
 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 3	Name : VEDANT BHARAD	
Day : 46	Date : 02/12/2022	Enrollment No: 92100133023

CP Club 365Days Challenge

Date – 02/12/2022
Programming language – C++

Problem Statement

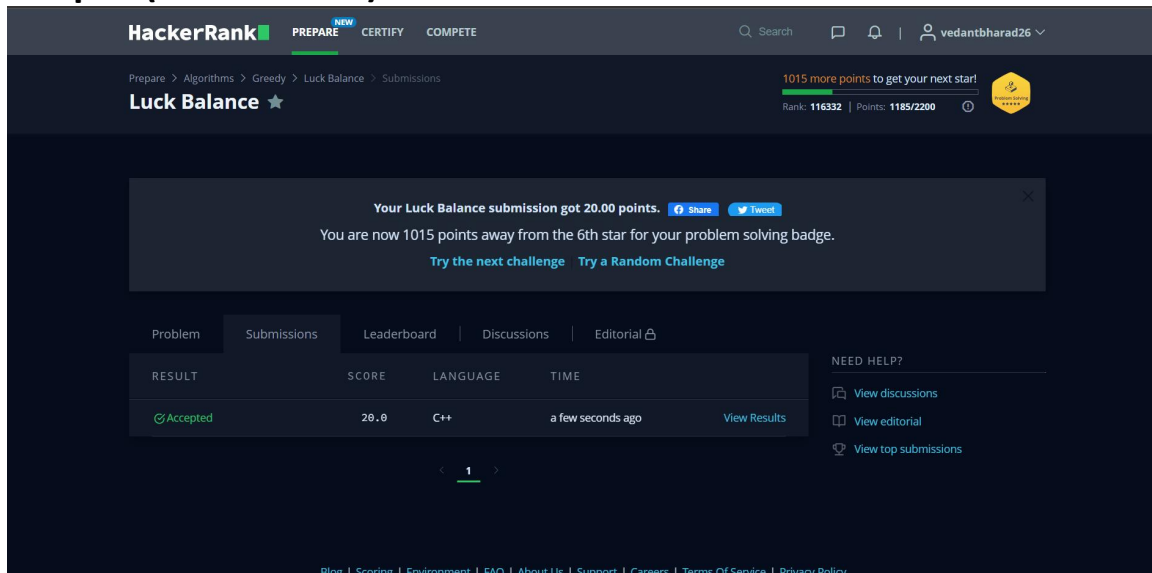
<https://www.hackerrank.com/challenges/luck-balance/problem?isFullScreen=true>

 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 3	Name : VEDANT BHARAD	
Day : 46	Date : 02/12/2022	Enrollment No: 92100133023


Your Code:

```
// 0x46Day of 0x365Days challenge
// VEDANT BHARAD
// 02-12-2022
#include <bits/stdc++.h>
using namespace std;
int main() {
    int n, k;
    cin >> n >> k;
    int ans = 0;
    vector<int> a;
    for (int i = 0; i < n; i++) {
        int x, tp;
        cin >> x >> tp;
        if (tp == 0) { // if the importance is 0 then direct add the luck to ans
            ans += x;
        }
        else {
            a.push_back(x);
        }
    }
    sort(a.begin(), a.end() );
    reverse(a.begin(), a.end() );
    for (int i = 0; i < min((int)a.size(), k); i++) {
        ans += a[i];
    }
    for (int i = k; i < a.size(); i++) {
        ans -= a[i];
    }
    cout << ans << endl;
    return 0;
}
```

Output (Screen Shot):



The screenshot shows the HackerRank interface for the 'Luck Balance' problem. At the top, the user's profile 'vedantbharad26' is visible. A notification banner states: 'Your Luck Balance submission got 20.00 points. You are now 1015 points away from the 6th star for your problem solving badge.' Below this, the submission table shows a single entry: 'Accepted' with a score of '20.0', language 'C++', and time 'a few seconds ago'. The page also includes navigation tabs for 'Problem', 'Submissions', 'Leaderboard', 'Discussions', and 'Editorial'. A 'NEED HELP?' section on the right offers links to 'View discussions', 'View editorial', and 'View top submissions'.

 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 3	Name : VEDANT BHARAD	
Day : 46	Date : 02/12/2022	Enrollment No: 92100133023

Understanding about problem:

1. In this task there are three input first is length of array second is k value and at last array it self
2. in this task first I need to sort an array and then also convert in reverse it then from 0 to min value of array length and k in need to sum all value of array and then from kth value to length of array I need to subtract the value of array from that sum.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST
Team CP Club