
Subject: Re: fix(4.70*100) is... 469

Posted by [David Fanning](#) on Thu, 19 Apr 2007 14:48:42 GMT

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kBob writes:

```
> Oh, we can have fun with this.
>
> Starting with Qing reply....
>
> IDL> print, double(4.7)
>    4.6999998
>
> How about this...
>
> IDL> print, 4.7D
>    4.7000000
>
> Or, even this...
>
> IDL> print, DOUBLE(4.7E1)
>    47.000000
>
> Even stranger ....
>
> IDL> print, DOUBLE(STRING(4.7,FORMAT='(F0)'))
>    4.7000000
```

Well, these are all explained in this article:

http://www.dfanning.com/math_tips/double.html

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
