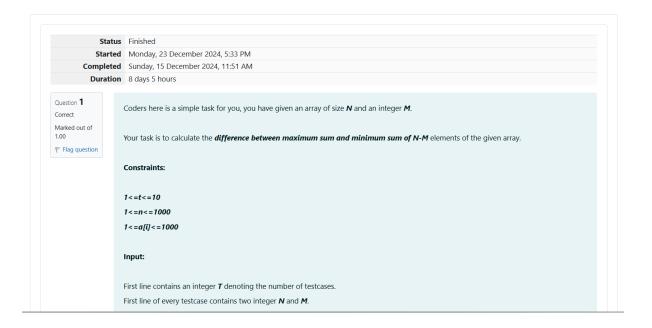
Programming using C

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WEEK-8



Output: For every test case print your answer in new line SAMPLE INPUT 1 51 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.

```
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>
         int main()
              int t;
scanf("%d",&t);
while(t--)
    4
5
    6
    8
                   int n,m,d,min,temp;
scanf("%d %d",&n,&m);
                   den-m;
int arr[n];
for(int i=0;i<n;i++)
scanf("%d",&arr[i]);
for(int j=0;j<n;j++)</pre>
   10
   11
   12
   13
   14
   15
                        min=j;
for(int k=j;k<n;k++)</pre>
   16
   17
   18
19
                              if(arr[k]<arr[min])</pre>
   20
   21
22
                        temp=arr[min]:
   23
                         arr[min]=arr[j];
   24
                        arr[j]=temp;
```

Input Expe	Expected Got	t
1 4 5 1 1 2 3 4 5	4	~
ed all tests! ✓		

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

25

int maysum=0 minsum=0.

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 %)

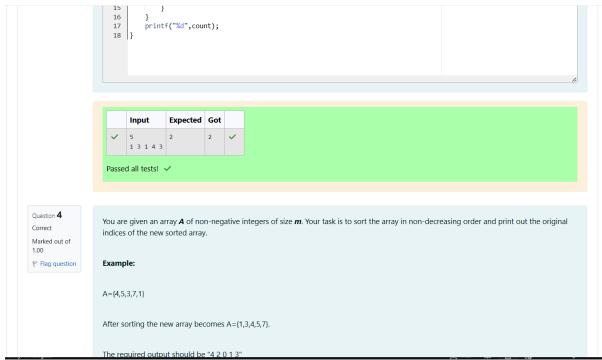
```
#include<stdio.h>
 3
              int n,min1,min2,temp,flag=1;
scanf("%d",&n);
int vac[n],pat[n];
 4
5
             for( int i=0;i<n;i++)
scanf("%d",&vac[i]);
for(int i=0;i<n;i++)
scanf("%d",&pat[i]);</pre>
 8
10
11
              for(int j=0;j<n-1;j++)</pre>
12
13
                     min1=j,min2=j;
for(int k=j;k<n;k++)</pre>
14
15
16
17
                           if(vac[k]<vac[min1])</pre>
                           min1=k;
if(pat[k]<pat[min2])
min2=k;</pre>
18
19
20
21
                     temp=vac[min1];
vac[min1]=vac[j];
22
23
24
                     vac[j]=temp;
25
                     temp=pat[min2];
pat[min2]=pat[j];
26
27
```

```
25
26
27
    pat[min2];
    pat[min2];
    pat[j]=temp;
29
    }
30    for(int i=0;i<n;i++)
    {
        if(vac[i]<=pat[i])
        }
        flag=0;
        break;
    }
    if(flag==1)
    printf("Yes");
    else
    printf("No");
```

Question 3

You are given an array of n integer numbers a_1, a_2, \ldots, a_n . Calculate the number of pair of indices (i, j) such that $1 \le i < j \le n$ and $a_i \times a_j = 0$.

Question $\bf 3$ You are given an array of n integer numbers a_1, a_2, \ldots, a_n . Calculate the number of pair of indices (i, j) such that $1 \le i < j \le n$ and $a_i \times a_j = 1$. = **0**. Marked out of 1.00 Input format Flag question - First line: $\emph{\textbf{n}}$ denoting the number of array elements - Second line: n space separated integers a_1, a_2, \ldots, a_n Output format Output the required number of pairs. Constraints $1 \le n \le 10^6$ $1 \leq a_i \leq 10^9$ SAMPLE INPUT 5 13143



```
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
```

45371

max++; int min=0; for(int a=0;a<n;a++)

19 20 v

for(int b=0;b<n;b++)</pre>

```
SAMPLE INPUT
45371
SAMPLE OUTPUT
42013
12
13
14
15
16
17
```

	Input	Expected	Got	
~	5 4 5 3 7 1		4 2 0 1 3	~
S	sed all tests!	~		