5469. Can Convert String in K Moves

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Given two strings `s` and `t`, your goal is to convert `s` into `t` in `k` moves or less.

During the `i`th (`1 <= i <= k`) move you can:

- Choose any index `j` (1-indexed) from `s`, such that `1 <= j <= s.length` and `j` has not been chosen in any previous move, and shift the character at that index `i` times.
- Do nothing.

Shifting a character means replacing it by the next letter in the alphabet (wrapping around so that `'z'` becomes `'a'`). Shifting a character by `i` means applying the shift operations `i` times.

Remember that any index `j` can be picked at most once.

Return `true` if it's possible to convert `s` into `t` in no more than `k` moves, otherwise return `false`.

User Accepted:	1459
User Tried:	2464
Total Accepted:	1466
Total Submissions:	6112
Difficulty:	Medium

Example 1:

```
Input: s = "input", t = "ouput", k = 9
Output: true
Explanation: In the 6th move, we shift 'i' 6 times to get 'o'. And in the 7th move we shif
```

Example 2:

```
Input: s = "abc", t = "bcd", k = 10
Output: false
Explanation: We need to shift each character in s one time to convert it into t. We can sh
```

Example 3:

```
Input: s = "aab", t = "bbb", k = 27
Output: true
Explanation: In the 1st move, we shift the first 'a' 1 time to get 'b'. In the 27th move,
```

Constraints:

- `1 <= s.length, t.length <= 10^5`

- `0 <= k <= 10^9`
- `s`, `t` contain only lowercase English letters.

JavaScript ▾

```
1 ▾ /**
2    * @param {string} s
3    * @param {string} t
4    * @param {number} k
5    * @return {boolean}
6    */
7 ▾ var canConvertString = function(s, t, k) {
8
9   };
```

☐ **Custom Testcase**   (Use Example Testcases)

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