
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

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