# 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:**

51.5K 1.7K