
Subject: Re: Help requested in eradicating FOR loops
Posted by [Kenneth Bowman](#) on Wed, 19 Dec 2007 21:45:05 GMT
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In article <fkbg7s\$vbI\$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
