Given an array of integers, return **indices** of the two numbers such that they add up to a specific target.

You may assume that each input would have ***exactly*** one solution, and you may not use the *same* element twice.

**Example:**

Given nums = [2, 7, 11, 15], target = 9,

Because nums[**0**] + nums[**1**] = 2 + 7 = 9,

return [**0**, **1**].

**Possible Solutions:**

**# Hashtable using one pass**

**d={}**

**for i in range(len(nums)):**

**diff=target-nums[i]**

**if diff in d:**

**print("hello")**

**return d[diff],i**

**else:**

**print("hey")**

**d[nums[i]]=i**

**# Hashtable using two pass (idea)**

**# d={}**

**# for i in range(len(nums)):**

**# diff=target-nums[i]**

**# d[diff]=i**

**# for j in range(len(nums)):**

**# ans=target-nums[j]**

**# if ans in d:**

**# return j,d[ans]**

**# Bruteforce**

**# for i in range(len(nums)):**

**# for j in range(len(nums)):**

**# if nums[j]==target-nums[i] and j!=i:**

**# return i,j**