**TWO SUM**

**Hash Problem**

**QUESTION:** [Two Sum - LeetCode](https://leetcode.com/problems/two-sum/)

**ANSWER:**

class Solution:

def twoSum(self, nums: List[int], target: int) -> List[int]:

dic = {}

for i in range(len(nums)):

diff = target - nums[i]

if diff in dic:

return [dic[diff], i]

else:

dic[nums[i]] = i

**EXPLANATION:**

https://www.youtube.com/watch?v=luicuNOBTAI&t=247s&ab\_channel=AlgoEngine