

# Autopopulation of a field in a table based on entry in a second field.


MainTable					
ID	Item	Weight	BarRank	NumberRank	
1	chair	2.5 kg	O I I I I O I I I I	9	
2	kiwi	.01 kg	O I I I I	4	
3	telescope	1.6 kg			
4	hat	.15 kg	O I I I I O I I I I O	10	
5	tree	15.0 kg	O I I I I O I I	7	

entering a  
value here

causes a value to  
autopopulate here

my experience level: intermediate beginner. I have little knowledge of VBA and SQL.

**goal:** I want to be able to enter a value in a field in a table and have a second field automatically populate with a corresponding value.

 MainTable					
	ID ▾	Item ▾	Weight ▾	BarRank ▾	NumberRank ▾
	1	chair	2.5 kg	O I I I I O I I I I	9
	2	kiwi	.01 kg	O I I I I	4
	3	telescope	1.6 kg		
	4	hat	.15 kg	O I I I I O I I I I O	10
	5	tree	15.0 kg	O I I I I O I I	7

More specifically I want to be able to enter a value in the BarRank field of MainTable, and have a corresponding value autopopulate in the NumberRank field.

MainTable				
ID	Item	Weight	BarRank	NumberRank
1	chair	2.5 kg	O I I I I O I I I I	9
2	kiwi	.01 kg	O I I I I	4
3	telescope	1.6 kg		
4	hat	.15 kg	O I I I I O I I I I O	10
5	tree	15.0 kg	O I I I I O I I	7
6	kjh		O I I I I O I I I I O	
*****	####		O I I I I O I I I I	
			O I I I I O I I I	
			O I I I I O I I	
			O I I I I O I	
			O I I I I O	
			O I I I I	
			O I I I	
			O I I	
			O I	
			O	
			uncertain	
			inapplicable	

The BarRank field in MainTable is set with a combo box that displays a value list sourced from a second table named RankTable.

RankTable holds a list of the possible values used for ratings. BarRank holds bar representations of ratings (using text),

RankTable			
BarRank	NumberRank	ID	
O I I I I O I I I I O	10	1	
O I I I I O I I I I	9	2	
O I I I I O I I I	8	3	
O I I I I O I I	7	4	
O I I I I O I	6	5	
O I I I I O	5	6	
O I I I I	4	7	
O I I I	3	8	
O I I	2	9	
O I	1	10	
O	0	11	
		12	
uncertain	uncertain	13	
inapplicable	inapplicable	14	

and NumberRank holds corresponding numerical values of ratings. Besides the numerical ratings there is a blank and the words **uncertain** and **inapplicable**. BarRank values in RankTable are sourced for the BarRank combo box in MainTable.

What I would like help with is how to set up the autopopulation feature

(so that when entering a value in the BarRank field in MainTable, the NumberRank field in the same table would autopopulate with a corresponding value sourced from RankTable).

MainTable

ID	Item	Weight	BarRank	NumberRank
1	chair	2.5 kg	O I I I I O I I I I	9
2	kiwi	.01 kg	O I I I I	4
3	telescope	1.6 kg		
4	hat	.15 kg	O I I I I O I I I I O	10
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entering a  
value here

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My guess is that I would create a query and use a DLookUp Function.

I tried creating a query (as shown) and it didn't work to do the autopopulation as I would like.

MainTable		RankTable	
*		*	
ID		BarRank	
Item		NumberRank	
Weight		ID	
BarRank			
NumberRank			

Field:	BarRank	NumberRank
Table:	MainTable	RankTable
Sort:		
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:		DLookUp("NumberRank","RankTable","[BarRank]='' & [MainTable]![BarRank] & ''")
or:		

Here is the formula I entered into the query.

`DLookup("NumberRank","RankTable","[BarRank]=  
" & [MainTable]![BarRank] & "")`

The query seems to be working in that it displays all the values of Bar-Rank (in a different order than MainTable though) and it displays the correct corresponding values for NumberRank.

BarRank	NumberRank
O I I I I O I I	7
O I I I I	4
O I I I I O	5
O I I I I O I I I	8
O I I I I O I I I I O	10

ID	Item	Weight	BarRank	NumberRank
1	chair	2.5 kg	O I I I I	9
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5	tree	15.0 kg	O I I I I O	7

However, the NumberRank values in MainTable don't update accordingly.

I've added a copy of the database with the query to the post if that will help.