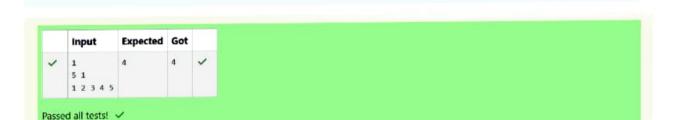
	tion 3 days 21 hours
Question 1 Correct	Coders here is a simple task for you, you have given an array of size <b>N</b> and an integer <b>M</b> .
Marked out of 1.00 F Flag question	Your task is to calculate the difference between maximum sum and minimum sum of N-M elements of the given array.
Y Flag question	Constraints:
	1<=t<=10
	1<=n<=1000 1<=a[i]<=1000
	Input:
	First line contains an integer $T$ 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

```
Answer: (penalty regime: 0 %)
   1 #includecstdio.h>
   2 int main()
   3 + {
      int t;
   5 scanf("%d",&t);
     while(t--)
   7 + {
      int n,m,d,min,temp;
      scanf("%d %d",&n,&m);
  10 d=n-m;
  int arr[n];
  12 for(int i=0;i<n;i++)
  13 | scanf("%d",&arr[i]);
  14
     for(int j=0;j<n;j++)
  15 + {
  16 min=j;
  17 for(int k=j;k<n;k++)
  18 - {
  19 if(arr[k]<arr[min])
      min=k;
  21
  22 | temp=arr[min];
  23 arr[min]=arr[j];
  24 arr[j]=temp;
  25
      int maxsum=0, minsum=0;
  27 for(int a-0;a<d;a++)
  28 minsum+=arr[a];
     for(int b=n-1;b>m-1;b--)
     maxsum = arr[b];
     printf("%d\n", maxsum-minsum);
  31
  32
  33 }
```



Question 2
Carrect

Marked out of 1.00 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.

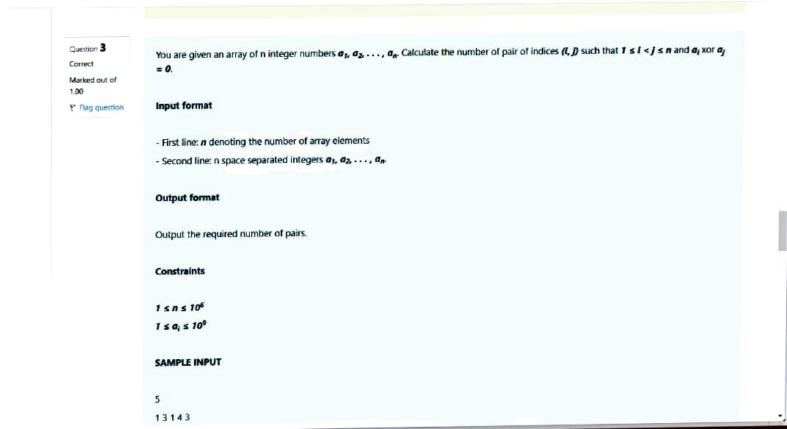
#### SAMPLE INPUT

```
Answer: (penalty regime: 0 %)
   1 #include<stdio.h>
       int main()
    2
   3 - {
           int n,min1,min2,temp,flag=1;
    4
    5
           scanf("%d",&n);
           int vac[n],pat[n];
   6
           for(int i=0;i<n;i++)
   7
   8
           scanf("%d", &vac[i]);
   9
           for(int i=0;i<n;i++)
  10
           scanf("%d", &pat[i]);
  11
           for(int j=0;j<n-1;j++)
  12 .
  13
               min1=j,min2=j;
  14
               for(int k=j;k<n;k++)
   15 +
                   if(vac[k]<vac[min1])
  16
  17
                   min1-k;
                   if(pat[k]<pat[min2])
  18
  19
                   min2-k;
  20
               temp=vac[min1];
  21
               vac[min1]=vac[j];
  22
               vac[j]=temp;
  23
  24
               temp=pat[min2];
  25
               pat[min2]=pat[j];
  26
               pat[j]=temp;
  27
   28
           for(int i=0;i<n;i++)
  29 •
   38
               if(vac[i]<=pat[i])
   31 +
   32
                   flag=0;
  33
                   break;
  34
  35
  36
           if(flag==1)
   37
           printf("YES");
```

```
28
29 +
        for(int i=0;i<n;i++)
30
            if(vac[i]<=pat[i])
31 -
32
                flag=0;
33
                break;
34
35
36
        if(flag==1)
37
        printf("YES");
38
        else
39
40 }
        printf("No");
```

	Input	Expected	Got	
~	5 123 146 454 542 456 100 328 248 689 200	No	No	~

Question 3



Answer: (penalty regime: 0 %)

```
1 #include(stdio.h>
 2 + int main(){
        int n,count=0;
 3
        scanf("%d",&n);
        int arr[n];
        for(int i=0;i<n;i++)
        scanf("%d",&arr[i]);
 7
        for(int i=0;i<n-1;i++)
 8
 9.
            for(int j=i+1;j<n;j++)
10
11 +
12
                if((arr[i]^arr[j])=0)
13
                count++;
14
15
16
        printf("%d",count);
17 }
```

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

Passed all tests! 🗸

Question 4 Correct	You are given an array <b>A</b> of non-negative integers of size <b>m</b> . Your task is to sort the array in non-decreasing order and print out the original indices of the new sorted array.
Marked out of 1.00	
P Flag question	Example:
	A={4,5,3,7,1}
	After sorting the new array becomes A={1,3,4,5,7}.
	The required output should be "4 2 0 1 3"
	INPUT:
	The first line of input consists of the size of the array
	The next line consists of the array of size m
	OUTPUT:
	Output consists of a single line of integers
	CONSTRAINTS:

```
#includecstdio.h>
 2
    int main()
3 . {
 4
        int n:
 5
        scanf("%d",&n);
        int arr[n];
 6
 7
        for(int i=0;i<n;i++)
 8
        scanf("%d", &arr[i]);
 9
        int max=arr[0];
10
        for(int i=1;i<n;i++)
11 .
12
        if(arr[i]>max)
13
        max=arr[i];
14
15
        max++;
16
        int min=0;
17
        for(int a=0;a<n;a++)
18 +
19
            for(int b=0;b<n;b++)
20 +
21
                if(arr[b]<arr[min])
22
                min=b;
23
            printf("%d ",min);
24
25
            arr[min]=max;
26
27
```

