class Solution:

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

hashmap = {}

for i in range(len(nums)):

hashmap[nums[i]] = i

for i in range(len(nums)):

complement = target - nums[i]

if complement in hashmap and hashmap[complement] != i:

return [i, hashmap[complement]]

# If no valid pair is found, return an empty list

return []