Subject: Re: Simple overflow error
Posted by mchinand on Tue, 28 Jan 2003 23:19:19 GMT

In article <162586e3.0301281512.3d87e978@posting.google.com>,
New2IDL <biomedthesis2002@yahoo.com> wrote:
> HI,
> I have a small problem with overflow.
>
> a = 200 * 200
> print, a
>
> I get the answer as a negative no. can anybody please tell me how to fix this.
>
> Thanks

Make at least one of your integers a LONG .

a=200L*200
print, a

Subject: Re: Simple overflow error
Posted by Mark Hadfield on Tue, 28 Jan 2003 23:32:49 GMT

"Mike Chinander" <mchinand@midway.uchicago.edu> wrote:
> New2IDL <biomedthesis2002@yahoo.com> wrote:
>
>> I have a small problem with overflow.
>>
>>   a = 200 * 200
>>
>> I get the answer as a negative no. can anybody please tell me how
>> to fix this.
>
> Make at least one of your integers a LONG .
>
> a=200L*200

Or, in recent IDL versions, include a "compile_opt IDL2" or
"compile_opt DEFINT32" command at the start of each program unit. If
you put one in your startup file it sets the options for expressions
you type in at the command line.

--
Mark Hadfield   "Ka puwaha te tai nei, Hoea tatou"

m.hadfield@niwa.co.nz
National Institute for Water and Atmospheric Research (NIWA)

Subject: Re: Simple overflow error
Posted by Pavel A. Romashkin on Wed, 29 Jan 2003 17:33:16 GMT
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I get a feeling you don't really care what the data type is in this case.
Try
a = 200. * 200
Cheers,
Pavel

New2IDL wrote:
>
> HI,
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