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

Posted by [Qing](#) on Thu, 19 Apr 2007 04:38:15 GMT

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On Apr 19, 2:36 pm, Qing <c...@bigpond.net.au> wrote:

> On Apr 19, 2:31 pm, Qing <c...@bigpond.net.au> wrote:

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>> On Apr 19, 8:48 am, b\_efrem...@yahoo.com wrote:

>

>>> Hi Guys,

>>> There's something I can not explain to myself, so maybe someone can

>>> enlighten me?

>>> print,fix(4.70\*100)

>>> 469

>>> and also:

>>> print,string(4.70\*100,format='(i3)')

>>> 469

>

>>> While, everything else that came into my head to try was OK like:

>>> print,fix(5.70\*100)

>>> 570

>>> print,fix(3.70\*100)

>>> 370

>>> print,fix(4.60\*100)

>>> 460

>>> print,string(4.60\*100,format='(i3)')

>>> 460

>>> ...

>>> etc..

>

>>> Thanks in advance!

>>> Cheers.

>>> Boryana

>

>> Look at that!

>> IDL> print, double(4.7)

>> 4.6999998- Hide quoted text -

>

>> - Show quoted text -

>

> And more ...

> IDL> print, double(9.4)

> 9.3999996

> IDL> print, double(2.35)

```
> 2.3499999
> IDL> print, double(18.8)
> 18.799999
> IDL> print, double(18.9)
> 18.900000
> IDL> print, double(18.7)
> 18.700001
> ...- Hide quoted text -
>
> - Show quoted text -
```

```
IDL> print, double(4.7*1)
4.6999998
IDL> print, double(4.7*10)
47.000000
IDL> print, double(4.7*100)
469.99997
IDL> print, double(4.7*1000)
4700.0000
```

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