

Re: interview question on primes

Source: <http://sci.tech-archive.net/Archive/sci.math/2008-02/msg04296.html>

- *From:* "Mark Nudelman" <markn@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 26 Feb 2008 14:29:45 -0600
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quasi wrote:

On Mon, 25 Feb 2008 20:13:45 -0800, "1787" <nobody@xxxxxxxx> wrote:

"quasi" <quasi@xxxxxxxx> wrote in message
news:7ar6s39mvi8cgr09h9umkhjb1r7gjp419@xxxxxxxx

On Tue, 26 Feb 2008 12:28:27 +1100, "Peter Webb"
<webbfamily@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:

"Digital Puer"
<digital_puer@xxxxxxxx> wrote in
message
news:3bdc49e5-d202-491a-bde2-c7c31bee801f@xxxxxxxxxxxxxxxxxxxxxxxx
s.com...

Got this on a software
engineering interview
question:
given two integers A and B,
find all primes between
them.

I basically wrote an initial
function, bool isPrime(int i),
which
loops over all numbers
between 2 and sqrt(i) to see
if i%num ==

0, >>>> in which case the number is not a prime. With this function,
I then >>>> loop between A and B, calling isPrime() on each value.

Re: interview question on primes

Any better ideas?

The "correct" answer is heavily dependent on the range of values of A and B, and if this is all the question states, its a pretty poor question.

No, not really.

It's a real world question, not an academic one.

Moreover, the question was not a "take-home project". Presumably it was expected to be solved right then and there, at the inter