Problem #3146. Permutation Difference Between Two Strings (Easy)

<https://leetcode.com/problems/permutation-difference-between-two-strings/description/>

My Solution:

1. Initialize a dictionary s\_dict to store the letters in s as keys and their respective indexes as value.
2. Iterate through s and store the indexes and the letters in s as key value pair.
3. Initialize total to 0.
4. Iterate through t and get the absolute difference of the index of each character in t with index of the same character in s by looking up s\_dict. Add the absolute difference to total.
5. Return total

class Solution:

def findPermutationDifference(self, s: str, t: str) -> int:

s\_dict = {}

for i, letter in enumerate(s):

s\_dict[letter] = i

total = 0

for idx, char in enumerate(t):

total += abs(idx - s\_dict[char])

return total