Subject: 31000 + 3000 = -31536 (What is this!) Posted by hatay on Sun, 28 Jun 1992 17:34:38 GMT

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I am performing the operation above on my IRIS/INDIGO which has IDL. Version 2.2.2 (IRIX mipseb) installed. On my long journey to a debugging session I came to realize that the operation in the subject line has been the case!

I just enter

IdlMaster>print, 31000 + 3000 -31536

it is this simple. More strangely, I discovered that

print, 31000 + n

is a well behaving operation for n < 1767. For n > 1767 I get negative numbers. This situation is the same for numbers from 31000 to 32768.

print, 30999 + 1768 print, 32768 + 1768 are ok

but

print, 31000 + 1768 print, 32767 + 1768 are not o.k.

May be God does not want me to work overtime in the weekends? I don't believe hoki-poki and ultranatural stuff but I start to think that this is a sign, I should go into retailing or real estate in Florida and South America instead of loosing hair on front of the terminal. Can someone convince me to stay in science?

Ferhat