Question 22 on the Order Notation Questions:

T or F: All algorithms are $O(n^n)$

First, I'm assuming that this is actually $O(n^n)$
Second, I know that this means that 'All algorithms are better than or equal to $n^n$.

Now, I feel like you can do worse than $n^n$... $n^n(n^n)$ for example... but I have never heard of an algorithm that does anything worse. When I searched for any algorithms that do run slower than $n^n$, I came up with only some algorithms that deal with Tetration -> https://en.wikipedia.org/wiki/Tetration

So is the question true or false?

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Subject: Re: Slowest / Most Time Consuming Algorithms
Posted by lusth on Tue, 30 Aug 2016 10:49:04 GMT

Your browser is no rendering html5 math correctly. It is $n^n$.

'All' means just that (not just the best).