HARBOUR.SPACE UNIVERSITY

| TheKing003KS | Logout
You have +416! Wow!

HOME TOP CONTESTS GYM PROBLEMSET GROUPS RATING EDU API CALENDAR HELP DELTIX ROUNDS 2021

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS HACKS STANDINGS CUSTOM INVOCATION

General

#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
122225956	Practice: **TheKing003KS**	1476A - 61	GNU C++14	**Accepted**	30 ms	3660 KB	2021-07-12 18:11:21	2021-07-12 18:11:21		Compare

→ Source

Copy

```
#include<iostream>
#include<limits.h>
#include<math.h>
#include<vector>
#include<string>
#include<queue>
#include<stack>
#include<set>
#include<map>
#include<unordered_set>
#include<unordered_map>
#include<algorithm>
using namespace std;

#define ll long long
#define ull unsigned long long
#define modulo 1000000007
#define mp make_pair
#define pb push_back

int main()
{
    ll int tests;
    cin >> tests;
    while(tests--)
    {
        ll int n, k;
        cin >> n >> k;
```

```
        if(n == k) {cout << 1 << "\n";}
        else if(n < k)
        {
            //cout << ceil(float(k)/float(n)) << "\n";
            if(k%n == 0) {cout << k/n << "\n";}
            else {cout << (k/n)+1 << "\n";}
        }
        else
        {
            if(n%k == 0) {cout << 1 << "\n";}
            else {cout << 2 << "\n";}
        }
    }

    return 0;
}

// ll int n;
// cin >> n;
// vector<ll int> arr(n);
// for(auto i = 0; i < n; i++) {cin >> arr[i];}

// for(auto i = 0; i < n; i++) {cout << arr[i] << " ";}

// sort(begin(arr),end(arr));
```

1

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
4
1 5
4 3
8 8
8 17
```

Participant's output

```
5
2
1
3
```

Jury's answer

```
5
2
1
3
```

Checker comment

```
ok 4 number(s): "5 2 1 3"
```

2

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
992
1 1
1 2
1 3
1 4
1 5
1 6
1 7
1 8
1 9
1 10
1 11
1 12
1 13
1 14
1 15
1 16
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2 10
2 11
2 12
2 13
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2 14
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2 32
3 1
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3 3
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3 14
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3 16
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3 18
3 19
3 20
3 21
3 22
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3 24
3 25...
```

Participant's output

```
1
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3
4
5
6
7
```

```
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6...
```

Jury's answer

```
1
2
3
4
5
```

```
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15
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6
6
6...
```

Checker comment

```
ok 992 numbers
```

3

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
1000
1000000000 1000000000
1000000000 999999999
1000000000 999999998
1000000000 999999997
1000000000 999999996
1000000000 999999995
1000000000 999999994
1000000000 999999993
1000000000 999999992
1000000000 999999991
1000000000 999999990
1000000000 999999989
1000000000 999999988
1000000000 999999987
1000000000 999999986
1000000000 999999985
1000000000 999999984
1000000000 999999983
1000000000 999999982
1000000000 999999981
999999999 1000000000
999999999 999999999
999999999 999999998
...
```

Participant's output

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2...
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Jury's answer

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1
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2
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1
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2...
```

Checker comment

```
ok 1000 numbers
```

4

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
1000
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
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1000000000 1
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1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1...
```

Participant's output

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Jury's answer

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1...
```

Checker comment

```
ok 1000 numbers
```

5

Time: 15 ms, **memory**: 3636 KB

Verdict: OK

Input

```
10
1000000000 1
1000000000 1
```

```
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

Participant's output

```
1
1
1
1
1
1
1
1
1
1
```

Jury's answer

```
1
1
1
1
1
1
1
1
1
1
```

Checker comment

```
ok 10 numbers
```

6

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1
3 1000000000
```

Participant's output

```
333333334
```

Jury's answer

```
333333334
```

Checker comment

```
ok 1 number(s): "333333334"
```

7

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
1
1000 1000000000
```

Participant's output

```
1000000
```

Jury's answer

```
1000000
```

Checker comment

```
ok 1 number(s): "1000000"
```

8

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
20
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
```

Participant's output

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```

Jury's answer

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1
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```

Checker comment

```
ok 20 numbers
```

9

Time: 0 ms, **memory**: 3640 KB

Verdict: OK

Input

```
256
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

```
1000000000 1
1000000000 1
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1000000000 1
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1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
10...
```

Participant's output

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1
1...
```

Checker comment

```
ok 256 numbers
```

10

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
60
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
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```
1000000000 1
1000000000 1
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1000000000 1
1000000000 1
100...
```

Participant's output

```
1
1
1
```

```
1
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```

Jury's answer

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Checker comment

```
ok 60 numbers
```

11

Time: 15 ms, **memory**: 3636 KB

Verdict: OK

Input

```
1000
3 1000000000
1000000000 3
3 1000000000
1000000000 3
3 1000000000
1000000000 3
3 1000000000
1000000000 3
3 1000000000
1000000000 3
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3 1000000000
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1000000000 3
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1000000000 3
3 1000000000
1000000000 3
3...
```

Participant's output

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333333334
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333333334
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333333334
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333333334
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333333334
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333333...
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Jury's answer

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333333334
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3333333...
```

Checker comment

```
ok 1000 numbers
```

12

Time: 0 ms, **memory**: 3636 KB

Verdict: OK

Input

```
12
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
1000000000 1
```

Participant's output

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1
```

Jury's answer

```
1
1
```

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1
1
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1
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1
```

Checker comment

```
ok 12 numbers
```

13

Time: 15 ms, **memory**: 3636 KB

Verdict: OK

Input

```
1000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
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1 1000000000
```

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1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1...
```

Participant's output

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1000000000
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1000000...
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Jury's answer

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1000000...
```

Checker comment

```
ok 1000 numbers
```

14

Time: 0 ms, **memory**: 3640 KB

Verdict: OK

Input

```
120
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
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1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
10...
```

Participant's output

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Jury's answer

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```

Checker comment

```
ok 120 numbers
```

15

Time: 0 ms, **memory**: 3640 KB

Verdict: OK

Input

```
40
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
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1000000000 1
1000000000 1
1000000000 1
```

```
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
100...
```

Participant's output

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Jury's answer

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```

Checker comment

```
ok 40 numbers
```

16

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1000
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
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1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1000000000 2
1...
```

Participant's output

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1...
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Jury's answer

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1...
```

Checker comment

```
ok 1000 numbers
```

17

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
6
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

Participant's output

```
1
1
1
1
1
1
```

Jury's answer

```
1
1
```

```
1
1
1
1
```

Checker comment

```
ok 6 numbers
```

18

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
16
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

Participant's output

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```

Jury's answer

```
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```

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```

Checker comment

```
ok 16 numbers
```

19

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1000
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
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998244353 1
998244353 1
998244353 1
998244353 1
```

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998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1
998244353 1...
```

Participant's output

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1...
```

Jury's answer

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1...
```

Checker comment

```
ok 1000 numbers
```

20

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
1000
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
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2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999
2 999999999...
```

Participant's output

```
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
```

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500000000
500000000
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500000000
50000...
```

Jury's answer

```
500000000
500000000
500000000
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500000000
500000000
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500000000
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500000000
500000000
500000000
500000000
500000000
50000...
```

Checker comment

```
ok 1000 numbers
```

21

Time: 0 ms, **memory**: 3656 KB

Verdict: OK

Input

```
1000
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
```

```
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
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1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1...
```

Participant's output

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2
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2...

Jury's answer

2
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2
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2
2...
```

Checker comment

```
ok 1000 numbers
```

22

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
200
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
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999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
```

```
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1...
```

Participant's output

```
1
1
1
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999999999
999999999
999999999
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999999999
999999999
999999999
999999999
999999999
999999999
999999999
999999999
999999999
999999999
99...
```

Checker comment

```
ok 200 numbers
```

23

Time: 0 ms, **memory**: 3652 KB

Verdict: OK

Input

```
100
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
10...
```

Participant's output

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Jury's answer

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1
1
```

Checker comment

```
ok 100 numbers
```

24

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1000
1 999999999
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
```

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1 1000000000
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1 1000000000
1 1000000000
1 ...
```

Participant's output

```
999999999
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
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1000000000
1000000000
10000000...
```

Jury's answer

```
999999999
1000000000
1000000000
1000000000
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```

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1000000000
1000000000
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1000000000
1000000000
1000000000
1000000000
1000000000
10000000...
```

Checker comment

```
ok 1000 numbers
```

25

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
5
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

Participant's output

```
1
1
1
1
1
```

Jury's answer

```
1
1
1
1
1
```

Checker comment

```
ok 5 number(s): "1 1 1 1 1"
```

26

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1
1000000000 1
```

Participant's output

```
1
```

Jury's answer

```
1
```

Checker comment

```
ok 1 number(s): "1"
```

27

Time: 30 ms, **memory**: 3652 KB

Verdict: OK

Input

```
10
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
```

Participant's output

```
1000000000
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1000000000
1000000000
```

Jury's answer

```
1000000000
1000000000
1000000000
1000000000
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1000000000
1000000000
1000000000
```

Checker comment

```
ok 10 numbers
```

28

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
512
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
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1000000000 3
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1000000000 3
1000000000 3
1000000000 3
1000000000 3
10...
```

Participant's output

```
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2...
```

Jury's answer

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2
2
2...
```

Checker comment

```
ok 512 numbers
```

29

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
5
1000000000 1
1000000000 2
1000000000 3
1000000000 4
1000000000 5
```

Participant's output

```
1
1
2
1
1
```

Jury's answer

```
1
1
2
1
1
```

Checker comment
```
ok 5 number(s): "1 1 2 1 1"
```

30

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input
```
1
99999999 1000
```

Participant's output
```
2
```

Jury's answer
```
2
```

Checker comment
```
ok 1 number(s): "2"
```

31

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input
```
1
1000000000 11
```

Participant's output
```
2
```

Jury's answer
```
2
```

Checker comment
```
ok 1 number(s): "2"
```

32

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input
```
1000
1000000000 2
1000000000 1
```

```
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
1000000000 1
1000000000 1
1000000000 1
1...
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Participant's output

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1
1
1...
```

Checker comment

```
ok 1000 numbers
```

33

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
1000
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
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999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
```

```
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2...
```

Participant's output

```
2
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2
```

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```

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2
2...
```

Jury's answer

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2
2...
```

Checker comment

```
ok 1000 numbers
```

34

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
480
1 210000000
1 210000000
1 210000000
1 210000000
1 210000000
1 210000000
1 210000000
1 210000000
1 210000000
1 210000000
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1 210000000
1 210000000
1 210000000
1 210000000
1 210000000
1 210000000...
```

Participant's output

```
210000000
210000000
210000000
210000000
210000000
210000000
210000000
210000000
210000000
```

```
210000000
210000000
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210000000
210000000
210000000
210000000
210000000
210000000
21000...
```

Jury's answer

```
210000000
210000000
210000000
210000000
210000000
210000000
210000000
210000000
210000000
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210000000
210000000
210000000
```

```
210000000
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210000000
210000000
210000000
210000000
210000000
210000000
210000000
21000...
```

Checker comment

```
ok 480 numbers
```

35

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
1
1 999999999
```

Participant's output

```
999999999
```

Jury's answer

```
999999999
```

Checker comment

```
ok 1 number(s): "999999999"
```

36

Time: 30 ms, **memory**: 3652 KB

Verdict: OK

Input

```
1000
99999999 2
99999998 3
99999997 2
99999996 5
99999995 2
99999994 3
99999993 2
99999992 3
99999991 2
99999990 4
99999989 2
99999988 3
99999987 2
99999986 3
99999985 2
99999984 5
99999983 2
99999982 3
99999981 2
99999980 3
99999979 2
99999978 4
99999977 2
99999976 3
99999975 2
99999974 3
99999973 2
99999972 5
99999971 2
99999970 3
99999969 2
99999968 3
99999967 2
99999966 4
99999965 2
99999964 3
99999963 2
99999962 3
99999961 2
99999960 7
99999959 2
```

```
99999958 3
9...
```

Participant's output

```
2
2
2
```

```
2
2
2
```

```
2
2
2
```

```
2
2
2
2
2
2
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2
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2
2
2
2
2
2
2...
```

Jury's answer

```
2
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2
2
2
2
2
2
2...
```

Checker comment

```
ok 1000 numbers
```

37

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
1
1 100000001
```

Participant's output

```
100000001
```

Jury's answer

```
100000001
```

Checker comment

```
ok 1 number(s): "100000001"
```

38

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
6
1000000000 1
1000000000 2
1000000000 3
1000000000 4
1000000000 5
1000000000 6
```

Participant's output

```
1
1
2
1
1
2
```

Jury's answer

```
1
1
2
1
1
2
```

Checker comment

```
ok 6 numbers
```

39

Time: 15 ms, **memory**: 3636 KB

Verdict: OK

Input

```
1
1 1000000000
```

Participant's output

```
1000000000
```

Jury's answer

```
1000000000
```

Checker comment

```
ok 1 number(s): "1000000000"
```

40

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
10
999999999 2
999999998 2
999999997 2
999999996 2
999999995 2
999999994 2
999999993 2
999999992 2
999999991 2
999999990 2
```

Participant's output

```
2
1
2
1
2
1
2
1
2
1
```

Jury's answer

```
2
1
2
1
2
1
2
1
2
1
```

Checker comment

```
ok 10 numbers
```

41

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
20
1 1000000000
1 1000000000
```

```
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
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1 1000000000
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1 1000000000
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1 1000000000
1 1000000000
1 1000000000
1 1000000000
```

Participant's output

```
1000000000
1000000000
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1000000000
```

Jury's answer

```
1000000000
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1000000000
```

```
1000000000
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1000000000
1000000000
```

Checker comment

```
ok 20 numbers
```

42

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
11
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
```

Participant's output

```
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
```

Jury's answer

```
1
1
1
1
1
1
1000000000
1000000000
```

```
1000000000
1000000000
1000000000
```

Checker comment

```
ok 11 numbers
```

43

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
12
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1 100000001
100000001 1
```

Participant's output

```
1
1
1
1
1
1
1
1
1
1
100000001
1
```

Jury's answer

```
1
1
1
1
1
1
1
1
1
1
```

```
100000001
1
```

Checker comment

```
ok 12 numbers
```

44

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
4
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

Participant's output

```
1
1
1
1
```

Jury's answer

```
1
1
1
1
```

Checker comment

```
ok 4 number(s): "1 1 1 1"
```

45

Time: 15 ms, **memory**: 3632 KB

Verdict: OK

Input

```
2
1000000000 1
1000000000 1
```

Participant's output

```
1
1
```

Jury's answer

```
1
1
```

Checker comment

```
ok 2 number(s): "1 1"
```

46

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
200
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
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100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1...
```

Participant's output

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```

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Jury's answer

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1...
```

Checker comment
```
ok 200 numbers
```

47

Time: 15 ms, **memory**: 3636 KB

Verdict: OK

Input
```
1
2 1000000000
```

Participant's output
```
500000000
```

Jury's answer
```
500000000
```

Checker comment
```
ok 1 number(s): "500000000"
```

48

Time: 0 ms, **memory**: 3632 KB

Verdict: OK

Input

```
100
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
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999999999 2
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999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2
999999999 2...
```

Participant's output

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2
```

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2
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Jury's answer

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2
```

Checker comment

```
ok 100 numbers
```

49

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
10
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
```

```
1000000000 3
1000000000 3
1000000000 3
1000000000 3
```

Participant's output

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2
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2
```

Jury's answer

```
2
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2
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2
2
2
2
2
```

Checker comment

```
ok 10 numbers
```

50

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
20
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
```

```
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
999999999 1
```

Participant's output

```
1
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1
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```

Jury's answer

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1
1
1
1
1
1
```

Checker comment

```
ok 20 numbers
```

51

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1000
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
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1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000 10
1000000000...
```

Participant's output

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```

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1...
```

Jury's answer

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```

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```

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1
1
1
1...
```

Checker comment

```
ok 1000 numbers
```

52

Time: 15 ms, **memory**: 3652 KB

Verdict: OK

Input

```
12
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1 100000001
1000000000 1
```

Participant's output

```
1
1
1
1
1
1
1
```

```
1
1
1
100000001
1
```

Jury's answer

```
1
1
1
1
1
1
1
1
1
1
100000001
1
```

Checker comment

```
ok 12 numbers
```

53

Time: 15 ms, **memory**: 3652 KB

Verdict: OK

Input

```
999
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
```

```
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99999999 2
99...
```

Participant's output

```
2
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```

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```

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2
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```

```
2
2
2
```

Checker comment
ok 999 numbers

54

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input
1
7 99999999

Participant's output
14285715

Jury's answer
14285715

Checker comment
ok 1 number(s): "14285715"

55

Time: 0 ms, **memory**: 3640 KB

Verdict: OK

Input
1000
1000000000 1000
1000000000 999
1000000000 998
1000000000 997
1000000000 996
1000000000 995
1000000000 994
1000000000 993
1000000000 992
1000000000 991
1000000000 990
1000000000 989
1000000000 988
1000000000 987
1000000000 986
1000000000 985
1000000000 984
1000000000 983
1000000000 982
1000000000 981
1000000000 980
1000000000 979
1000000000 978
1000000000 977
1000000000 976

```
1000000000 975
1000000000 974
1000000000 973
1000000000 972
1000000000 971
1000000000 970
10000000...
```

Participant's output

```
1
2
2
2
```

```
2
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```

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2
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2
```

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2
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2
2...
```

Jury's answer

```
1
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2
2
2
2...
```

Checker comment

```
ok 1000 numbers
```

56

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1000
999999991 3
999999997 3
```

```
999999994 3
999999990 3
999999999 3
999999994 3
999999998 3
999999998 3
999999992 3
999999994 3
999999995 3
999999995 3
999999991 3
999999997 3
999999991 3
999999991 3
999999995 3
999999992 3
999999997 3
999999996 3
999999991 3
999999994 3
999999992 3
999999993 3
999999992 3
999999992 3
999999991 3
999999996 3
999999998 3
999999995 3
999999997 3
999999996 3
999999991 3
999999998 3
999999999 3
999999992 3
999999997 3
999999999 3
999999995 3...
```

Participant's output

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1
2...
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Jury's answer

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2
1
2...
```

Checker comment

```
ok 1000 numbers
```

57

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
28
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
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1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

```
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

Participant's output

```
1
1
1
```

```
1
1
1
1
1
1
1
1
1
1
1
```

Checker comment

```
ok 28 numbers
```

58

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
1000
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
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10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
```

```
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
10000000 3
1...
```

Participant's output

```
2
2
2
```

```
2
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```

```
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2
```

```
2
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2
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2
2...
```

Jury's answer

```
2
2
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2
2
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```

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2
2
2
2
2
2
2
2
2
2...
```

Checker comment

```
ok 1000 numbers
```

59

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
400
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1
100000000 1...
```

Participant's output

```
1
1
1
1
1
1
1
1
1
```

```
1
1
1
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1
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1
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1
1
1...
```

Jury's answer

```
1
1
1
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1
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1
1
1
1
1...
```

Checker comment

```
ok 400 numbers
```

60

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
20
1 999999997
2 999999997
3 999999997
4 999999997
5 1000000000
6 1000000000
7 1000000000
8 1000000000
9 1000000000
10 1000000000
11 1000000000
12 1000000000
13 1000000000
14 1000000000
15 1000000000
16 1000000000
17 1000000000
18 1000000000
```

```
19 1000000000
20 1000000000
```

Participant's output

```
999999997
499999999
333333333
250000000
200000000
166666667
142857143
125000000
111111112
100000000
90909091
83333334
76923077
71428572
66666667
62500000
58823530
55555556
52631579
50000000
```

Jury's answer

```
999999997
499999999
333333333
250000000
200000000
166666667
142857143
125000000
111111112
100000000
90909091
83333334
76923077
71428572
66666667
62500000
58823530
55555556
52631579
50000000
```

Checker comment

```
ok 20 numbers
```

61

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
48
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
3 1000000000
3 1000000000
1000000000 3
1000000000 3
1000000000 3
1 100000001
3 1000000000
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
3 1000000000
3 1000000000
1000000000 3
1000000000 3
1000000000 3
1 100000001
3 1000000000
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
3 1000000000
3 1000000000
1000000000 3
1000000000 3
1000000000 3
1 100000001
3 1000000000
100000...
```

Participant's output

```
1
1
1
1
1
333333334
333333334
2
2
2
100000001
```

```
333333334
1
1
1
1
1
333333334
333333334
2
2
2
100000001
333333334
1
1
1
1
1
333333334
333333334
2
2
2
100000001
333333334
1
1
1
1
1
333333334
333333334
2
2
2
100000001
333333334
```

Jury's answer

```
1
1
1
1
1
333333334
333333334
2
2
2
100000001
333333334
1
1
```

```
1
1
1
333333334
333333334
2
2
2
100000001
333333334
1
1
1
1
1
333333334
333333334
2
2
2
100000001
333333334
1
1
1
1
1
333333334
333333334
2
2
2
100000001
333333334
```

Checker comment

```
ok 48 numbers
```

62

Time: 0 ms, **memory**: 3660 KB

Verdict: OK

Input

```
1000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
```

```
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
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2 1000000000
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2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2...
```

Participant's output

```
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
```

```
500000000
500000000
500000000
500000000
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500000000
500000000
500000000
500000000
50000...
```

Jury's answer

```
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
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500000000
```

```
500000000
500000000
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500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
50000...
```

Checker comment

```
ok 1000 numbers
```

63

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
25
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
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3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
```

```
3 1000000000
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
```

Participant's output

```
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
2
2
2
2
2
```

Jury's answer

```
333333334
333333334
333333334
333333334
333333334
333333334
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333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
333333334
```

```
333333334
2
2
2
2
2
```

Checker comment

```
ok 25 numbers
```

64

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
40
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
2 1000000000
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
1000000000 3
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1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

```
1000000000 1
100...
```

Participant's output

```
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
2
2
2
2
2
2
2
2
2
2
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1
1
1
1
1
1
1
1
1
1
```

Jury's answer

```
500000000
500000000
500000000
500000000
500000000
500000000
500000000
500000000
```

```
500000000
500000000
2
2
2
2
2
2
2
2
2
2
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1
1
1
1
1
1
1
1
1
1
```

Checker comment
ok 40 numbers

65

Time: 0 ms, **memory**: 3636 KB

Verdict: OK

Input
1
123 789456123

Participant's output
6418343

Jury's answer
6418343

Checker comment
ok 1 number(s): "6418343"

66

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
2
7 1000000000
1000000000 7
```

Participant's output

```
142857143
2
```

Jury's answer

```
142857143
2
```

Checker comment

```
ok 2 number(s): "142857143 2"
```

67

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
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3 1000000000
3 1000000000
3 1000000000
3 1000000000
```

```
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3 1000000000
3...
```

Participant's output

```
333333334
333333334
333333334
333333334
333333334
333333334
333333334
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333333334
333333334
333333334
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333333334
333333334
333333334
333333334
333333334
333333334
333333334
```

```
333333334
333333334
333333334
333333334
333333334
333333334
33333...
```

Jury's answer

```
333333334
333333334
333333334
333333334
333333334
333333334
```

```
333333334
333333334
33333...
```

Checker comment
ok 1000 numbers

68

Time: 0 ms, **memory**: 3636 KB

Verdict: OK

Input
```
1
3 100000000
```

Participant's output
```
33333334
```

Jury's answer
```
33333334
```

Checker comment
ok 1 number(s): "33333334"

69

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input
```
2
3 100000000
100000000 3
```

Participant's output
```
33333334
2
```

Jury's answer
```
33333334
2
```

Checker comment
ok 2 number(s): "33333334 2"

70

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input
```
1000
1000000000 7
```

```
999999999 8
999999998 9
999999997 10
999999996 11
999999995 12
999999994 13
999999993 14
999999992 15
999999991 16
999999990 17
999999989 18
999999988 19
999999987 20
999999986 21
999999985 22
999999984 23
999999983 24
999999982 25
999999981 26
999999980 27
999999979 28
999999978 29
999999977 30
999999976 31
999999975 32
999999974 33
999999973 34
999999972 35
999999971 36
999999970 37
999999969 38
999999968 39
999999967 40
999999966 41
999999965 42
999...
```

Participant's output

```
2
2
2
2
2
2
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2
2
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2
2
2
2
```

```
2
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2
```

```
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2
```

```
2
2
2
```

Jury's answer

2
2
2

```
2
2
2
```

```
2
2
2
```

```
2
2
2
2
2
2
2
2
2
2
2
2
2
2
2...
```

Checker comment

```
ok 1000 numbers
```

71

Time: 15 ms, **memory**: 3652 KB

Verdict: OK

Input

```
3
3 1000000000
999989981 1000000000
999990011 999999937
```

Participant's output

```
333333334
2
2
```

Jury's answer

```
333333334
2
2
```

Checker comment

```
ok 3 number(s): "333333334 2 2"
```

72

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
2
1000000000 1
1 1000000000
```

Participant's output

```
1
1000000000
```

Jury's answer

```
1
1000000000
```

Checker comment

```
ok 2 number(s): "1 1000000000"
```

73

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
8
1 1000000000
2 1000000000
3 1000000000
1 999999937
2 999999937
3 999999937
999989981 1000000000
999990011 999999937
```

Participant's output

```
1000000000
500000000
333333334
999999937
499999969
333333313
2
2
```

Jury's answer

```
1000000000
500000000
333333334
999999937
499999969
333333313
2
2
```

Checker comment

```
ok 8 numbers
```

74

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
2
3 1000000000
3 1000000000
```

Participant's output

```
333333334
333333334
```

Jury's answer

```
333333334
333333334
```

Checker comment

```
ok 2 number(s): "333333334 333333334"
```

75

Time: 0 ms, **memory**: 3636 KB

Verdict: OK

Input

```
1000
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
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999999999 5
999999999 5
999999999 5
```

```
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5
999999999 5...
```

Participant's output

```
2
2
2
```

```
2
2
2
```

```
2
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2
```

```
2
2
2
2
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2
2
2
2
2...
```

Jury's answer

```
2
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2
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```

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```

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2
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```

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2
2
2
2
2
2
2
2
2
2
2
2
2
2
2...
```

Checker comment

```
ok 1000 numbers
```

76

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
6
3 1000000000
```

```
3 999999937
999989981 1000000000
999990011 999999937
999999937 3
1000000000 3
```

Participant's output

```
333333334
333333313
2
2
2
2
```

Jury's answer

```
333333334
333333313
2
2
2
2
```

Checker comment

```
ok 6 numbers
```

77

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1
2 33554431
```

Participant's output

```
16777216
```

Jury's answer

```
16777216
```

Checker comment

```
ok 1 number(s): "16777216"
```

78

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
1
2 69696969
```

Participant's output

```
34848485
```

Jury's answer

```
34848485
```

Checker comment

```
ok 1 number(s): "34848485"
```

79

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
20
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
```

Participant's output

```
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1
1
1
1
1
1
1
1
```

```
1
1
```

Jury's answer

```
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1
1
1
1
1
1
1
1
1
1
```

Checker comment

```
ok 20 numbers
```

80

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1
2 335544313
```

Participant's output

```
167772157
```

Jury's answer

```
167772157
```

Checker comment

```
ok 1 number(s): "167772157"
```

81

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
64
999999999 2
```

```
999999999 2
999999999 2
999999999 2
```

```
2
2
2
```

Jury's answer

2
2
2

```
2
2
2
2
2
2
2
2
2
2
2
2
```

Checker comment
ok 64 numbers

82

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input
```
1
19 1000000000
```

Participant's output
```
52631579
```

Jury's answer
```
52631579
```

Checker comment
ok 1 number(s): "52631579"

83

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input
```
1000
1000 1000000000
999 1000000000
998 1000000000
997 1000000000
996 1000000000
995 1000000000
994 1000000000
993 1000000000
992 1000000000
991 1000000000
990 1000000000
989 1000000000
```

```
988 1000000000
987 1000000000
986 1000000000
985 1000000000
984 1000000000
983 1000000000
982 1000000000
981 1000000000
980 1000000000
979 1000000000
978 1000000000
977 1000000000
976 1000000000
975 1000000000
974 1000000000
973 1000000000
972 1000000000
971 1000000000
970 1000000000
969 1000...
```

Participant's output

```
1000000
1001002
1002005
1003010
1004017
1005026
1006037
1007050
1008065
1009082
1010102
1011123
1012146
1013172
1014199
1015229
1016261
1017294
1018330
1019368
1020409
1021451
1022495
1023542
1024591
1025642
1026695
1027750
1028807
1029867
1030928
```

```
1031992
1033058
1034127
1035197
1036270
1037345
1038422
1039502
1040583
1041667
1042753
1043842
1044933
1046026
1047121
1048219
1049318
1050421
1051525
1052632
1053741
1054853
1055967
1057083
1058202
1059323...
```

Jury's answer

```
1000000
1001002
1002005
1003010
1004017
1005026
1006037
1007050
1008065
1009082
1010102
1011123
1012146
1013172
1014199
1015229
1016261
1017294
1018330
1019368
1020409
1021451
1022495
1023542
1024591
```

```
1025642
1026695
1027750
1028807
1029867
1030928
1031992
1033058
1034127
1035197
1036270
1037345
1038422
1039502
1040583
1041667
1042753
1043842
1044933
1046026
1047121
1048219
1049318
1050421
1051525
1052632
1053741
1054853
1055967
1057083
1058202
1059323...
```

Checker comment

```
ok 1000 numbers
```

84

Time: 15 ms, **memory**: 3656 KB

Verdict: OK

Input

```
1000
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
```

```
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
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1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997
1 999999997...
```

Participant's output

```
999999997
999999997
999999997
```

```
999999997
999999997
999999997
```

```
999999997
999999997
999999997
```

```
7 1000000000
10 1000000000
13 1000000000
16 1000000000
19 1000000000
22 1000000000
25 1000000000
28 1000000000
31 1000000000
34 1000000000
37 1000000000
40 1000000000
43 1000000000
46 1000000000
49 1000000000
52 1000000000
55 1000000000
58 1000000000
61 1000000000
64 1000000000
67 1000000000
70 1000000000
73 1000000000
76 1000000000
79 1000000000
82 1000000000
85 1000000000
88 1000000000
91 1000000000
94 1000000000
97 1000000000
100 100000000...
```

Participant's output

```
1000000000
250000000
142857143
100000000
76923077
62500000
52631579
45454546
40000000
35714286
32258065
29411765
27027028
25000000
23255814
21739131
20408164
19230770
18181819
```

```
17241380
16393443
15625000
14925374
14285715
13698631
13157895
12658228
12195122
11764706
11363637
10989011
10638298
10309279
10000000
9708738
9433963
9174312
8928572
8695653
8474577
8264463
8064517
7874016
7692308
7518797
7352942
7194245
7042254
6896552
6756757
6622517
6493507
6369...
```

Jury's answer

```
1000000000
250000000
142857143
100000000
76923077
62500000
52631579
45454546
40000000
35714286
32258065
29411765
27027028
25000000
23255814
21739131
20408164
```

```
19230770
18181819
17241380
16393443
15625000
14925374
14285715
13698631
13157895
12658228
12195122
11764706
11363637
10989011
10638298
10309279
10000000
9708738
9433963
9174312
8928572
8695653
8474577
8264463
8064517
7874016
7692308
7518797
7352942
7194245
7042254
6896552
6756757
6622517
6493507
6369...
```

Checker comment

```
ok 1000 numbers
```

87

Time: 0 ms, **memory**: 3640 KB

Verdict: OK

Input

```
1
23 43434334
```

Participant's output

```
1888450
```

Jury's answer

```
1888450
```

Checker comment

```
ok 1 number(s): "1888450"
```

88

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
1
999999001 2
```

Participant's output

```
2
```

Jury's answer

```
2
```

Checker comment

```
ok 1 number(s): "2"
```

89

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
60
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1000000000 3
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1 1000000000
1 1000000000
1 1000000000
```

```
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1000000000 3
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
100...
```

Participant's output

```
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
```

```
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
```

Jury's answer

```
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
```

```
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
```

Checker comment

```
ok 60 numbers
```

90

Time: 0 ms, **memory**: 3660 KB

Verdict: OK

Input

```
23
3 1000000000
7 1000000000
11 1000000000
13 1000000000
17 1000000000
19 1000000000
23 1000000000
29 1000000000
31 1000000000
```

```
37 1000000000
41 1000000000
43 1000000000
47 1000000000
53 1000000000
59 1000000000
61 1000000000
67 1000000000
71 1000000000
73 1000000000
79 1000000000
83 1000000000
89 1000000000
97 1000000000
```

Participant's output

```
333333334
142857143
90909091
76923077
58823530
52631579
43478261
34482759
32258065
27027028
24390244
23255814
21276596
18867925
16949153
16393443
14925374
14084508
13698631
12658228
12048193
11235956
10309279
```

Jury's answer

```
333333334
142857143
90909091
76923077
58823530
52631579
43478261
34482759
32258065
27027028
24390244
23255814
21276596
```

```
18867925
16949153
16393443
14925374
14084508
13698631
12658228
12048193
11235956
10309279
```

Checker comment

```
ok 23 numbers
```

91

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
2
1 1000000000
1000000000 1
```

Participant's output

```
1000000000
1
```

Jury's answer

```
1000000000
1
```

Checker comment

```
ok 2 number(s): "1000000000 1"
```

92

Time: 15 ms, **memory**: 3636 KB

Verdict: OK

Input

```
80
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1000000000 3
```

```
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1 1000000000
1000000000 3
1000000000 1
1000000000 1
1000000000 1
1000000000 1
1000000000 1
100...
```

Participant's output

```
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
```

```
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
1...
```

Jury's answer

```
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
```

```
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
1000000000
2
1
1
1
1
1
1
1
1
1
1000000000
1000000000
```

```
1000000000
1000000000
1000000000
1...
```

Checker comment

```
ok 80 numbers
```

93

Time: 0 ms, **memory**: 3632 KB

Verdict: OK

Input

```
3
1 1000000000
1000000000 1
3 1000000000
```

Participant's output

```
1000000000
1
333333334
```

Jury's answer

```
1000000000
1
333333334
```

Checker comment

```
ok 3 number(s): "1000000000 1 333333334"
```

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