 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 4	Name : VEDANT BHARAD	
Day : 111	Date : 5/2/2023	Enrollment No: 92100133023


CP Club 365 Days Challenge

Programming language – C++

Problem Statement

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

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

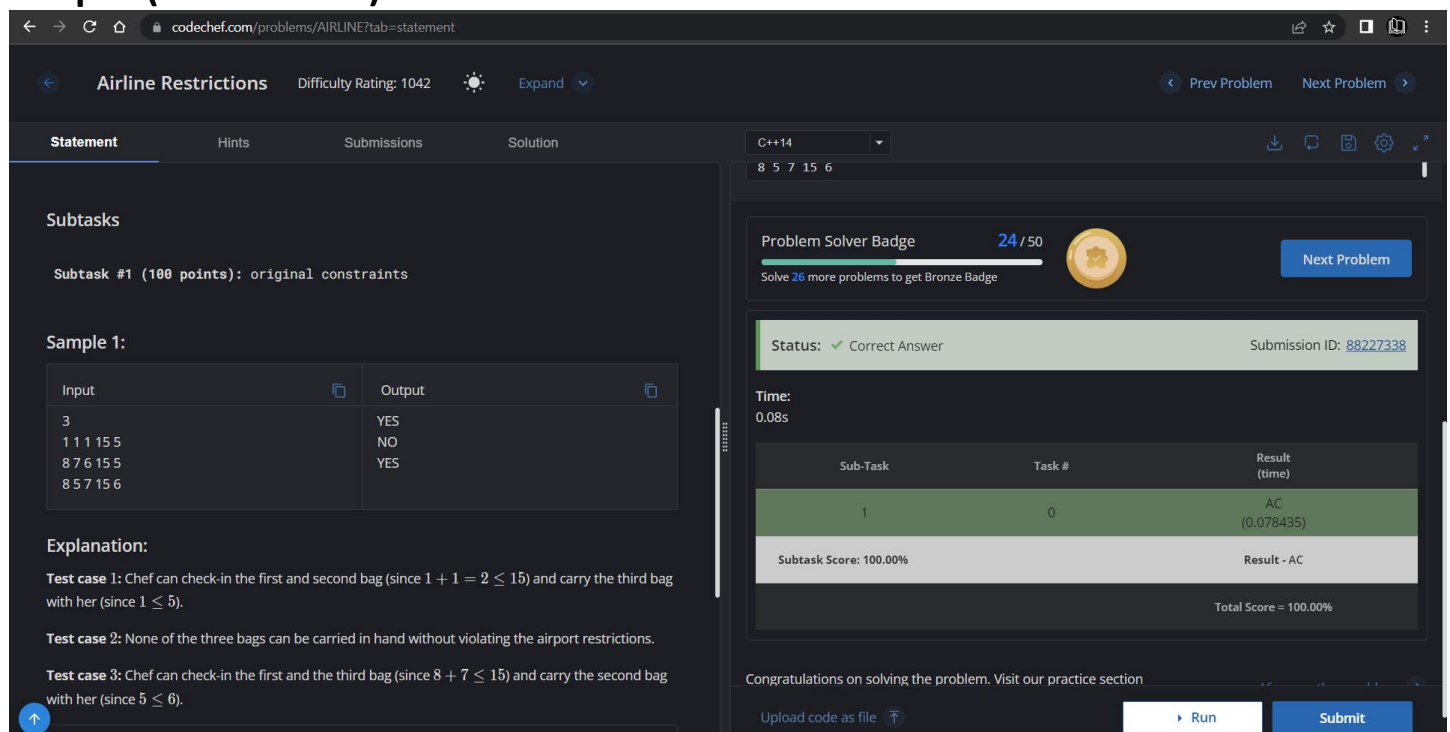
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Your Code:

```
// 0x111Day of 0x365Days challenge
// VEDANT BHARAD
// 5-2-2023
#include <iostream>
using namespace std;

int main() {
    int t;
    cin>>t;
    while(t--){
        int a,b,c,d,e;
        cin>>a>>b>>c>>d>>e;
        int temp1=a+b;
        int temp2=b+c;
        int temp3=c+a;
        if((temp1<=d && c<=e) || (temp2<=d && a<=e) || (temp3<=d && b<=e)){
            cout << "YES" << endl;
        }
        else{
            cout << "NO" << endl;
        }
    }
    return 0;
}
```

Output (Screen Shot):



The screenshot shows the CodeChef interface for the problem "Airline Restrictions". The problem statement includes subtasks and sample input/output. The submission result shows a "Correct Answer" status with a score of 100.00%.

Problem Statement: Airline Restrictions (Difficulty Rating: 1042)

Subtasks: Subtask #1 (100 points): original constraints

Sample 1:

Input	Output
3	YES
1 1 1 15 5	NO
8 7 6 15 5	YES
8 5 7 15 6	


Explanation:

Test case 1: Chef can check-in the first and second bag (since $1 + 1 = 2 \leq 15$) and carry the third bag with her (since $1 \leq 5$).

Test case 2: None of the three bags can be carried in hand without violating the airport restrictions.

Test case 3: Chef can check-in the first and the third bag (since $8 + 7 \leq 15$) and carry the second bag with her (since $5 \leq 6$).

Submission Result: Status: Correct Answer, Submission ID: 88227338, Time: 0.08s, Sub-Task Score: 100.00%, Result - AC, Total Score = 100.00%

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Understanding about problem:

- In this task I need to return YES or NO if sum $a+b$ or $b+c$ or $c+a$ is less or equal 'd' and any one number less or equal 'e' then return YES else NO.

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