Subject: Re: Combination
Posted by David Fanning on Mon, 28 Feb 2011 21:02:27 GMT
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fgg writes:

> I should probably know this by now... what's going on below?
>
> IDL> c = factorial(21)/(factorial(3)*factorial(21-3))
> IDL> print, c
> 1330.0000
> IDL> myvec = dblarr(c)
> IDL> help, myvec
> MYVEC DOUBLE = Array[1329]
>
> I'd like myvec to have 1330 elements... not 1329.

I would guess yet another instance of the "Sky is Falling." :-)

http://www.idlcoyote.com/math_tips/sky_is_falling.html

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Combination
Posted by Carsten Lechte on Mon, 28 Feb 2011 21:12:33 GMT
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fgg wrote:
> IDL> c = factorial(21)/(factorial(3)*factorial(21-3))
> IDL> print, c
> 1330.0000

WYSINWYG (what you see is NOT what you get):

IDL> print, c, format='(D50)'
 1329.9999999999995453
IDL> print, LONG(c)
 1329

HTH, chl

Subject: Re: Combination
Posted by fgg on Mon, 28 Feb 2011 21:40:14 GMT
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Hi David,

I guess so. I love the melodrama in the opening paragraph, btw :) ... just hope I didn't sound like that.

round(c) it is!

Thanks again.

Subject: Re: Combination
Posted by fgg on Mon, 28 Feb 2011 21:43:33 GMT
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Got it... thanks, Carsten.
