

152. Maximum Product Subarray

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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 <= nums.length <= 2 * 104`
- `-10 <= nums[i] <= 10`
- The product of any prefix or suffix of `nums` is **guaranteed** to fit in a **32-bit** integer.

Seen this question in a real interview before? 1/4

☒ Yes ☐ No

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