

Array - LeetCode

Two Sum - LeetCode

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leetcode.com/problems/two-sum/?envType=problem-list-v2&envId=array

Array < > 🔍

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Description Editorial Solutions Submissions

## 1. Two Sum

Easy Topics Companies Hint

Given an array of integers `nums` and an integer `target`, return indices of the two numbers such that they add up to `target`.

You may assume that each input would have **exactly one solution**, and you may not use the same element twice.

You can return the answer in any order.

Example 1:

Input: `nums = [2,7,11,15]`, `target = 9`  
Output: `[0,1]`  
Explanation: Because `nums[0] + nums[1] == 9`, we return `[0, 1]`.

Example 2:

Input: `nums = [3,2,4]`, `target = 6`  
Output: `[1,2]`

Example 3:

Input: `nums = [3,3]`, `target = 6`  
Output: `[0,1]`

Constraints:

- $2 \leq \text{nums.length} \leq 10^4$
- $-10^9 \leq \text{nums}[i] \leq 10^9$

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Java 🔒 Auto

```
1 class Solution {
2     public int[] twoSum(int[] nums, int target) {
3         for(int i=0;i<nums.length;i++){
4             for(int j=i+1;j<nums.length;j++){
5                 if(nums[j]==target-nums[i]){
6                     return new int[]{
7                         i,j
8                     };
9                 }
10            }
11        }
12        return new int[0];
13    }
14 }
```

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Testcase Test Result

Accepted Runtime: 0 ms

• Case 1 • Case 2 • Case 3

Input

nums =  
[2,7,11,15]

target =  
9

Output

[0,1]