

CP Problem Statement: 2

A Job Ready Bootcamp in C++, DSA and IOT

MySirG

2. Product of Array Except Self

Problem Statement

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]
```

Facing Issues 😞

If you are facing any issues, please reach out to us at adityachaudhary@ineuron.ai,
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