
Subject: Re: random integers between 0 and 1,000,000
Posted by [Norbert Hahn](#) on Tue, 25 Oct 2005 09:17:47 GMT
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"James Kuyper" <kuyper@wizard.net> wrote:

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> Norbert Hahn wrote:
>> "James Kuyper" <kuyper@wizard.net> wrote:
>>
>>> takes a 32 bit unsigned long with a value somewhere in the range from 0
>>> to 1000000, and converts it into a 16 bit signed int, with a range from
>>> -32768 to 32767.
>>
>> I took a closer look on what might have gone on. I ran the following
>> program:
>>
>> z = randomu(seed,30)
>> a = long (z*1000000) & print, a
>> b = ulong (z*1000000) & print, b
>> i = fix(a)
>> print, a
>>
>> I found that a(1) was negative (-20848). So I printed
```

Sorry for the typo! The line should read
"I found that i(1) was negative (-20848). So I printed"
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The hex numbers given in my example were correct with leading zeroes omitted.

Norbert
