1464. Maximum Product of Two Elements in an Array

Hint

Easy 1.6K 186

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Given the array of integers `nums`, you will choose two different indices `i` and `j` of that array. *Return the maximum value of* `(nums[i]-1)*(nums[j]-1)`.

Example 1:

Input: nums = [3,4,5,2]
Output: 12
Explanation: If you choose the indices i=1 and j=2 (indexed from 0), you will get the maximum value, that is, (nums[1]-1)*(nums[2]-1) = (4-1)*(5-1) = 3*4 = 12.

Example 2:

Input: nums = [1,5,4,5]
Output: 16
Explanation: Choosing the indices i=1 and j=3 (indexed from 0), you will get the maximum value of (5-1)*(5-1) = 16.

Example 3:

Input: nums = [3,7]
Output: 12

Constraints:

- `2 <= nums.length <= 500`
- `1 <= nums[i] <= 10^3`

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

Yes No

Discussion (7)

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