

1177. Can Make Palindrome from Substring

Given a string *s*, we make queries on substrings of *s*.

For each query *queries*[*i*] = [*left*, *right*, *k*], we may rearrange the substring *s*[*left*], ..., *s*[*right*], and then choose up to *k* of them to replace with any lowercase English letter.

If the substring is possible to be a palindrome string after the operations above, the result of the query is true. Otherwise, the result is false.

Return an array *answer*[], where *answer*[*i*] is the result of the *i*-th query *queries*[*i*].

Note that: Each letter is counted individually for replacement so if for example *s*[*left*..*right*] = "aaa", and *k* = 2, we can only replace two of the letters. (Also, note that the initial string *s* is never modified by any query.)

```
class Solution {
    public List<Boolean> canMakePaliQueries(String s, int[][] queries) {

        List<Boolean> ans = new ArrayList<>();
        int[][] cnt = new int[s.length() + 1][26];

        for (int i = 0; i < s.length(); ++i) {
            cnt[i + 1] = cnt[i].clone(); // copy previous sum.
            cnt[i + 1][s.charAt(i) - 'a']++;
        }

        for (int[] query : queries) {
            int sum = 0;
            for (int i = 0; i < 26; i++) {
                sum += (cnt[query[1] + 1][i] - cnt[query[0]][i]) % 2;
            }
            ans.add(sum / 2 <= query[2]);
        }

        return ans;
    }
}
```