12:27

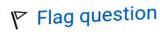
GE23131-Programming Using C-2024

Status	Finished
	Monday, 23
Started	December
	2024, 5:33 PM
Completed	Thursday, 19
Combieren	December
	2024, 9:44 AM
Duration	4 days 7 hours
Dulation	

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**.

Constraints:

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

•

51

12345

SAMPLE OUTPUT

4

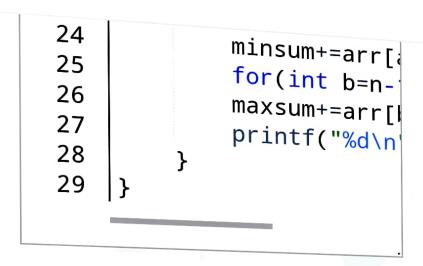
Explanation

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.

```
#include<stdio.h>
    int main(){
 2 ▼
         int t;
 3
         scanf("%d",&t);
 4
         while(t--){
 5
             int n,m,d,mi
 6
             scanf("%d%d"
 7
             d=n-m;
 8
             int arr[n];
 9
             for(int i=0;
10
             scanf("%d",&
11
             for(int j=0;
12 v
                  min=j;
13
                  for(int
14 ▼
                       if(a
15
                      min=
16
17
18
                  temp=arr
19
                  arr[min]
20
                  arr[j]=t
21
22
             int maxsum=0
23
             for(int a=0;
```

1112



	Input Exp	pected G
~	1 4	4
	5 1	
	1 2 3 4 5	

Passed all tests! <

Question 2

Correct

Marked out of 1.00

Flag question

A new deadly virus has infected

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

Input Format

First line contains the number of

vaccines and patients are equal.

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 14
```

123 146 454 542 456 100 328 248 689 200

SAMPLE OUTPUT

No

Answer: (penalty regime: 0 %)

1	<pre>#include<stdio.h></stdio.h></pre>
2 🔻	<pre>int main(){</pre>
3	<pre>int n,min1,min2,</pre>
4	scanf("%d",&n);
5	<pre>int vac[n],pat[n]</pre>
6	for(int i=0;i <n;< td=""></n;<>
7	scanf("%d",&vac[:
8	<pre>for(int i=0;i<n;:< pre=""></n;:<></pre>
9	scanf("%d",&pat[:
10 ▼	<pre>for(int j=0;j<n-< pre=""></n-<></pre>
11	min1=j,min2=j
12 🔻	<pre>for(int k=j;)</pre>

KB/S LTEE

Question **3**

Incorrect

Marked out of 1.00

▼ Flag question

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 xor $a_j = 0$.

Input format

- First line: **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

Constraints

SAMPLE INPUT

5

13143

SAMPLE OUTPUT

2

Explanation

The 2 pair of indices are (1, 3) and (2,5).

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

}

{

Answer: (penalty regime: 0 %)

int main()

#include<stdio.h>

int n,count=0;

int arr[n];

{

scanf("%d",&n);

for(int i=0;i<n;</pre>

{

printf("%d",coun

scanf("%d",&;

for(int i=0;

for(int

if((;

coun⁻

Question **4** Correct

Marked out of 1.00

Flag question

You are given an array **A** of nonnegative integers of size **m**. Your task is to sort the array in nondecreasing order and print out the original indices of the new sorted array.

Example:

 $A = \{4,5,3,7,1\}$

After sorting the new array becomes A={1,3,4,5,7}.

The required output should be "42

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
4 5 3 7 1
```

SAMPLE OUTPUT

42013

Answer: (penalty regime: 0 %)

#include<stdio.h>

```
int main()
 3 ▼
    {
 4
          int n;
 5
          scanf("%d",&n);
 6
          int arr[n];
 7
         for(int i=0;i<n;;</pre>
 8
         scanf("%d",&arr[:
 9
         int max=arr[0];
10
         for (int i-1 \cdot i < n
```

	Input	Expected
~	5 4 5 3 7 1	4 2 0 1 3

Passed all tests! ~