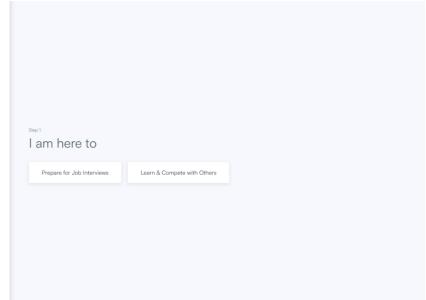
## **HackerRank**

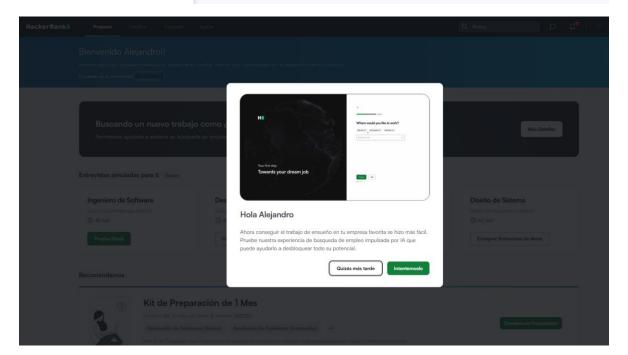
## Hey, Alejandro

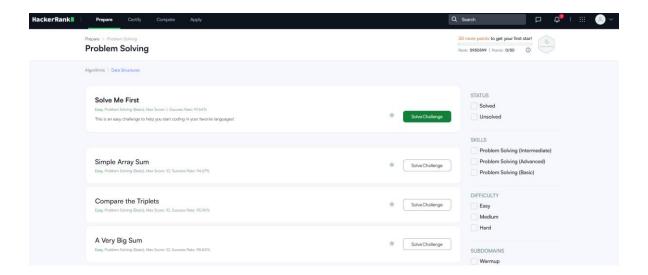
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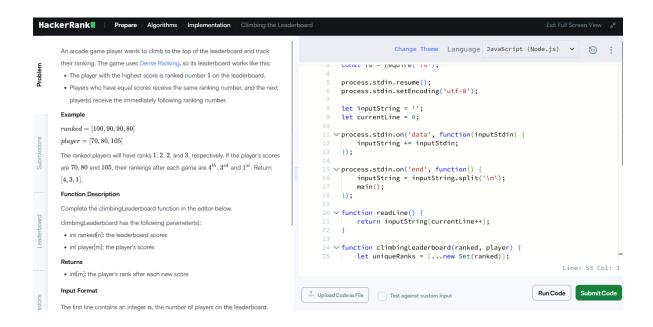




## 30 more points to get your first star!

Rank: 5930599 | Points: 0/30

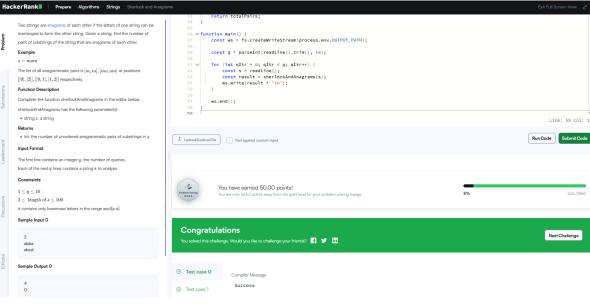




```
Change Theme Language JavaScript (Node.js) v 👸 🚦
       The Utopian Tree goes through 2 cycles of growth every year. Each spring, it
      doubles in height. Each summer, its height increases by 1 meter.
                                                                                              'use strict';
      A Utopian Tree sapling with a height of 1 meter is planted at the onset of spring.
                                                                                             process.stdin.resume();
process.stdin.setEncoding('utf-8');
      How tall will the tree be after n growth cycles?
      For example, if the number of growth cycles is n=5, the calculations are as
                                                                                              let inputString = '';
                                                                                              let currentLine = 0;
          Period Height
                                                                                            v process.stdin.on('data', function(inputStdin) {
                                                                                                   inputString += inputStdin;
                                                                                              1):
                                                                                           vprocess.stdin.on('end', function() {
   inputString = inputString.split('\n');
                                                                                                  main();
      Function Description
                                                                                         18 V function readLine() {
19     return inputString[currentLine++];
      Complete the utopianTree function in the editor below.
      utopianTree has the following parameter(s):
                                                                                        22 ∨ function utopianTree(n) {
       . int n: the number of growth cycles to simulate
                                                                                                                                                                   Line: 43 Col: 1
      Returns
       • int: the height of the tree after the given number of cycles
                                                                                                                                                          Run Code Submit Code
                                                                                  1 UploadCode as File Test against custom input
       Input Format
```

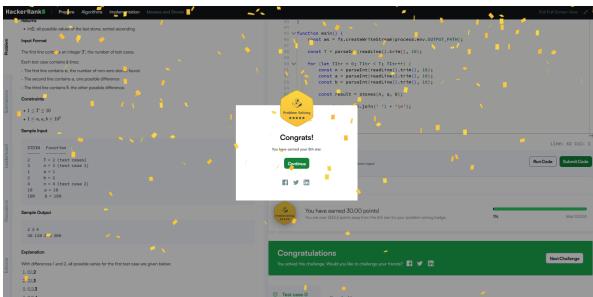
```
1 'use strict';
    const fs = require('fs');
5
    process.stdin.resume();
   process.stdin.setEncoding('utf-8');
8 let inputString = '';
9 let currentLine = θ;
10
11 Vprocess.stdin.on('data', function (inputStdin) {
12 inputString += inputStdin;
13 });
14
15 \process.stdin.on('end', function () {
       inputString = inputString.split('\n');
       main();
18 });
19
20 Vfunction readLine() {
      return inputString[currentLine++];
24 V function sherlockAndAnagrams(s) {
        let substrCount = new Map();
26
        let totalPairs = Θ;
28 V
        for (let start = 0; start < s.length; start++) {
29 🗸
            for (let end = start; end < s.length; end++) {
                let subStr = s.substring(start, end + 1);
                let sortedSubStr = subStr.split('').sort().join('');
                substrCount.set(sortedSubStr, (substrCount.get(sortedSubStr) || 0) + 1);
3.4
36
37 V
        for (let count of substrCount.values()) {
```

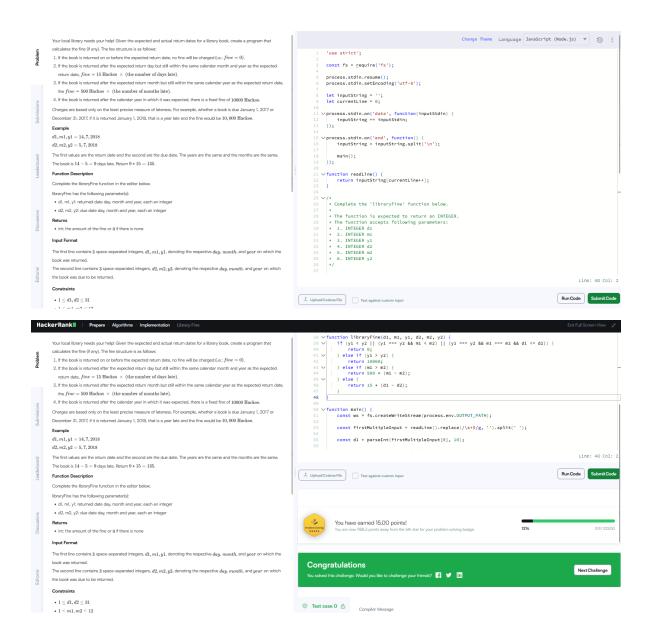
```
37 V
       for (let count of substrCount.values()) {
38 🗸
           if (count > 1) {
                totalPairs += (count * (count - 1)) / 2;
41
42
43
        return totalPairs;
44
45
46 ∨function main() {
47
        const ws = fs.createWriteStream(process.env.OUTPUT_PATH);
48
49
        const q = parseInt(readLine().trim(), 10);
        for (let qItr = 0; qItr < q; qItr++) {
51 V
           const s = readLine();
            const result = sherlockAndAnagrams(s);
54
            ws.write(result + '\n');
```

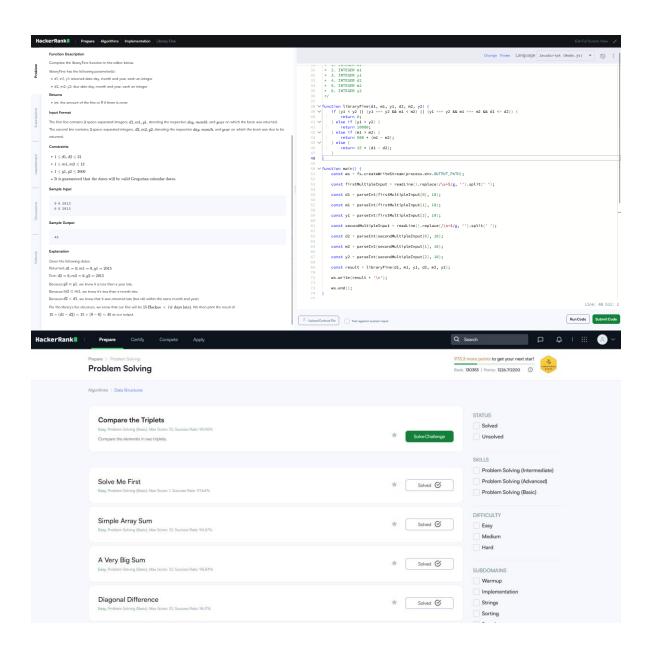












973.3 more points to get your next star!



