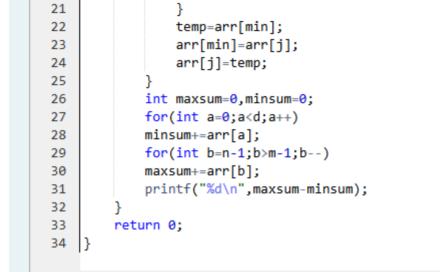
Statu	s Finished
Starte	d Monday, 23 December 2024, 5:33 PM
Complete	d Friday, 13 December 2024, 2:40 PM
Duration	n 10 days 2 hours
Question 1 Correct Marked out of 1.00	Coders here is a simple task for you, you have given an array of size N and an integer M . Your task is to calculate the difference between maximum sum and minimum sum of N-M elements of the given
⟨ Flag question	array.
	Constraints:
	1<=t<=10
	1<=n<=1000
	1<=a[i]<=1000
	Input:
	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 5 1 12345 SAMPLE OUTPUT 4 Explanation

```
M is 1 and N is 5 so you have to calculate maximum and minimum sum using (5-1 =) 4 elements.
Maximum sum using the 4 elements would be (2+3+4+5=)14.
Minimum sum using the 4 elements would be (1+2+3+4=)10.
Difference will be 14-10=4.
Answer: (penalty regime: 0 %)
       #include<stdio.h>
       int main()
    3 ₹ {
            int t;
            scanf("%d",&t);
            while(t--)
    6
    7 ,
                int n,m,d,min,temp;
                scanf("%d %d",&n,&m);
   10
                d=n-m;
   11
                int arr[n];
                for(int i=0;i<n;i++)</pre>
   12
   13
                scanf("%d",&arr[i]);
                for(int j=0;j<n;j++)</pre>
   14
   15 •
   16
                     min=j;
                     for(int k=j;k<n;k++)</pre>
   17
   18 ,
   19
                         if(arr[k]<arr[min])</pre>
   20
                         min=k;
```



	Input	Expected	Got	
~	1	4	4	~
	5 1			
	1 2 3 4 5			

Passed all tests! <

Correct

Marked out of
1.00

Flag question

Ouestion 2

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'.

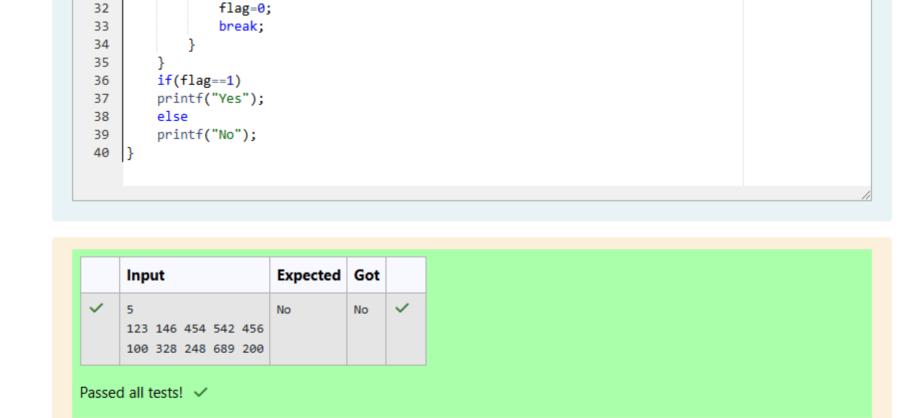
Input Constraint

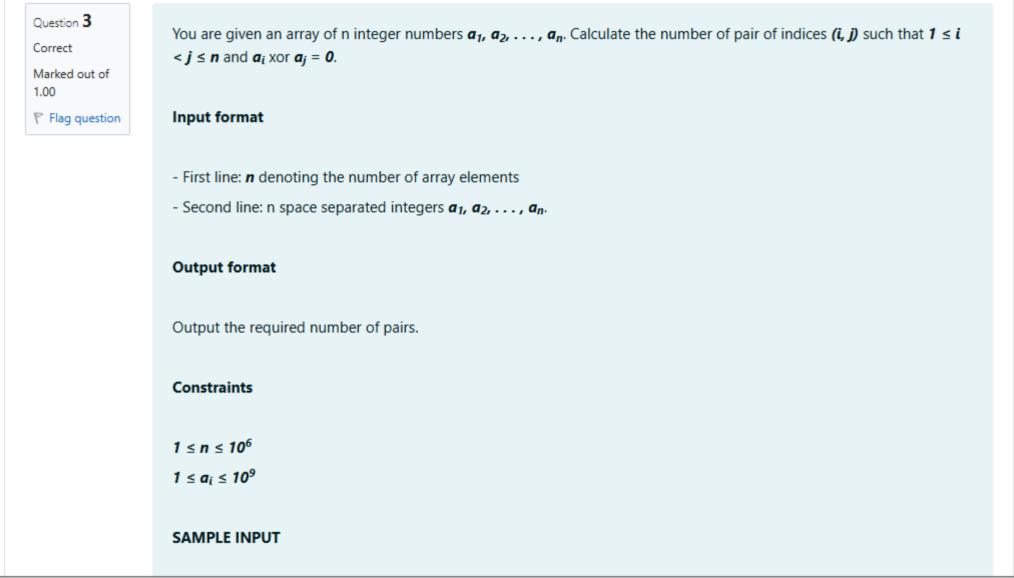
1 < N < 10

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

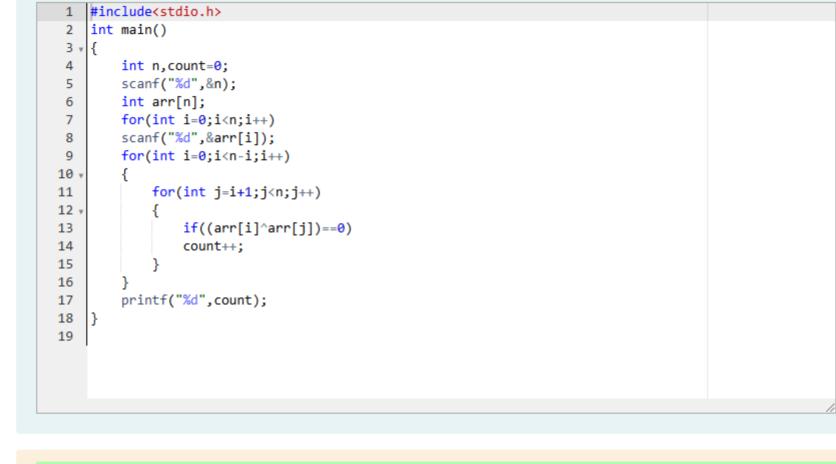
Answer: (penalty regime: 0 %)

```
#include<stdio.h>
    int main()
 3 ,
         int n,min1,min2,temp,flag=1;
         scanf("%d",&n);
         int vac[n],pat[n];
         for(int i=0;i<n;i++)</pre>
         scanf("%d",&vac[i]);
         for(int i=0;i<n;i++)</pre>
         scanf("%d",&pat[i]);
10
11
         for(int j=0;j<n-1;j++)
12 *
13
             min1=j,min2=j;
14
             for(int k=j;k<n;k++)</pre>
15 •
16
                  if(vac[k]<vac[min1])</pre>
17
                  min1=k;
                  if(pat[k]<pat[min2])</pre>
18
19
                  min2=k;
20
21
             temp=vac[min1];
22
             vac[min1]=vac[j];
23
             vac[j]=temp;
             temp=pat[min2];
24
25
             pat[min2]=pat[j];
26
             pat[j]=temp;
27
28
         for(int i=0;i<n;i++)</pre>
29 v
30
             if(vac[i]<=pat[i])</pre>
31 *
```





5
13143
SAMPLE OUTPUT
2
Explanation
The 2 pair of indices are (1, 3) and (2,5).
Answer: (penalty regime: 0 %)



	Input	Expected	Got	
~	5 1 3 1 4 3	2	2	~

Question 4 Correct Marked out of	You are gir print out t
1.00 ♥ Flag question	Example:
	A={4,5,3,7
	After sorti
	The requir
	INPUT:
	The first li
	The next li
	OUTPUT :

iven an array \boldsymbol{A} of non-negative integers of size \boldsymbol{m} . Your task is to sort the array in non-decreasing order and the original indices of the new sorted array. 7,1} ing the new array becomes $A=\{1,3,4,5,7\}$. red output should be "4 2 0 1 3" ine of input consists of the size of the array line consists of the array of size m

CONSTRAINTS: 1<=m<=106 0 <= A[i] <= 106NOTE: The indexing of the array starts with 0. SAMPLE INPUT 5 45371

SAMPLE OUTPUT

Output consists of a single line of integers

42013

Answer: (penalty regime: 0 %)

```
int main()
 3
         int n;
         scanf("%d",&n);
         int arr[n];
 6
         for(int i=0;i<n;i++)</pre>
         scanf("%d",&arr[i]);
         int max=arr[0];
         for(int i=1;i<n;i++)</pre>
10
11 ,
12
             if(arr[i]>max)
13
             max=arr[i];
14
15
         max++;
         int min=0;
16
17
         for(int a=0;a<n;a++)</pre>
18 ,
19
             for(int b=0;b<n;b++)</pre>
20 1
21
                  if(arr[b]<arr[min])</pre>
22
                  min=b;
23
24
             printf("%d ",min);
25
             arr[min]=max;
26
27
```

|#include<stdio.h>



Passed all tests! ✓