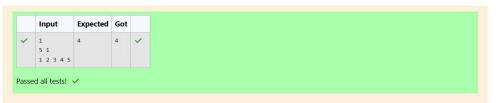
```
Question 1
                      Coders here is a simple task for you, you have given an array of size N and an integer M.
Marked out of 1.00
                      Your task is to calculate the difference between maximum sum and minimum sum of N-M elements of the given array.
Flag question
                      Constraints:
                      1<=t<=10
                      1<=n<=1000
                      1<=a[i]<=1000
                      Input:
                      First line contains an integer \emph{T} denoting the number of testcases.
                      First line of every testcase contains two integer {\it N} and {\it M}.
                      Next line contains {\it 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
                      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 %)
                      1 #include <stdio.h>
2 int main()
                                  int t;
scanf("%d",&t);
while(t--)
                                       int n,m,d,min,temp;
scanf("%d %d",&n,&m);
d=n-m;
int arr[n];
for(int i=0;i<n;i++)</pre>
                        10
                        11
12
13
14
                                             scanf("%d",&arr[i]);
```

```
for(int j=0;j<n;j++)</pre>
16
17
                          min=j;
for(int k=j;k<n;k++)</pre>
18
19
20
21
                                 if(arr[k]<arr[min])</pre>
22
23
24
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37
                                      min=k;
                          temp=arr[min];
arr[min]=arr[j];
arr[j]=temp;
                    int maxsum=0,minsum=0;
for(int a=0;a<d;a++)</pre>
                          minsum+=arr[a];
                    for(int b=n-1;b>m-1;b--)
                          maxsum+=arr[b];
38
39
40
41
                    printf("%d\n",maxsum-minsum);
42 }
```



Question 2
Correct
Marked out of 1.00
F Flag question

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 %)
    1 #include <stdio.h>
     2 int main()
3 v {
4 int n,m
5 scanf("
                    int n,min1,min2,temp,flag=1;
scanf("%d",%n);
int vac[n],pat[n];
for(int i=0;icn;i++)
scanf("%d",&vac[i]);
for(int i=0;icn;i++)
scanf("%d",&pat[i]);
for(int j=0;j<n-1;j++)
{</pre>
    10
11
    12
13
14
15
                             min1=j,min2=j;
for(int k=j;k<n;k++)
    16
17
18
19
                                      if(vac[k]<vac[min1])</pre>
                                             min1=k;
                                      if(pat[k]<pat[min2])</pre>
    20
21
22
23
24
25
26
27
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30
31
32
33
34
                                           min2=k;
                             temp=vac[min1];
vac[min1]=vac[j];
vac[j]=temp;
                             temp=pat[min2];
pat[min2]=pat[j];
pat[j]=temp;
                      for(int i=0;i<n;i++)
    35
36 v
37
38
39
40
41
42
43
44
45 }
                             if(vac[i]<=pat[i])</pre>
                            {
    flag =0;break;
                    if(flag==1)
printf("Yes");
else
printf("No");
return 0;
             Input
                                                    Expected Got
             123 146 454 542 456
             100 328 248 689 200
  Passed all tests! 🗸
```

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Question 4 You are given an array A of non-negative integers of size m. Your task is to sort the array in non-decreasing order and print out the original Correct indices of the new sorted array. Marked out of 1.00 ▼ 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: 1<=m<=106 0<=A[i]<=106 NOTE: The indexing of the array starts with 0. SAMPLE INPUT

> 5 45371

SAMPLE OUTPUT

Answer: (penalty regime: 0 %)

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```
| minclude <stdio.h>
| continue |
```

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