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|  Marwadi University | Marwadi University Faculty of Technology Department of Information and Communication Technology | |
| Sem : 4 | Name : VEDANT BHARAD | |
| Day : 102 | Date : 27/01/2023 | Enrollment No: 92100133023 |


CP Club 365 Days Challenge

Programming language – C++

Problem Statement

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

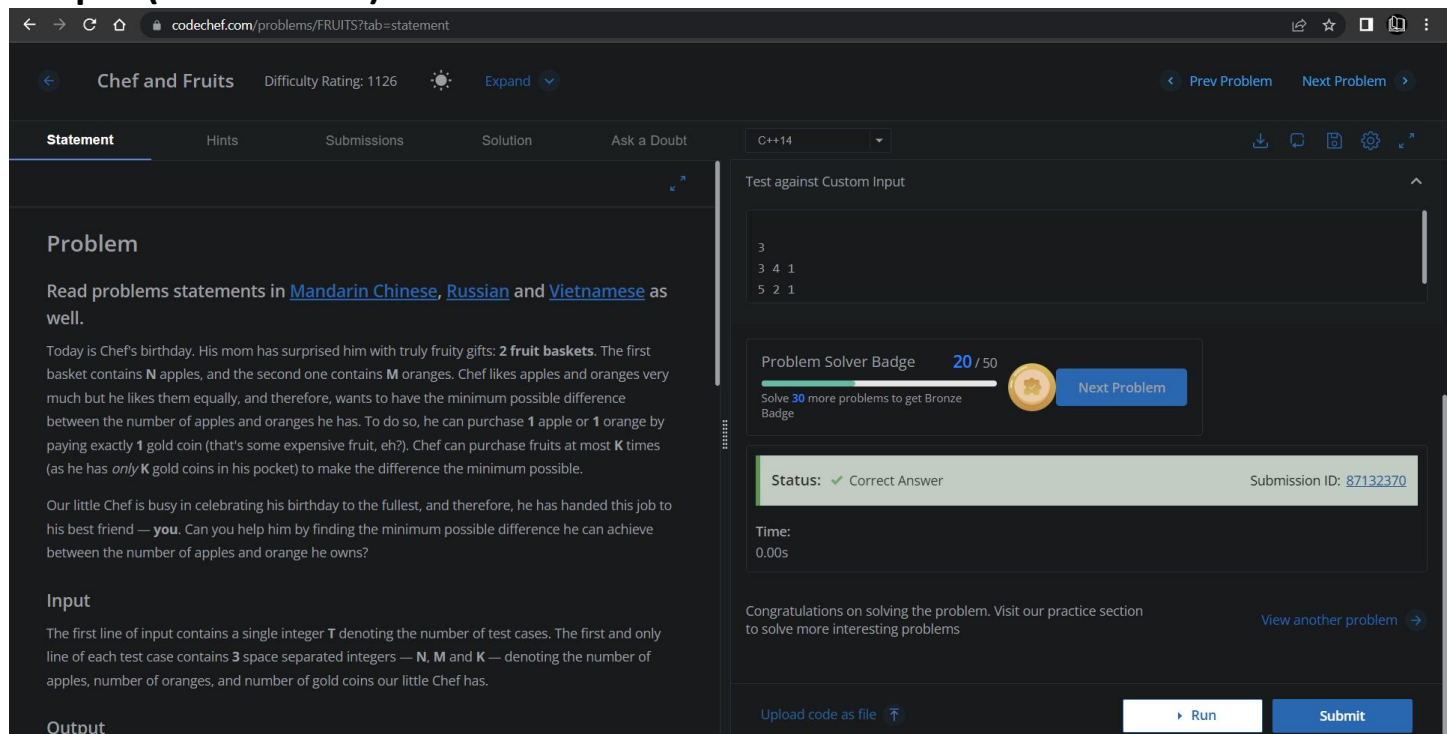
Git :- https://github.com/Vedantbharad2603/CP_club_365_Days

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Your Code:


```
// 0x102Day of 0x365Days challenge
// VEDANT BHARAD
// 27-1-2023
#include <bits/stdc++.h>
using namespace std;
int main(){
    int t;
    cin>>t;
    while(t--){
        int n,m,k;
        cin>>n>>m>>k;
        int diff=abs(n-m);
        if(diff<=k)
            cout<<"0"<<endl;
        else
            cout<<diff-k<<endl;
    }
}
```

Output (Screen Shot):



The screenshot shows the CodeChef interface for the problem "Chef and Fruits". The problem statement describes a scenario where Chef has two baskets of fruit (apples and oranges) and wants to minimize the difference between the number of apples and oranges by purchasing or selling fruit, with a constraint on the number of gold coins. The input consists of the number of test cases, followed by the number of apples, oranges, and gold coins for each test case. The output is the minimum possible difference for each test case.

The submission results show that the solution was correct, with a status of "Correct Answer". The submission ID is 87132370, and the time taken was 0.00s. The problem solver badge shows 20/50 problems solved, with a goal of 30 more problems to get a Bronze Badge.

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Understanding about problem:

- In this task I need to make “n” and “m” nearly same so that the difference will be less and to make that I have k value to add where I need and at last return difference.

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