



Kyle Lang <kyle.everett.lang@gmail.com>

Daily Coding Problem: Problem #9 [Hard]

1 message

Daily Coding Problem <founders@dailycodingproblem.com>

Tue, Aug 20, 2019 at 11:38 AM

To: kyle.everett.lang@gmail.com

**Daily Coding Problem**

Good morning! Here's your coding interview problem for today.

This problem was asked by Airbnb.

Given a list of integers, write a function that returns the largest sum of non-adjacent numbers. Numbers can be 0 or negative.

For example, [2, 4, 6, 2, 5] should return 13, since we pick 2, 6, and 5. [5, 1, 1, 5] should return 10, since we pick 5 and 5.

Follow-up: Can you do this in O(N) time and constant space?

Ready to interview? Apply to top tech companies and startups in seconds through [Talentvine](#), our exclusive candidate network!

[Upgrade to premium](#) and get in-depth solutions to every problem, including this one.

If you liked this problem, feel free to forward it along so they can [subscribe here](#)! As always, shoot us an email if there's anything we can help with!

No more? [Unsubscribe](#).

© 2019 Daily Coding Problem. All rights reserved.