

Re: Python syntax in Lisp and Scheme

Source: <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2003-10/0374.html>

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Gerrit Holl:

```
> a = 2
> a = 1 + 1
> a = math.sqrt(4)
> a = int((sys.maxint+1) ** (1/31))
>
> ...all mean the same thing.
```

Be careful with that. The first two return the integer 4, the third returns the floating point number 4.0 and the last returns 1 because 1/31 is 0 (unless you are using true division). Even if you use 1/31. you'll get a different value on a 32 bit machine vs. a 64 bit machine.

pedantically yours,

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