


238. Product of Array Except Self

Solved 

Medium

 Topics

 Companies

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]`

```
class Solution {
    func productExceptSelf(_ nums: [Int]) -> [Int] {

        var prefixmul = Array(repeating:1, count:nums.count)
        var suffixmul = Array(repeating:1, count:nums.count)

        for i in (1..
```