

5840. Minimum Number of Swaps to Make the String Balanced

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You are given a **0-indexed** string s of **even** length n . The string consists of **exactly** $n / 2$ opening brackets '[' and $n / 2$ closing brackets ']'.

A string is called **balanced** if and only if:

- It is the empty string, or
- It can be written as AB , where both A and B are **balanced** strings, or
- It can be written as $[C]$, where C is a **balanced** string.

You may swap the brackets at **any** two indices **any** number of times.

Return the **minimum** number of swaps to make s **balanced**.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

Input: $s = "][]["$

Output: 1

Explanation: You can make the string balanced by swapping index 0 with index 3. The resulting string is "[[]]".

Example 2:

Input: $s = "]]][[["$

Output: 2

Explanation: You can do the following to make the string balanced:

– Swap index 0 with index 4. $s = "[[]][["$.

– Swap index 1 with index 5. $s = "[[]][]"$.

The resulting string is "[[]][]".

Example 3:

Input: $s = "[]"$

Output: 0

Explanation: The string is already balanced.

Constraints:

- $n == s.length$
- $2 \leq n \leq 10^6$
- n is even.
- $s[i]$ is either '[' or ']'.
- The number of opening brackets '[' equals $n / 2$, and the number of closing brackets ']' equals $n / 2$.

JavaScript



```
1 /**
2  * @param {string} s
3  * @return {number}
4  */
5 var minSwaps = function(s) {
```