Re: Really basic problem

Source: http://coding.derkeiler.com/Archive/Python/comp.lang.python/2007−10/msg00967.html

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- *Date*: Mon, 08 Oct 2007 18:22:04 +0200

Zentrader wrote:

> You can use Python's decimal class if floating point arithmetic is not exact enough

This is a misleading statement. While it's true that decimal can be more precise in the sense that smaller fractions are representable, the underlying problem of certain values not being representable properly & leading to rounding errors still exists:

```
                    import decimal
                    d = decimal.Decimal
                    d("1") / d("3")

Decimal("0.33333333333333333333333333333")

                    otrd = d("1") / d("3")
                    otrd * 3

Decimal("0.99999999999999999999999999999")

                    otrd * d("3")

Decimal("0.99999999999999999999999999999")
```

Diez
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