

Two Sum

Try to solve the Two Sum problem.

We'll cover the following
Statement
Examples
Understand the problem
Try it yourself

Statement

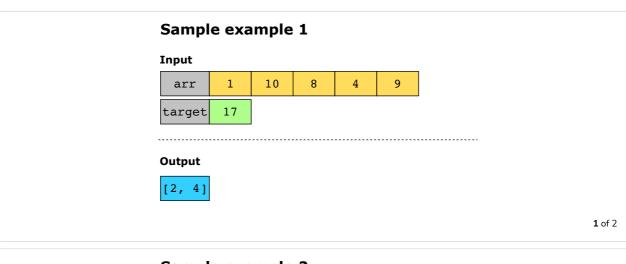
For the given array of integers arr and a target t, you have to identify the two indices that add up to generate the target t. Moreover, you can't use the same index twice, and there will be only one solution.

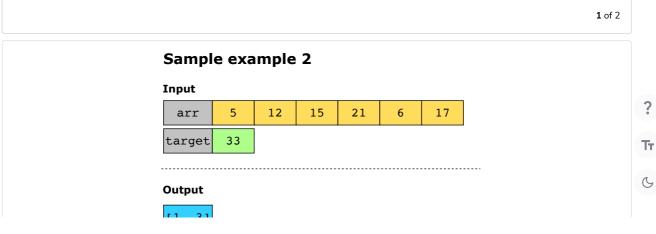
Note: The order of output doesn't matter.

Constraints:

- $2 \leq {\sf arr.length} \leq 10^4$
- $-10^9 \le \operatorname{arr[i]} \le 10^9$
- $-10^9 \le t \le 10^9$
- Only one valid answer exists.

Examples



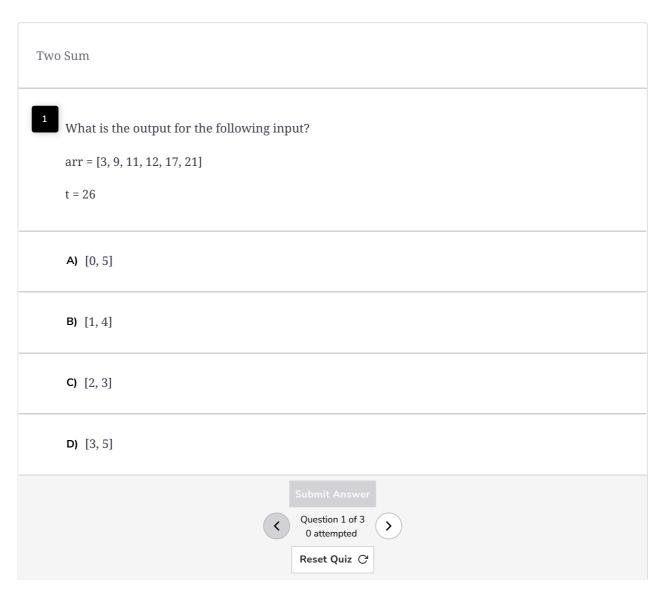


2 of 2



Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:



Try it yourself

 \equiv

Implement your solution in the following coding playground:

```
Java

usercode > Solution.java

import java.util.*;

public class Solution{

public static int[] twoSum(int[] arr, int t) {

// Your code will replace this placeholder return statement

return new int[] {}

return new int[] {}

...
```

