

Student Name _____ Period _____ Date _____

GUIDED PRACTICE: QUERY: B & B DATABASE

Directions: In this activity, **you will follow along with your teacher** to query a database. Using the **B&B** database and the **HistoricInns** table last edited in Objective 5.01, create and name the following queries. Be certain that only the desired fields are shown in the results of the query.

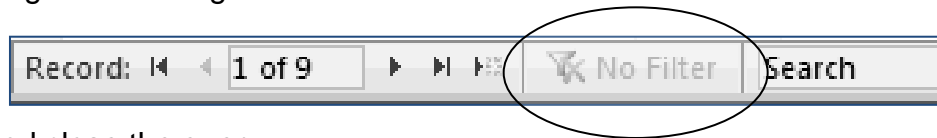
Instructions for Query 1:

1. Query for records that meet the following conditions and save it as **Choice**:
 - Name of inn in ascending order
 - Greater than 4 rooms available **AND**
 - Located in the city **AND**
 - Allows children.

Field	Inn	Rooms	Children	City
Sort	Ascending			
Criteria		>4	=yes	=yes

Record the steps for creating the query below:

2. Look at the bottom of the query in design view and notice that no filter has been applied. This means that the query has extracted the data from the Historic Inns table and placed it into the Choices query. As far as this query is concerned, the remaining data no longer exists.



3. Save and close the query

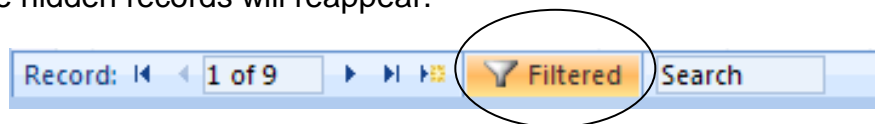
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4. Select the Historic Inns table and perform an advanced filter/sort using the following criteria and sort order.

Field	Inn	Rooms	Children	City
Sort	Ascending			
Criteria		>4	=yes	=yes

Record the steps for creating the filter below:

5. Once the filter has been applied, are the results the same as the query?
6. What happens when you try to save the filter?
7. Look at the bottom of the filter and notice that the Filtered box is highlighted (or active). This means that the filter has hidden the data from the Historic Inns table that does not match the criteria. If you click on the filtered box to turn the filter off, the hidden records will reappear.



8. In your own words, summarize the difference between a query and a filter.

GUIDED PRACTICE: QUERY: B & B DATABASE KEY

Query 1

Choice : Select Query				
Inn	Rooms	Children	City	
Abbington Green	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Blake House Inn	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Carolina Bed & Breakfast	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Colby House	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Dry Ridge Inn	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Inn on Montford (1900)	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
North Lodge on Oakland	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
The Lion and the Rose	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
White Gate Inn and Cottage (1889)	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Difference between query and filter:

A query provides permanent listing of **only** the information requested whereas the filter provides **all** information, but simply hides fields that are not requested. A filter is not permanent. A filter can be applied to a query.

HistoricInns : Table							
	Inn	Rooms	Children	City	Setting	Breakfast	Pets
+	Abbington Green	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input type="checkbox"/>	<input checked="" type="checkbox"/>
+	Blake House Inn	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
+	Carolina Bed & Breakfast	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
+	Colby House	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
+	Dry Ridge Inn	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
+	Inn on Montford (1900)	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
+	North Lodge on Oakland	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
+	The Lion and the Rose	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
+	White Gate Inn and Cottage (1889)	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mountain	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Query 2

Pets : Select Query								
Inn	Rooms	Pets	Street	City	State	Zip	Phone	
Abbington Green	8	<input checked="" type="checkbox"/>	46 & 48 Cumberland Cir	Asheville	NC	28801	800-251-2454	
Biltmore Village Inn	6	<input checked="" type="checkbox"/>	119 Dodge St	Asheville	NC	28803	866-274-8779	
Blake House Inn	6	<input checked="" type="checkbox"/>	150 Royal Pines Dr	Asheville	NC	28704	888-353-5227	
Carolina Bed & Breakfast	7	<input checked="" type="checkbox"/>	177 Cumberland Ave	Asheville	NC	28801	888-254-3608	

5. Once the filter has been applied, are the results the same as the query? Yes
6. What happens when you try to save the filter? The whole table is saved
- 3a. Names of the inns:..... Abbington, Biltmore, Blake, Carolina
- 3b. Inns with the same number of rooms..... Biltmore and Blake
- 3c. Inns with the same zip code Abbington and Carolina