

# 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.

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 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),

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 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         O	9	
2	kiwi	.01 kg	O	4	
3	telescope	1.6 kg			
4	hat	.15 kg	O         O         O	10	
5	tree	15.0 kg	O         O	7	

entering a value here

causes a value to autopopulate here

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.

The screenshot displays two tables in Microsoft Access:

- MainTable:** Fields include ID (primary key), Item, Weight, BarRank, and NumberRank.
- RankTable:** Fields include BarRank, NumberRank, and ID (primary key).

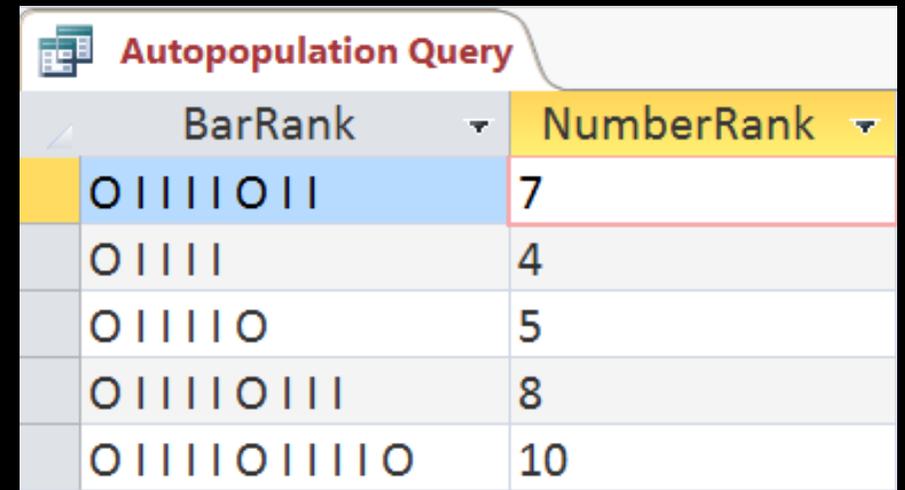
Below the tables is a query design grid with the following configuration:

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

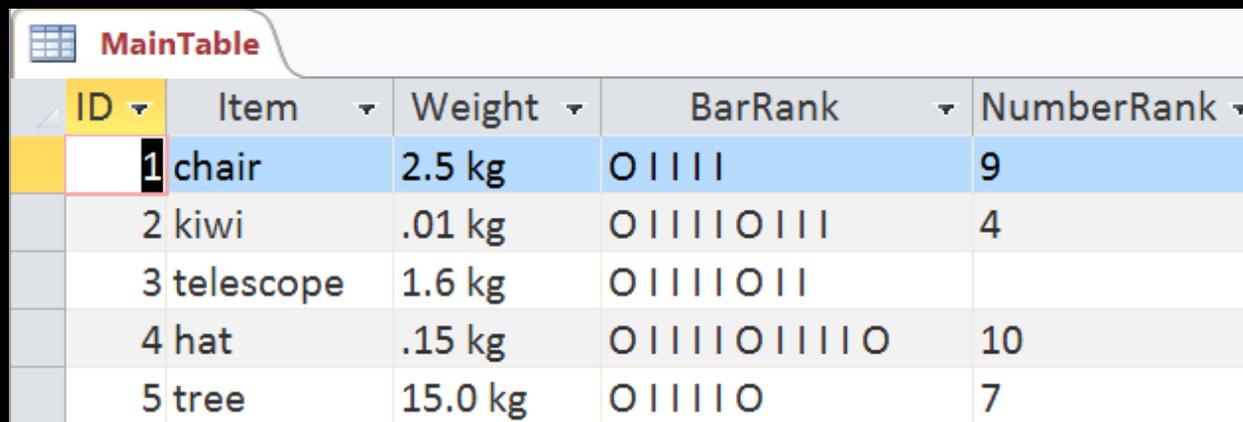
Here is the formula I entered into the query.

```
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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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.