CSES   josueMamani — ◐ ⏻

CSES Problem Set

Increasing Array

TASK | SUBMIT | RESULTS | ANALYSIS | STATISTICS | TESTS | QUEUE

Submission details

Task:	Increasing Array
Sender:	josueMamani
Submission time:	2025-10-20 20:07:57 +0300
Language:	C++ (C++17)
Status:	READY
Result:	ACCEPTED

Test results ▲

test	verdict	time	
#1	ACCEPTED	0.00 s	»
#2	ACCEPTED	0.00 s	»
#3	ACCEPTED	0.00 s	»
#4	ACCEPTED	0.04 s	»
#5	ACCEPTED	0.04 s	»
#6	ACCEPTED	0.09 s	»
#7	ACCEPTED	0.00 s	»

Code ▲

```cpp
#include<iostream>
using namespace std;
int main()
{
    long long int cant;
    long long int sum=0;
    long long int aux;
    cin>>cant;
    long long int arr[cant];

    for(int j=0;j<cant;j++)
    {
        cin>>arr[j];
    }

    for(int i=0; i<cant-1;i++)
    {
        if(arr[i]>arr[i+1])
        {
            aux=arr[i]-arr[i+1];
            arr[i+1]=(arr[i+1])+aux;
            sum=sum+aux;
```

Introductory Problems

Weird Algorithm	✓
Missing Number	✓
Repetitions	✓
Increasing Array	✓
Permutations	-
Number Spiral	-
Two Knights	-
Two Sets	-

…

Your submissions

2025-10-20 20:07:57	✓
2025-10-20 20:06:22	✗
2025-10-03 01:46:15	✗
2025-10-03 01:41:14	✗
2025-10-03 01:40:30	✗
2025-10-03 01:32:47	✗

```
23            }
24        }
25      cout<<sum;
26      return 0;
27 }
```

SHARE CODE TO OTHERS

Test details ▲

Test 1

Verdict: ACCEPTED

input
10
1 1 1 1 1 1 1 1 1 1 👁 📥

correct output
0 👁 📥

user output
0 👁 📥

Test 2

Verdict: ACCEPTED

input
10
1000000000 1 1 1 1 1 1 1 1 1 👁 📥

correct output
8999999991 👁 📥

user output
8999999991 👁 📥

Test 3

Verdict: ACCEPTED

input
10
6 10 4 10 2 8 9 2 7 7 👁 📥

correct output

```
31                                              👁 📥
```

user output
31   👁 📥

Test 4

Verdict: ACCEPTED

input
200000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 ...   👁 📥

correct output
0   👁 📥

user output
0   👁 📥

Test 5

Verdict: ACCEPTED

input
200000 1000000000 1 1 1 1 1 1 1 1 1 1 1...   👁 📥

correct output
199998999800001   👁 📥

user output
199998999800001   👁 📥

Test 6

Verdict: ACCEPTED

input
200000 763977854 530688450 486447012 ...   👁 📥

correct output
100126194120455   👁 📥

user output
100126194120455   👁 ⬇

Test 7

Verdict: ACCEPTED

input
1 329873232   👁 ⬇

correct output
0   👁 ⬇

user output
0   👁 ⬇