

RE: Refer to Column with a variable

Source:

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- *From:* Joel <Joel@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 7 May 2008 11:42:33 -0700
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I have trouble count column numbers. Can you tell me what column number AV is? To avoid problems let excel caculate the column number. The first line just tell you that Column E is 5.

The columns method excepts either a number of letters. You can either have columns("B:C") or columns ("2:3"), they are equivalent.

When you combine a row and a number use the following

```
Range("A1")
```

or

```
x = 7
```

```
Range("A" & x).select
```

or

```
x = 7
```

```
Range("A1:A" & x).select
```

You can do the same thing with columns

```
X= 7
```

```
Columns("2:" & x).select
```

"straightedge32" wrote:

Joel,

Thanks for the swift reply, but I'm afraid I'm a bit lost. Could you provide some explanation as to what the different parts of the syntax are doing?

What is the purpose of the first line of code? I'm sorry, I'm just not sure what's going on here. I don't have enough experience to interpret this. Thanks again.

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-Mike

"Joel" wrote:

```
StartCol = Range("E5").column
for ColCount = StartCol to StartCol + 4
Columns(ColCount).Select
cells(RowNum,Colcount) = 5
next Colcount
```

"straightedge32" wrote:

Hi. I would like very much to figure out how to refer to a column using a variable. The A1 notation does not seem to be conducive to this, and I can't figure out how to work the syntax.

Basically, I'm creating a macro that will create a data sheet for me. I enter the number of subjects I have and it creates that many rows. Then I enter how many trials and it creates that many columns. So for each row, I want to insert a formula that averages the values for each subject.

For instance, if my data starts in column E and I have 5 trials, I want column J to be the average of E – I. But depending on how many trials I have, this formula will differ. Sometimes it will be 6 trials, so column K will be the average of E – J, and so on.

I have loops that iterate through the columns and rows to set up my headings, etc. But I can't figure out how to insert the formula that will calculate a range using a variable name (which is used to iterate through the loops, hold the current row number, etc). Could someone please provide some sample code that shows me how to calculate an average using a range selected by variable names and not A1 notation? I would very much appreciate that.
Thanks in advance.

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