

# Problem 3110: Score of a String

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 91.49%

**Paid Only:** No

**Tags:** String

## Problem Description

You are given a string `s`. The **score** of a string is defined as the sum of the absolute difference between the **ASCII** values of adjacent characters.

Return the **score** of `s`.

**Example 1.**

**Input:** `s = "hello"`

**Output:** 13

**Explanation:**

The **ASCII** values of the characters in `s` are: `'h' = 104`, `'e' = 101`, `'l' = 108`, `'o' = 111`. So, the score of `s` would be  $|104 - 101| + |101 - 108| + |108 - 108| + |108 - 111| = 3 + 7 + 0 + 3 = 13$ .

**Example 2.**

**Input:** `s = "zaz"`

**Output:** 50

**Explanation:**

The **ASCII** values of the characters in `s` are: `z` = 122, `a` = 97. So, the score of `s` would be  $|122 - 97| + |97 - 122| = 25 + 25 = 50$ .

**Constraints:**

$2 \leq s.length \leq 100$  \* `s` consists only of lowercase English letters.

## Code Snippets

**C++:**

```
class Solution {
public:
    int scoreOfString(string s) {

    }
};
```

**Java:**

```
class Solution {
    public int scoreOfString(String s) {

    }
}
```

**Python3:**

```
class Solution:
    def scoreOfString(self, s: str) -> int:
```