

Hi [FirstName],

# Simply Access Tips

## Issue 17 – 2007

June 21<sup>st</sup> 2007

Welcome to the seventeenth edition of Simply Access Tips for 2007.

Housekeeping as usual is at the end of the Newsletter so, if you need to know how to unsubscribe, white-list etc., then scroll to the bottom.

### Weekly Update

Hi [FirstName],

I am trialing a new method to send this Newsletter. So you may find a different email address, if you could white list this address in your spam filters, it will ensure you receive this email ([julie@simply-access.com](mailto:julie@simply-access.com)).

Not a lot happening here this week. I am doing up a room downstairs, that I intend turning into my office. The room I am currently using will become a sitting room. Today I intend to paint the roof of my future office – it is currently blue – I think white would look a bit better. So I have bought some ceiling white and my husband is going to give me a hand. I have located a couple of desks that I think would look good and would suit my needs. Just need to pay them off. I am currently working off a very cheap computer desk, so it will be good to have something that does not sway every time I print something and where the keyboard drawer, does not keep falling off.

My daughter who is at University studying primary school teaching is currently sitting her exams, then she has a month break.

I think that is about all – talk to you next week.

Cheers,

Julie

### Questions

Unfortunately, I am unable to answer individual questions, personally, via email. Purely due to the fact that all I would do is answer questions. You do, though, have three other options for me to answer your questions:

- 1) I can include them in an edition of Simply Access Tips (if you do not mind your question being shared). There may be a wait before they are included, depending on how many I have.
- 2) You can go to All Experts and post your question there; I answer one question per day from All Experts (this helps to keep control of the questions):

<http://www.allexperts.com/browse.cgi?catLvl=3&catID=1440>

If I am not available, there are many other experts.

- 3) Or, you can subscribe to my Question Subscription Service, \$23.95 AUD per month, for unlimited questions:

<http://www.simply-access.com/MicrosoftAccessQuestions.html>

## Learn VBA

You may have noticed I have used VBA code in some of my answers. If you would like to learn this valuable skill to enable you to expand the flexibility of your Microsoft Access database, then click below to get your first lesson free, or cut and paste into your URL Address bar. You will need to scroll to the bottom of the page and enter your information into the form.

<http://www.simply-access.com/LearnVBA.html>

## Tips

**NOTE:** If you are copying code from the tips and find it is not copying correctly – i.e. the html is also being copied, then copy them into NotePad first (not Microsoft Word, as Word keeps the formatting) then copy from NotePad into Microsoft Access.

**Tip 1:        *Difference between criteria in SQL for number and text***

## Question

I have this query below working when the STUDENT\_NO field data type is number. Can you please help me how to re-construct this query when the STUDENT\_NO data type is text?

Here's the query:

```
SELECT Count(*) AS Stu_Count, Sum(FEE) AS Stu_Val  
  
FROM TableName  
  
WHERE ((DCount("*", "TableName", "STUDENT_NO =" & STUDENT_NO)=1)  
AND ((SECTION)=1));
```

Here are the parameters:

### **Stu\_Count**

The number of records (count) in the table where there is only one instance of the STUDENT\_NO value and the corresponding SECTION value is 1

### **Stu\_Val**

The sum of the FEE values in the table where there is only one instance of the STUDENT\_NO value and the corresponding SECTION value is 1

## **Answer**

Try the following:

```
SELECT Count(*) AS Stu_Count, Sum(FEE) AS Stu_Val  
  
FROM TableName  
  
WHERE ((DCount("*", "TableName", "STUDENT_NO = " & STUDENT_NO &  
"")=1) AND ((SECTION)=1));
```

i.e. add a ' before and after STUDENT\_NO in the WHERE statement, this identifies the field as text.

In case you cannot see them - there is one ' after the first = and before the ", the second one I have added as

& " ' " after the second STUDENT\_NO

## **Tip 2: Saving data into a table using SQL**

### **Question**

I have two tables one is a temp table that I use on my form for data entry purpose, and the other one the data table for storing saved transactions.

Question- how do I copy the data on the temp table to the data table when the user click a 'save' button on the form?

I run into an SQL insert command, but its not working:

```
sSQL = "insert into transaction select * from blnktransaction;"
```

### **Answer**

Your SQL looks OK to me (try removing the ;), but what you need to do is execute it. Have a look at the sample below:

```
Dim conDatabase As Object  
Dim sSQL As String
```

```
Set conDatabase = CurrentDb
```

```
sSQL = "insert into transaction select * from blnktransaction"
```

```
conDatabase.Execute sSQL
```

```
MsgBox "Table Updated"  
conDatabase.Close  
Set conDatabase = Nothing
```

Hope this makes sense.

Note: The above answer is on the presumption that the original SQL has been written in a procedure.

### **Tip 3: Using multiple fields as the Primary Key**

#### **Question**

Is there a way for me to create an index based on the values of multiple fields? I have a table with a field called 'order' and a second called 'line'. Since each order may have several lines and since the lines are numbered, each field will have duplicate values. But there should only be one of each combination.

So order 'A' had three lines (1,2 & 3) and Order B has two lines (1 & 2) the table will be:

- A 1
- A 2
- A 3

B 1  
B 2

How can I be sure that there is no other 'A 2' or 'B 1'?

## **Answer**

In design view of the table, you can highlight both the fields and set the primary key to both fields. This will prevent duplicates from occurring for these two fields i.e. there can only be one A1.

## ***Housekeeping***

Once again, just a quick reminder: Please ensure the following email address is white-listed with your ISP:

julie@simply-access.com

This will ensure the weekly arrival of this Newsletter.

## **Unsubscribe**