


796. Rotate String

Solved 

Easy

Topics

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Given two strings `s` and `goal`, return `true` if and only if `s` can become `goal` after some number of **shifts** on `s`.

A **shift** on `s` consists of moving the leftmost character of `s` to the rightmost position.

- For example, if `s = "abcde"`, then it will be `"bcdea"` after one shift.

Example 1:

Input: `s = "abcde"`, `goal = "cdeab"`

Output: `true`

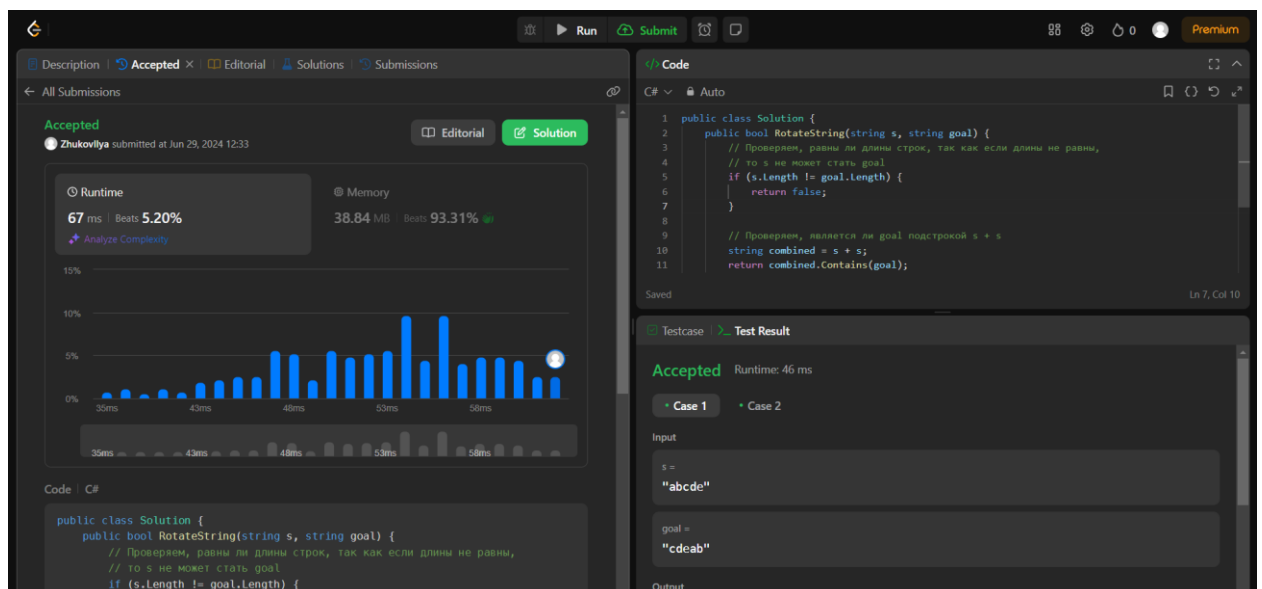
Example 2:

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

Output: `false`

Constraints:

- `1 <= s.length, goal.length <= 100`
- `s` and `goal` consist of lowercase English letters.



The screenshot displays a code editor interface for a C# solution. The top bar shows 'Run', 'Submit', and 'Premium' buttons. The left sidebar indicates the solution is 'Accepted' and shows submission details for 'ZhukovIlya' submitted at Jun 29, 2024 12:33. The main area shows the C# code for the 'RotateString' method. The code checks if the lengths of 's' and 'goal' are equal. If not, it returns false. If they are equal, it concatenates 's' with itself and checks if 'goal' is a substring of the result. The right sidebar shows the 'Test Result' for 'Case 1' and 'Case 2', both of which are 'Accepted'.

```
public class Solution {
    public bool RotateString(string s, string goal) {
        // Проверяем, равны ли длины строк, так как если длины не равны,
        // то s не может стать goal
        if (s.Length != goal.Length) {
            return false;
        }

        // Проверяем, является ли goal подстрокой s + s
        string combined = s + s;
        return combined.Contains(goal);
    }
}
```

Код:

```
public class Solution
{
    public bool RotateString(string s, string goal)
    {
        // Проверяем, равны ли длины строк, так как если длины не равны,
        // то s не может стать goal
        if (s.Length != goal.Length)
        {
```

```
        return false;
    }

    // Проверяем, является ли goal подстрокой s + s
    string combined = s + s;
    return combined.Contains(goal);
}
}
```