The **beauty** of a string is the difference in frequencies between the most frequent and least frequent characters.

* For example, the beauty of "abaacc" is 3 - 1 = 2.

Given a string s, return *the sum of****beauty****of all of its substrings.*

**Example 1:**

**Input:** s = "aabcb"

**Output:** 5

**Explanation:** The substrings with non-zero beauty are ["aab","aabc","aabcb","abcb","bcb"], each with beauty equal to 1.

**Example 2:**

**Input:** s = "aabcbaa"

**Output:** 17

**Constraints:**

* 1 <= s.length <=500
* s consists of only lowercase English letters.