

# Re: Counting in Binary

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- *From:* Barry Schwarz <[schwarzb@xxxxxxxx](mailto:schwarzb@xxxxxxxx)>
  - *Date:* Mon, 18 Jun 2007 11:47:54 -0700
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On Sun, 17 Jun 2007 23:57:52 GMT, Alen <[None@xxxxxxxxxxxxxxxxxxxxx](mailto:None@xxxxxxxxxxxxxxxxxxxxx)> wrote:

Hi everyone;

I have an argument I'm trying to settle with a friend and I need your help.

Can you count in Binary? But please respond to this message using english – no numerals. Don't respond as 1, 10, 11 etc but type using english words.

What do you mean be count?

Are you asking if any decimal integer can be expressed as a binary integer? Yes. Same for the reverse.

Are you familiar with the concept that each digit in a decimal expression is the coefficient of a power of ten? The only difference in binary is that each digit is the coefficient of a power of 2.

Are you asking how to pronounce in binary the sequence we express in decimal as one, two three, ...? There are several different answers: one, two, three, ...; one, ten, eleven, ...; one, one-zero, one-one, ...; possibly others.

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