

You are given two strings `s` and `t`.

String `t` is generated by random shuffling string `s` and then add one more letter at a random position.

Return the letter that was added to `t`.

Example 1:

Input: `s = "abcd", t = "abcde"`

Output: `"e"`

Explanation: 'e' is the letter that was added.

Example 2:

Input: `s = "", t = "y"`

Output: `"y"`

Example 3:

Input: `s = "a", t = "aa"`

Output: `"a"`

Example 4:

Input: `s = "ae", t = "aea"`

Output: `"a"`

Constraints:

- `0 <= s.length <= 1000`
- `t.length == s.length + 1`
- `s` and `t` consist of lower-case English letters.