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&lt;/&gt; Code

C++ Auto

```
1 class Solution {
2 public:
3     vector<int> productExceptSelf(
4
5     }
6 };
```

Saved

Testcase Test Result

## 238. Product of Array Except Self

Medium Topics Companies Hint

Given an integer array `nums`, return *an array* `answer` such that `answer[i]` is equal to the product of all the elements of `nums` except `nums[i]`.

The product of any prefix or suffix of `nums` is **guaranteed** to fit in a **32-bit** integer.

You must write an algorithm that runs in  $O(n)$  time and without using the division operation.

### Example 1:

**Input:** `nums = [1,2,3,4]`**Output:** `[24,12,8,6]`

### Example 2:

**Input:** `nums = [-1,1,0,-3,3]`**Output:** `[0,0,9,0,0]`

23.5K 396

269 Online