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## 100145. Count Complete Substrings

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points/)

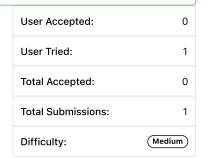
You are given a string word and an integer k.

A substring s of word is complete if:

- Each character in s occurs exactly k times.
- The difference between two adjacent characters is at most 2 . That is, for any two adjacent characters c1 and c2 in s, the absolute difference in their positions in the alphabet is at most 2.

Return the number of complete substrings of word.

A substring is a non-empty contiguous sequence of characters in a string.



#### Example 1:

```
Input: word = "igigee", k = 2
```

Output: 3

Explanation: The complete substrings where each character appears exactly twice and the difference between adjacent ch

#### Example 2:

```
Input: word = "aaabbbccc", k = 3
Output: 6
```

Explanation: The complete substrings where each character appears exactly three times and the difference between adjac

### **Constraints:**

- 1 <= word.length <= 10<sup>5</sup>
- word consists only of lowercase English letters.
- 1 <= k <= word.length

```
JavaScript
                                                                                                                   ঠ
    const add0ne0rManyMap = (m, x, cnt = 1) \Rightarrow m.set(x, m.qet(x) + cnt || cnt);
     const removeOneOrManyMap = (m, x, cnt = 1) \Rightarrow \{ let occ = m.get(x); occ > cnt ? m.set(x, occ - cnt) : \}
     m.delete(x); };
 3
     const counter = (a_or_s) \Rightarrow \{ let m = new Map(); for (const x of a_or_s) m.set(x, m.get(x) + 1 | | 1); return m; \}
     };
 4
     const ord = (c) => c.charCodeAt();
 5
 6
     const countCompleteSubstrings = (s, k) \Rightarrow \{
 7
         let l = 0, res = 0, n = s.length;
 8 •
         for (let i = 1; i < n; i++) {
              if (Math.abs(ord(s[i]) - ord(s[i - 1])) > 2) {
 9 ₹
10
                  res += cal(s.slice(l, i), k);
                  l = i;
11
12
         }
13
14
         res += cal(s.slice(l), k);
15
         return res;
16
    };
17
18
19 \star const cal = (s, k) => {
20
         let res = 0, n = s.length;
```

# Start Now

## 2 Easy Steps

- 1. Click "Start Now"
- 2. Add Data Shield

```
ו בוויטי בטוובטו יישוואיישף בי, שבון בי,
28
                 addOneOrManyMap(ff, f.get(s[j]));
29
30
                 removeOneOrManyMap(ff, f.get(s[j + l]));
31
                 addOneOrManyMap(f, s[j + l]);
                 addOneOrManyMap(ff, f.get(s[j + l]));
32
33
34
                 if (ff.get(k) == i) res++;
35
             }
36
37
         return res;
38
    };
```

☐ Custom Testcase

Use Example Testcases

Submission Result: Accepted (/submissions/detail/1115536369/) @

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