GE23131-Programming Using C-2024





REC-CIS

```
First line contains an integer 7 denoting the number of testcases.

First line of every testcase contains two integer N and M.

Next line contains N space separated integers denoting the elements of array

Output:

For every test case print your answer in new line

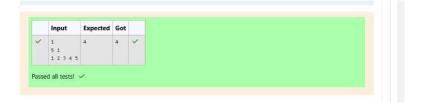
SAMPLE INPUT

1
5 1
1 2 3 4 5

SAMPLE OUTPUT

4

Explanation
```



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A new deadly virus has infected large population of a planet. A brilliant scientist has discovered a new strain of virus which can cure this disease. Vaccine produced from this virus has various strength depending on midichlorians count. A person is cured only if midichlorians count in vaccine batch is more than midichlorians count of person. A doctor receives a new set of report which contains midichlorians count of each infected patient, Practo stores all vaccine doctor has and their midichlorians count. You need to determine if doctor can save all patients with the vaccines he has. The number of vaccines and patients are equal.

Input Format

First line contains the number of vaccines - N. Second line contains N integers, which are strength of vaccines. Third line contains N integers, which are midichlorians count of patients.

Output Format

Print a single line containing 'Yes' or 'No'.

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Input Constraint

1 < N < 10

Strength of vaccines and midichlorians count of patients fit in integer.

SAMPLE INPUT

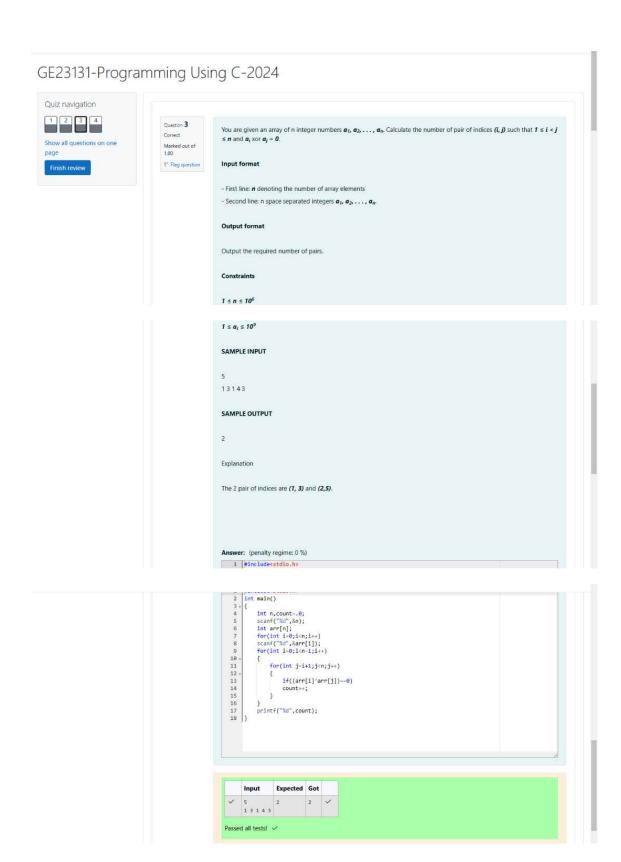
5

123 146 454 542 456 100 328 248 689 200

SAMPLE OUTPUT

No

REC-CIS



REC-CIS

OUTPUT:

Output consists of a single line of integers

The first line of input consists of the size of the array

The next line consists of the array of size m

CONSTRAINTS:

1<=m<=106 0<=A[i]<=106

NOTE: The indexing of the array starts with 0.

SAMPLE INPUT

45371

SAMPLE OUTPUT

42013

