

Given a list of integers, find the highest product you can get from three of the integers.

The input list_of_ints will always have at least three integers.

Gotchas

Does your function work with negative numbers? If list_of_ints is [-10, -10, 1, 3, 2] we should return 300 (which we get by taking -10 * -10 * 3).

We can do this in O(n) time and O(1) space.

Breakdown

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Solution

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Complexity

O(n) time and O(1) additional space.

Bonus

- 1. What if we wanted the highest product of 4 items?
- 2. What if we wanted the highest product of k items?
- 3. If our highest product is really big, it could overflow. How should we protect against this?

What We Learned

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