

Re: Todays End number becomes tomorrows start number!

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.formscoding/2006-05/msg01613.html>

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- *From:* "Allen Browne" <[AllenBrowne@xxxxxxxxxxxxxxxx](mailto:AllenBrowne@xxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 26 May 2006 10:25:21 +0800
- 

Click the Modules tab of the Database window.  
Click New.  
Access opens a new module.  
Paste the code in there.  
Save it with a name such as Module1.  
Choose Compile on the Debug menu to ensure Access understands it.

If you receive an error when you compile, it does need attention.  
For example if it says something about a "User defined type" being unknown,  
see:

<http://allenbrowne.com/ser-38.html>

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Allen Browne – Microsoft MVP. Perth, Western Australia.  
Tips for Access users – <http://allenbrowne.com/tips.html>  
Reply to group, rather than allenbrowne at mvps dot org.

"Debba" <[Debba@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Debba@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:CDC2D150-703F-4441-A849-4C3C055260F5@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:CDC2D150-703F-4441-A849-4C3C055260F5@xxxxxxxxxxxxxxxxxxxxxxxx)

Ok, where do I paste this ELookup function? Sorry i have never done these  
before but am learning fast thanks

"Debba" wrote:

Thankyou very much for putting me on the right track, I will study this  
and  
give it a go. By the way, the website with all the useful tips is  
fantastic.  
Deb

"Allen Browne" wrote:

Do not store the StartNumber in your table. Instead, have  
Access look

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up the  
starting value from yesterday's record for you.

This is the only way to ensure that the values are always right. For example, if there is no entry for May 21 (Sunday), it will read the previous value for you. But it it does turn out later that there was an entry for May 21, once that entry is entered, the database will still work correctly and locate the previous ending value for you. There is no simple way to get that kind of scenario right 100% of the time if you are actually storing the start number again, so it has to be adjusted if another entry is inserted.

So, how do you look up the previous date? The answer will depend on your table and fields, but for this example we will assume a table named "tblReading" with these fields:  
ReadingDate Date/Time primary key  
EndNumber Number required.

Copy the ELookup() function from this page:

<http://allenbrowne.com/ser-42.html>

Then on your form, put this expression into the ControlSource of a text

box:

```
=ELookup("EndNumber", "tblReading", "[ReadingDate] < "  
&  
Format(Nz([ReadingDate], #1/1/1900#),  
"#mm\dd\yyyy\#"),  
"[ReadingDate] DESC")
```

(You need the ELookup() because the DLookup() built into Access lacks the ability to specify which value to look up, and DMax() fails when a meter is replaced so that yesterday's reading is no longer the highest.)

If you want to do this in a query, you could type this into a

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fresh  
column  
in the Field row:  
StartNumber: (SELECT TOP 1 EndNumber  
FROM tblReading AS Dupe  
WHERE Dupe.ReadingDate < tblReading.ReadingDate  
ORDER BY Dupe.ReadingDate DESC)  
The query results will be read-only. It is called a subquery.  
If subqueries are new, see:  
How to Create and Use Subqueries  
at:  
<http://support.microsoft.com/?id=209066>

Microsoft has other suggestions in this article:  
Referring to a Field in the Previous Record or Next Record  
at:  
<http://support.microsoft.com/kb/210504/en-us>

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"Debba" <Debba@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in  
message  
<news:5FB65130-E5C5-42C9-B952-F6AFF1062728@xxxxxxxxxxxxxxxxxxxx>

Ok am having trouble wording this as you  
can see from the subject  
title!  
so I  
couldnt even search very well for the  
answer.  
On my form, there are 2 text boxes called  
EndNumber and StartNumber.  
The StartNumber I want to automatically be  
filled in because I want  
it to  
be  
the previous records EndNumber. This form  
is only filled in once a  
day so  
each day, the StartNumber needs to  
somehow take the previous days  
entry  
EndNumber so the new record for the day  
when the form is opened will  
already  
have in the StartNumber text box yesterdays  
EndNumber. Hope this  
makes

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sense

and can anyone help. thanks