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Subject: Re: print, long(1.0e10)  
Posted by [R.Bauer](#) on Tue, 10 Aug 1999 07:00:00 GMT  
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Gary Fu wrote:

```
> Hi,  
>  
> I got different results from the following example on SGI IRIX and PC  
> Linux:  
> a = 1.0e10  
> b = long(a)  
> print, b ; 2147483647 for IRIX, -2147483648 for Linux  
>
```

Results of WIN NT

```
IDL> a=1.0e10  
IDL> b = long(a)  
IDL> print, b  
1410065408
```

Results of AIX

```
IDL> a=1.0e10  
IDL> b=long(a)  
% Program caused arithmetic error: Floating illegal operand  
% Program caused arithmetic error: Conversion to integer error  
IDL> print,b  
2147483647
```

R.Bauer

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