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Interview Cake Weekly Problem #245: The Stolen Breakfast Drone
1 message

Parker from Interview Cake <yourfriends@interviewcake.com>   Tue, May 28, 2019 at 5:00 PM
To: rishavghosh605@gmail.com

Time for this week's practice coding interview question!

The Stolen Breakfast Drone

This problem will be free for 2 weeks, then it'll go back to being available only in our full course.

Do the problem *this week* and we'll review it together next week :)

Let's review last week's question, **Compute nth Fibonacci Number**:

This one's a good illustration of the tradeoff we sometimes have between code cleanliness and efficiency.

We could use a cute, recursive function to solve the problem. But that would cost $O(2^n)$ time as opposed to $O(n)$ time in our final bottom-up solution. Massive difference!

In general, whenever you have a recursive solution to a problem, think about what's *actually happening on the call stack*. An iterative solution might be more efficient.

If you liked *last* week's problem, pass it along with this handy pre-populated tweet. (And here's one for *this* week's.)

Interview coming up? Check out our full coding interview prep course. There's a get-the-job-or-your-money-back guarantee, so it only costs money if it actually works.

As always, shoot me an email if there's anything I can help with.

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