

Two Sum : <https://leetcode.com/problems/two-sum/>

```
class Solution {
    public int[] twoSum(int[] nums, int target)
    {

        HashMap<Integer, Integer> map = new HashMap<>();
        int[] result = new int[2];

        for (int i = 0; i < nums.length; i++) {
            int complement = target - nums[i];
            if (map.containsKey(complement)) {
                result[0] = map.get(complement);
                result[1] = i;
                return result;
            }
            map.put(nums[i], i);
        }
        // If no solution is found, return an empty array
        return new int[0];
    }
}
```

LeetCode

Problem List

Premium

0

Description Editorial Solutions (18.2K) Submissions

Accepted

Next question

2. Add Two Numbers

More challenges

15. 3Sum 18. 4Sum 167. Two Sum II - Input Array Is Sorted

All statuses All languages

Accepted a few seconds ago Java

Sakib Rahman Apr 12, 2023 23:40

Details + Solution

Java

Runtime 2 ms Beats 81.82% Memory 43.1 MB Beats 19.16%

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Notes

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Console Run Submit