

1. Two Sum

Difficulty: Easy

Description:

Given an array of integers `nums` and an integer `target`, return the 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.

Examples:

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]`

Explanation: Because `nums[1] + nums[2] == 6`, we return `[1, 2]`.

Example 3:

Input: `nums = [3, 3]`, `target = 6`

Output: `[0, 1]`

Explanation: Because `nums[0] + nums[1] == 6`, we return `[0, 1]`.