

Intern python test

Information to know

How to pass

Please **send an email** to share your solution. If passed, you will be invited for next interview

Next step

You will have to **present and explain** your code during the follow up interview with the tech lead

Tests

Test1

Given two strings **needle** and **haystack**, return the index of the first occurrence of **needle** in **haystack**, or -1 if **needle** is not part of **haystack**.

Example 1:

```
Input: haystack = "hello", needle = "ll"  
Output: 2
```

Example 2:

```
Input: haystack = "aaaaa", needle = "bba"  
Output: -1
```

Test2

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]
```