CSES Problem Set

Missing Number

TASK | SUBMIT | RESULTS | STATISTICS | TESTS

Submission details

Task:	Missing Number
Sender:	sinhaaditya
Submission time:	2025-10-02 16:12:01 +0300
Language:	C++ (C++17)
Status:	READY
Result:	WRONG ANSWER

Test results ▲

test	verdict	time	
#1	ACCEPTED	0.00 s	»
#2	ACCEPTED	0.00 s	»
#3	ACCEPTED	0.00 s	»
#4	ACCEPTED	0.00 s	»
#5	ACCEPTED	0.00 s	»
#6	ACCEPTED	0.01 s	»
#7	ACCEPTED	0.01 s	»
#8	ACCEPTED	0.02 s	»
#9	ACCEPTED	0.04 s	»
#10	ACCEPTED	0.09 s	»
#11	WRONG ANSWER	0.08 s	»
#12	ACCEPTED	0.09 s	»
#13	WRONG ANSWER	0.00 s	»
#14	ACCEPTED	0.00 s	»

Code ▲

```
1   #include <bits/stdc++.h>
2   using namespace std;
3   int main() {
4       int n;
5       cin >> n;
6       vector<int> a(n-1);
7       for (int i = 0; i < n-1; i++) {
8           cin >> a[i];
9       }
10      sort(a.begin(), a.end());
11      for (int i = 0; i < n-1; i++) {
12          if (a[i] != i+1) {
13              cout << i+1 << endl;
14              break;
15          }
16      }
17      return 0;
```

Introductory Problems

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

Your submissions

2025-10-02 16:12:01	✗

```
18  }
```

Test details ▲

Test 1

Verdict: ACCEPTED

input

```
2
2
```

correct output

```
1
```

user output

```
1
```

Test 2

Verdict: ACCEPTED

input

```
5
5 2 1 3
```

correct output

```
4
```

user output

```
4
```

Test 3

Verdict: ACCEPTED

input

```
10
2 8 10 6 5 1 3 7 4
```

correct output

```
9
```

user output

```
9
```

Test 4

Verdict: ACCEPTED

input
100
27 4 16 47 24 38 61 94 98 79 2...

correct output
71

user output
71

Test 5

Verdict: ACCEPTED

input
1000
180 317 772 646 705 887 914 21...

correct output
462

user output
462

Test 6

Verdict: ACCEPTED

input
5000
1082 1374 1607 1868 3083 4377 ...

correct output
1985

user output
1985

Test 7

Verdict: ACCEPTED

input

```
10000
4864 1025 2485 3125 7378 6735 ...
```

correct output

```
8954
```

user output

```
8954
```

Test 8

Verdict: ACCEPTED

input

```
50000
25452 36669 37790 34732 14514 ...
```

correct output

```
7626
```

user output

```
7626
```

Test 9

Verdict: ACCEPTED

input

```
100000
53895 48538 61342 72966 60265 ...
```

correct output

```
6727
```

user output

```
6727
```

Test 10

Verdict: ACCEPTED

input

```
200000
36220 101447 198387 127441 182...
```

correct output

```
180468
```

user output

180468

Test 11

Verdict: WRONG ANSWER

input

200000
199996 199997 149999 117797 19...

correct output

200000

user output

(empty)

Test 12

Verdict: ACCEPTED

input

199999
197381 136472 160228 128766 19...

correct output

22690

user output

22690

Test 13

Verdict: WRONG ANSWER

input

2
1

correct output

2

user output

(empty)

Test 14

Verdict: ACCEPTED

input
6 2 3 1 5 6

correct output
4

user output
4