

## TableSort3Cols

by Dr. Kenneth Buchholz

~~The Washington Towne Crier BBS  
(908-689-5864 & 908-689-3649)  
(201-689-5864 & 201-689-3649)~~

---

table with columns for Date, User Name, User Sex and User Age and wish to sort this table by User Sex (col 3) and then by User Age (col 4) within User Sex and then, within User Age, by Date (col 1), you would use the sort criteria of sorting by Col 3 first, then Col 4 and then Col 1.

---

clipboard. Open the Edit box from the Macro pull-down window, enter in the new macro name of TableSort3Cols and paste the contents of the clipboard to the new macro between the Sub Main and Sub End statements. From the File pull-down menu, select Save All. Your macro is now ready to use.

---

in the Macro pull-down menu, highlight the TableSort3Cols macro name in the macro box on the left, select Utilities (or whichever pull-down menu you wish to install), click on the Assign button and then on the OK button. That's all there is to it.

---

### Sub MAIN

On Error Goto Cease

FirstOne:

SortCol1\$ = InputBox\$("Enter First Sort Column Number", "Sort Table")

If SortCol1\$ <> "1" And SortCol1\$ <> "2" And SortCol1\$ <> "3" Then

Beep

MsgBox "Error! Please Re-enter",, 0

Goto FirstOne

End If

SecondOne:

SortCol2\$ = InputBox\$("Enter Second Sort Column Number, or 0 (Zero) for Single Column Sort:", "Sort Table")

If SortCol2\$ <> "0" And SortCol2\$ <> "1" And SortCol2\$ <> "2" And SortCol2\$ <> "3" Then

Beep

MsgBox "Error! Please Re-enter",, 0

Goto SecondOne

End If

If SortCol2\$ = "0" Then

SortCol3\$ = "0"

Goto ContinueSort  
End If

ThirdOne:

SortCol3\$ = InputBox\$("Enter Third Sort Column Number, or 0 (Zero) for Two Column Sort", "Sort Table")

If SortCol3\$ <> "0" And SortCol3\$ <> "1" And SortCol3\$ <> "2" And SortCol3\$ <> "3" Then  
Beep

MsgBox "Error! Please Re-enter",, 0

Goto ThirdOne

End If

ContinueSort:

If SortCol3\$ = "0" Then Goto ContinueSort2 End If

If SortCol3\$ = "1" Then

UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "1", .SortColumn = 0, \  
.CaseSensitive = 0

End If

If SortCol3\$ = "2" Then

UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "2", .SortColumn = 0, \  
.CaseSensitive = 0

End If

If SortCol3\$ = "3" Then

UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "3", .SortColumn = 0, \  
.CaseSensitive = 0

End If

ContinueSort2:

If SortCol2\$ = "0" Then Goto ContinueSort3 End If

If SortCol2\$ = "1" Then

UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "1", .SortColumn = 0, \  
.CaseSensitive = 0

End If

If SortCol2\$ = "2" Then

UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "2", .SortColumn = 0, \  
.CaseSensitive = 0

End If

If SortCol2\$ = "3" Then

UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "3", .SortColumn = 0, \  
.CaseSensitive = 0

End If

ContinueSort3:

```
If SortCol1$ = "1" Then
UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "1", .SortColumn = 0, \
.CaseSensitive = 0
End If
```

```
If SortCol1$ = "2" Then
UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "2", .SortColumn = 0, \
.CaseSensitive = 0
End If
```

```
If SortCol1$ = "3" Then
UtilSort .Order = 0, .Type = 0, .Separator = 0, .FieldNum = "3", .SortColumn = 0, \
.CaseSensitive = 0
End If
```

Cease:

**End Sub**

---