

sort1 - sort strings, on a number inside the strings

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'
' Sorting test of strings '
' Problem: How to sort strings, on a Number inside the string '
' 2017.08.25 Peter Svard '
Cls '
Dim m$(10) As string m$(1)= "Knr: 151, Tom, No: 50, blablabla" m$(2)= "Knr: 292, Phil, No: 75,
blablabla" m$(3)= "Knr: 313, Anna, No: 80, blablabla" m$(4)= "Knr: 424, Harry, No: 56, blablabla"
m$(5)= "Knr: 155, Lisa, No: 37, blablabla" m$(6)= "Knr: 235, Carl, No: 49, blablabla" m$(7)= "Knr:
372, Greg, No: 51, blablabla" m$(8)= "Knr: 168, Will, No: 21, blablabla" m$(9)= "Knr: 189, Roy, No:
13, blablabla" '
' Test to sorting string's on No: number '
' using Bubble (or ripple) sort... algorithm '
Dim temp$ As string = "" arraysize = 9 For i = 1 To arraysize - 1
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For j = 1 To arraysize - 1
    ' take out No: number from strings
    p = Instr(1,m$(j),"No:") + 3 ' where is No:
    no1 = Val(Mid$(m$(j),p,Len(m$(j))-p))
    p = Instr(1,m$(j+1),"No:") + 3
    no2 = Val(Mid$(m$(j+1),p,Len(m$(j+1))-p))
    If no1 > no2 Then
        temp$ = m$(j)
        m$(j) = m$(j+1)
        m$(j+1) = temp$
    EndIf
Next j
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Next i '
' Print out the sorted results... '
Print "— Result —" For i = 1 To arraysize
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Print m$(i)
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Next i
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End
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