 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 4	Name : VEDANT BHARAD	
Day : 117	Date : 11/2/2023	Enrollment No: 92100133023


CP Club 365 Days Challenge

Programming language – C++

Problem Statement

<https://www.codechef.com/problems/COKE>


Git :- https://github.com/Vedantbharad2603/CP_club_365_Days

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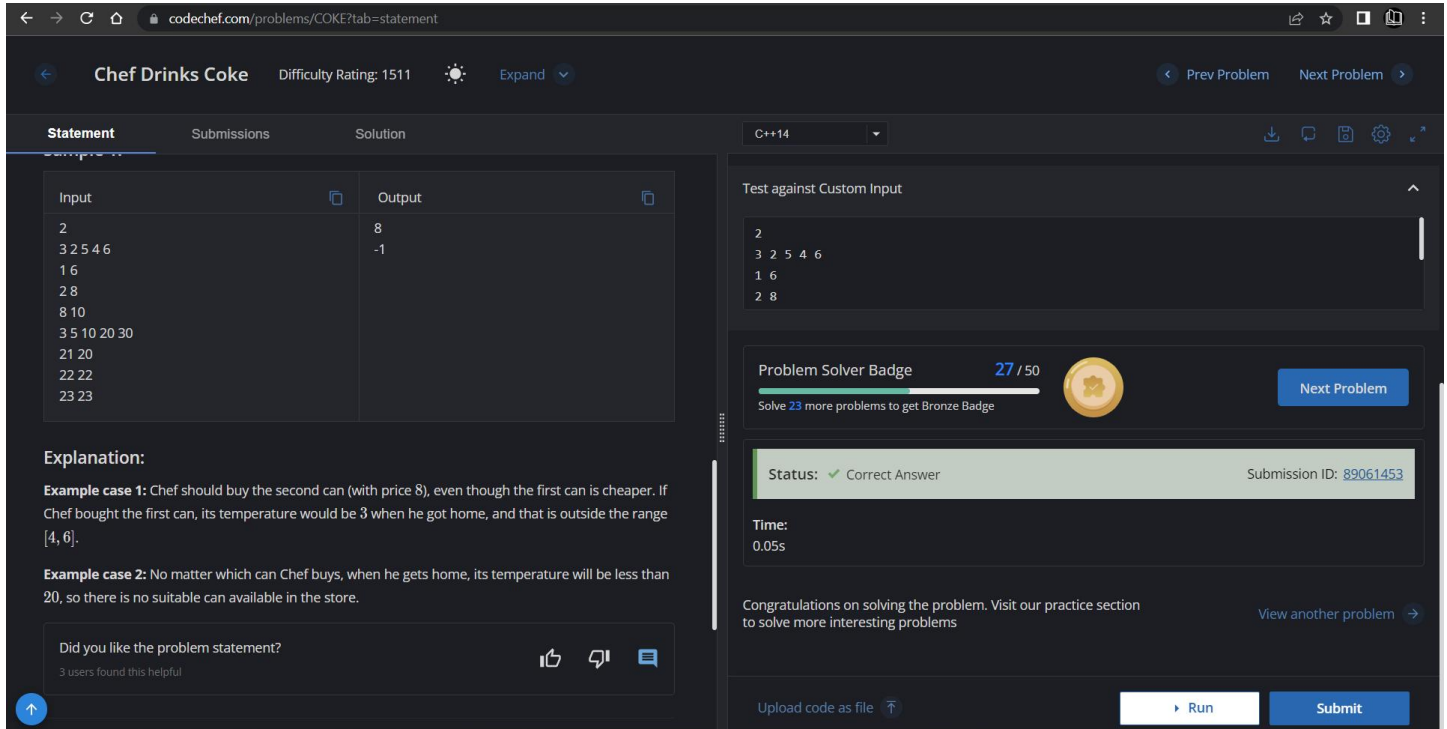
Your Code:

```
// 0x117Day of 0x365Days challenge
// VEDANT BHARAD
// 11-2-2023
#include<bits/stdc++.h>
using namespace std;

int main() {
    // your code goes here
    int t;
    cin>>t;
    while(t--){
        int n,m,k,l,r,f=0;
        cin>>n>>m>>k>>l>>r;
        vector<int> ved;
        for(int i=0;i<n;i++){
            int c,p;
            cin>>c>>p;
            for(int j=0;j<m;j++){
                if(c>k+1){
                    c=c-1;
                }
                else if(c<k-1){
                    c=c+1;
                }
                else if(c>=k-1 || c<=k+1){
                    c=k;
                }
            }
            if(c>=l and c<=r){
                ved.push_back(p);
                f=1;
            }
        }
        if(f!=0){
            sort(ved.begin(),ved.end());
            cout<<ved[0]<<endl;
        }
        else{
            cout<<"-1"<<endl;
        }
    }
    return 0;
}
```

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Output (Screen Shot):



The screenshot shows the CodeChef problem page for "Chef Drinks Coke". The problem statement is on the left, and the right side shows the submission details. The submission was successful, with a status of "Correct Answer" and a submission ID of 89061453. The time taken was 0.05s. The problem solver badge shows 27/50 solved problems.

Understanding about problem:

- In this task I need to return price of Coke, which coke's price is less and its temperature is also less so he can go home and temperature will be in given range

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