238. Product of Array Except Self

Medium

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.

Constraints:

2 <= nums.length <= 105
-30 <= nums[i] <= 30
The product of any prefix or suffix of nums is guaranteed to fit
in a 32-bit integer.</pre>

Example 1:

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

answer = [24, 12, 8, 6]

Example 1:

Example 2:

Input: nums = [1,2,3,4]

Input: nums = [-1,1,0,-3,3]

Output: [24,12,8,6]

Output: [0,0,9,0,0]

class Solution:



