

Experiment 2

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Aim:

Strings

Problem 1: Rotate String

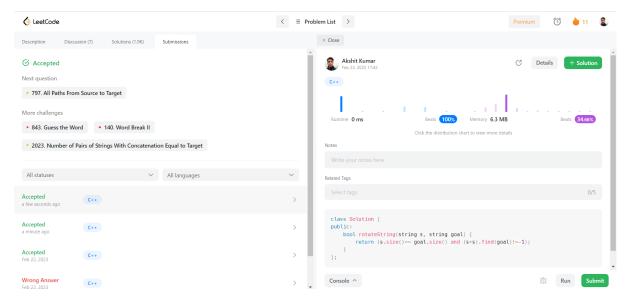
Given two strings s and goal, return true if and only if s can become goal after some number of shifts on s.

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.

Code:

```
class Solution {
public:
    bool rotateString(string s, string goal) {
       return (s.size()== goal.size() and (s+s).find(goal)!=-1);
    }
};
```



Problem 2: Find the Index of the First Occurrence in a String

Given two strings needle and a haystack, return the index of the first occurrence of a needle in a haystack, or -1 if the needle is not part of the haystack.

Code:

```
return windowStart;
}

}

return -1;
}
```

Output:

