
Subject: Re: Help requested in eradicating FOR loops
Posted by [Jean H.](#) on Thu, 20 Dec 2007 03:02:01 GMT
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Kenneth Bowman wrote:

```
> In article <fkbg7s$vb1$1@news.ucalgary.ca>,
> Jean H <jghasban@DELTHIS.ucalgary.ANDTHIS.ca> wrote:
>
>>>> y_locations = fix(temp) / 4
>>> I have found that this works a bit better:
>>> y_locations = FLOOR(temp / 4)
>> It is exactly the same thing.... since fix() simply removes the
>> decimals (if used with no TYPE keyword), it acts like floor!
>>
>> Jean
>
> Be careful, FLOOR and FIX (or LONG) are not the same thing.
>
> IDL> print, floor(3.5)
>      3
> IDL> print, long(3.5)
>      3
> IDL> print, floor(-3.5)
>     -4
> IDL> print, long(-3.5)
>     -3
>
>
> Cheers, Ken Bowman
```

oops... thanks for pointing that... thesis writing is bad for coding
details memory :-)

Jean
