

## Re: IF statement problem !Syntax Error, !

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<http://www.tech-archive.net/Archive/Word/microsoft.public.word.docmanagement/2006-07/msg01046.html>

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- *From:* Cindy M -WordMVP- <[C.Meister-C@xxxxxxxxxx](mailto:C.Meister-C@xxxxxxxxxx)>
  - *Date:* Tue, 11 Jul 2006 16:03:59 +0200
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Hi Josh,

Thank you for the reply! I'm using MS Word XP. These are form fields in my document. They are set to number with dollar formats; each form field has a bookmark name list below and set to calculate on exit. The calculation will be just a field. The idea is we call the patient on the phone pre-register them for their hospital visit and give them an estimated quote for services based on the patient's insurance information. We find out how much the patient owes on their deductible, what percentage the insurance company will pay and what the patient out of pocket expense is.

OK, then what you need to do in the "IF" is turn each of these formfield (bookmark) names into a REF field. Select each name (double-click should work) the press Ctrl+F9. The result should look something like:

```
{ txtEC1 }
```

Actually, Word might even work with it, just like that. But sometimes not, so it's safer to edit the result:

```
{ REF txtEC1 }
```

Next, you don't use parentheses in IF fields to group the test/true/false; Word IF fields use "quotes". And an mathematical equation must also be in a field. So, very roughly:

```
{ IF { = { Ref txtEC1 }+{REF txtEc2} } > { = { REF OPNet }- { REF OPMet } } "true here" "false here" }
```

A long complicated formula is a PITA to work with in Word :-). If this were mail merge, I'd suggest using Excel or Access for the data and doing the calculations in an additional column. In this case, unless macro security is a problem, I'd probably be tempted to put the calculation in a macro and just dump in the result...

For example, you have 300 dollars left on your deductible and 80% coverage and a 2000 dollar out of pocket. Say you have some blood work for \$120 dollars; your estimated cost is \$120. If you had an MRI the estimated hospital cost would be \$1200, you would pay \$300 and the

Re: IF statement problem !Syntax Error, !

insurance company would pay 80% leaving you with \$300 plus 20% = \$480.  
If you needed a pacemaker it alone would cost \$120,000, instead of  
paying \$23,940 for the pacemaker you would just pay \$2000 because you  
do not pay more then your out of pocket expense.

There would be some slight changes depending on our insurance company  
plan. Sorry, if I confused anyone.

Cindy M –WordMVP– wrote:

Hi Jlawson,

I created a IF, THEN, ELSE field in word that is based on  
certain  
fields that the user will fill in.

What are these fields, more exactly? Are they form fields in the document?  
Mail  
merge fields? Something else?

With very few exceptions, you can't type a field's name into another field (the  
IF  
field, here). Word won't recognize it as a field and doesn't know where the  
information is coming from. The names must also be in fields. But the kind  
of field  
you can use depends very much on where the original information is coming  
from...

and as long as we're playing q&a: Which version of word are you using?

OPNet = \$5,000  
OPMet = \$2,000

DedNet = \$1,000  
DedMet = \$100

NetPer = 80%

txtEC1 = \$100  
txtEC2 = \$2500  
etc...

This is what I have but I feel I'm missing something simple  
in the  
formula...

!Syntax Error, !

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{=IF((txtEC1+txtEC2+txtEC3+txtEC4+txtEC5+txtEC6+txtEC7)>(OPNet-OPMet),(OPNet-OPMet),{

IF((txtEC1+txtEC2+txtEC3+txtEC4+txtEC5+txtEC6+txtEC7)>(DedNet-DedMet),((txtEC1+txtEC2+txtEC3+

txtEC4+txtEC5+txtEC6+txtEC7)-(DedNet-DedMet))-(((txtEC1+txtEC2+txtEC3+txtEC4+txtEC5+txtEC6+txtEC7)-(DedNet-DedMet))\*NetPer)+(DedNet-DedMet),(txtEC1+txtEC2+txtEC3+txtEC4+txtEC5+txtEC6+txtEC7)

}) }

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<http://www.word.mvps.org>

This reply is posted in the Newsgroup; please post any follow question or reply in the newsgroup and not by e-mail :-)

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