

Day 60 coding Statement : Good Weather

The weather report of Magicland is Good if the number of sunny days in a week is strictly greater than the number of rainy days.

Given 7 integers $A_1, A_2, A_3, A_4, A_5, A_6, A_7$ where $A_i=1$ denotes that the i th day of week in Magicland is a sunny day, $A_i=0$ denotes that the i th day in Magicland is a rainy day. Determine if the weather report of Magicland is Good or not.

Input Format

Each testcase contains of input, 7 space separated integers $A_1, A_2, A_3, A_4, A_5, A_6, A_7$.

Output Format

For each testcase, print "YES" if the weather report of Magicland is Good, otherwise print "NO". Print the output without quotes.

Sample Input 1 : 1 0 1 0 1 1 1

0 1 0 0 0 0 1

1 1 1 1 1 1 1

0 0 0 1 0 0 0

Sample Output 1 : YES

NO

YES

NO

Program :

```
package com.talentbattle.codingchallenge;
```

```
import java.util.Scanner;
```

```

public class GoodWeather {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner scan = new Scanner(System.in);
        System.out.println("Enter the no. of days in a week");
        int N = scan.nextInt();
        int[] A = new int[N];

        //Collect the data of weather on each day in week.
        // 1 for Sunny Day, 0 for Rainy Day
        System.out.println("Enter the weather Condition of every day in a week
");

        for(int i = 0; i < N; i++)
        {
            A[i] = scan.nextInt();
        }

        int Sunny = 0;
        int Rainy = 0;
        for(int i = 0; i < N ; i++)
        {
            if(A[i]==1)
            {
                Sunny++;
            }
            else if(A[i] == 0)
            {
                Rainy++;
            }
            else
            {
                System.out.println("Invalid Data");
            }
        }

        //If Sunny days are greater than Rainy Day in a week.Then Weather
condition is Good;
        //If condition is Good, Print "YES", else Print "NO".
        if(Sunny > Rainy)
        {
            System.out.println("YES");
        }
        else
        {
            System.out.println("NO");
        }
    }
}

```

