

Function RupeesVed(ByVal Number)

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'**** Last updated 13-April-2024

'**** RupeesVed shows Rupees to precede, and to show "" for 0 paise)

'*****' Main Function *'*****'

```
Dim Rupees, Paise, Temp
Dim DecimalPlace, Count
ReDim Place(9) As String
Place(2) = " Thousand "
Place(3) = " Lac "
Place(4) = " Crore "
Place(5) = " Arab " ' String representation of amount
Number = Trim(Str(Number)) ' Position of decimal place 0 if none
DecimalPlace = InStr(Number, ".")
' Convert Paise and set Number to Rupee amount
If DecimalPlace > 0 Then
    Paise = GetTens(Left(Mid(Number, DecimalPlace + 1) & "00", 2))
    Number = Trim(Left(Number, DecimalPlace - 1))
End If
Count = 1
Do While Number <> ""
    If Count = 1 Then Temp = GetHundreds(Right(Number, 3))
    If Count > 1 Then Temp = GetHundreds(Right(Number, 2))
    If Temp <> "" Then Rupees = Temp & Place(Count) & Rupees
    If Count = 1 And Len(Number) > 3 Then
        Number = Left(Number, Len(Number) - 3)
    Else
        If Count > 1 And Len(Number) > 2 Then
            Number = Left(Number, Len(Number) - 2)
        Else
            Number = ""
        End If
    End If
    Count = Count + 1
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Loop
Select Case Rupees
Case ""
    Rupees = "No Rupees"
Case "One"
    Rupees = "One Rupee"
Case Else
    *****
    'modified the following two lines to display "Rupees" to precede
    ' rem'd the first line and added the second line
    *****
    'Rupees = Rupees & " Rupees"
    Rupees = "Rupees " & Rupees

End Select
Select Case Paise
Case ""
    *****
    'modified the following two lines to display nothing for no paise
    ' rem'd the first line and added the second line
    *****

    'Paise = " and No Paise"
    *****
    'modified the following line to display " Only" for no paise
    ' rem'd the first line and added the second line
    *****
    'Paise = ""
    Paise = " Only"
Case "One"
    Paise = " and One Paise"
Case Else
    Paise = " and " & Paise & " Paise"

End Select
RupeesVed = Rupees & Paise
End Function
*****
' Converts a number from 100-999 into text *

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Function GetHundreds(ByVal Number)
    Dim Result As String
    If Val(Number) = 0 Then Exit Function
    Number = Right("000" & Number, 3) 'Convert the hundreds place
    If Mid(Number, 1, 1) <> "0" Then
        Result = GetDigit(Mid(Number, 1, 1)) & " Hundred "
    End If
    'Convert the tens and ones place
    If Mid(Number, 2, 1) <> "0" Then
        Result = Result & GetTens(Mid(Number, 2))
    Else
        Result = Result & GetDigit(Mid(Number, 3))
    End If
    GetHundreds = Result
End Function
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' Converts a number from 10 to 99 into text. *
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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))
```

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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
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

```