
Posted by [marcuirl](#) on Mon, 05 Apr 2004 12:28:37 GMT

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Thomas Nehls <thomas.nehls@tu-berlin.de> writes:

> Hi folks,
>
> I tried to calculate something and found out that something must be
> wrong... I also tried Float and so on...
> Where is my mistake?

34000/340000.

^^^

Try that!

marcu

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Unless otherwise noted, the statements herein reflect my personal opinions and not those of any organisation with which I may be affiliated.

Posted by [James Kuyper](#) on Mon, 05 Apr 2004 14:57:41 GMT

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Thomas Nehls wrote:

>
> Hi folks,
>
> I tried to calculate something and found out that something must be
> wrong... I also tried Float and so on...

Nothing's wrong; according to the rules for integer arithmetic, 34000/340000 is 0, so it printed out exactly the correct result. If you divided 34000.0/340000, then it should give you a 0.1. But you said that you tried Float, and it didn't work? Perhaps you tried one of the following:

```
PRINT,FLOAT(34000/340000)
PRINT,FORMAT="(F)",34000/340000
```

Neither of those would give you what you want. The division occurs first, producing a 0, which is then converted to floating point. On the other hand:

```
PRINT,FLOAT(34000)/340000
```

should do precisely what you want.
