

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 <= s.length <= 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:
```