
Subject: Re: appending to column

Posted by [Jean H.](#) on Wed, 16 Jul 2008 17:20:49 GMT

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```
>> IDL> print,a
>>    0    1
>>    2    3
>>    4   311
>> IDL> print,a[0,*] +
>> float(a[1,*])/10^strlen(strcompress(string(a[1,*]),/rem))
>>    0.100000
>>    2.30000
>>    4.31100
```

```
>
> Alright, these explanations don't exactly leap to mind for me.
> Which math class was I suppose to learn this in? :-(
>
> Cheers,
> David
```

division by 10, by 100 by 1000... hum.... too far back in time to remember when we learn it! :)

- 1) get the number of digits for the decimal part
- 2) divide the decimals by 10 power to the number of digits(-> 10,100,1000 etc) so that $0 \leq \text{result} < 1.0$
- 3) add it to the integer part

Jean
