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> 470.000 or 469.999.

> I would expect the number to be rounded.

> Well, I did it.

> On the other hand I still think that

>
> print,469.9999,format='(i3)'
> should be
> 470
>
> but it is 469 insted.
> What is wrong about this assumption of mine?

It's simply another syntax for
IDL> print, INT(469.999)
469

Computers have zero intelligence - you have to ask them to do **exactly** what you want.
There's no way for the circuitry to divine that while you actually said something like
INT(469.999)
you really meant
ROUND(469.999)
(or vice versa)

Many a program has crashed in a big hairy heap on the floor because of this type of assumption.

Have a read of:
http://docs.sun.com/source/806-3568/ncg_goldberg.html

and check out
<http://tinyurl.com/2wnnggj>

from your library.

cheers,

paulv

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Paul van Delst Ride lots.
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