
Subject: Re: why is $1/8 = 0$?

Posted by [olsen](#) on Sat, 21 May 1994 18:41:29 GMT

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In article [j42@news.service.uci.edu](#), [vshvetsk@fourier.oac.uci.edu](#) (Victor Shvetsky) writes:

> I am just wondering- I just found out after trying to debug the program for three hours

> that: $1/8$ gives 0 in IDL unless you say: $1/8.0$

> Is it such a well-known fact?

...

> Victor

>

Well known to fortran programmers, anyway - integer divide gives the CORRECT integer result - if you want floats, you need to 'declare' them so.

rc olsen

nps
