 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 6</b>	<b>Name : Pushti Depani</b>	
<b>Day : 95</b>	<b>Date : 20/1/2023</b>	<b>Enrollment No: 92000133018</b>

## CP Club 365 Days Challenge

Programming language – Any language

### Problem Statement

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

<https://www.codechef.com/viewsolution/86279784>


github

<https://github.com/Pushti18/EVM-Hacking/tree/main>

#### **Your Code:**

```
#include <iostream>
using namespace std;

int main() {
    // your code goes here
    int t;
    cin>>t;
    while(t--){
        double a,b,c,p,q,r;
        cin>>a>>b>>c>>p>>q>>r;
        double x=(p+q+r)/2;
        if(p+b+c>x || a+q+c>x || a+b+r>x || a+b+c>x )
            cout<<"Yes"<<endl;
        else
            cout<<"No"<<endl;
    }
    return 0;
}
```

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## Output (Screen Shot):

Time:  
0.02s

Sub-Task	Task #	Result (time)
1	0	AC (0.004419)
1	1	AC (0.019716)
Subtask Score: 100.00%		Result - AC
Total Score = 100.00%		

## Understanding about problem:

In this problem a,b,c are the votes and p,q,r are the cities. We need to find the winner so as it is said that one evm can be hacked so we will be comparing it with the total i.e.,  $x = \frac{p+q+r}{2}$  so  $p+b+c > x$  and similarly we will check with the other evms and if the condition satisfies then party will win or else chef will loss.

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