

152. Maximum Product Subarray

Solved

Medium Topics Companies

Given an integer array `nums`, find a

subarray that has the largest product, and return *the product*.

The test cases are generated so that the answer will fit in a **32-bit** integer.

Example 1:

Input: `nums = [2,3,-2,4]`

Output: 6

Explanation: `[2,3]` has the largest product 6.

Example 2:

Input: `nums = [-2,0,-1]`

Output: 0

Explanation: The result cannot be 2, because `[-2,-1]` is not a subarray.

Constraints:

- $1 \leq \text{nums.length} \leq 2 \times 10^4$
- $-10 \leq \text{nums}[i] \leq 10$
- The product of any subarray of `nums` is **guaranteed** to fit in a **32-bit** integer.

Seen this question in a real interview before? 1/5

Yes No

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