

Maintenance works on Round 739. Don't be surprised. Please, read [the post](#).

[PROBLEMS](#) [SUBMIT CODE](#) [MY SUBMISSIONS](#) [STATUS](#) [HACKS](#) [ROOM](#) [STANDINGS](#) [CUSTOM INVOCATION](#)

General

#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
122081268	Contestant: TheKing003KS	1546A - 39	GNU C++14	Accepted	31 ms	3800 KB	2021-07-11 17:19:51	2021-07-11 19:46:30	★	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--)
    {
        int n;
        cin >> n;
        vector<int> a(n), b(n);
        for(auto i = 0; i < n; i++) {cin >> a[i];}
        for(auto i = 0; i < n; i++) {cin >> b[i];}

        vector<pair<int,int>> inc, dec;
        ll int diff = 0;
        ll int count = 0;
        for(int i = 0; i < n; i++)
        {
            if(a[i] > b[i])
            {
                diff -= (a[i]-b[i]);
                dec.pb(mp(i,a[i]-b[i]));
            }
            else if(a[i] < b[i])
            {

```

```

        diff += (b[i]-a[i]);
        inc.pb(mp(i,b[i]-a[i]));

        count += (b[i]-a[i]);
    }
}
if(diff != 0) {cout << -1; cout << "\n";}
else
{
    cout << count << "\n";
    int i = 0, j = 0;
    while(i < inc.size() && j < dec.size())
    {
        cout << dec[j].first+1 << " " << inc[i].first+1 << "\n";
        dec[j].second--;
        inc[i].second--;
        if(dec[j].second == 0) {j++;}
        if(inc[i].second == 0) {i++;}
    }
}

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:** 3784 KB**Verdict:** OK**Input**

```

4
4
1 2 3 4
3 1 2 4
2
1 3
2 1
1
0
0
5
4 3 2 1 0
0 1 2 3 4

```

Participant's output

```

2
2 1
3 1
-1
0
6
1 4
1 4
1 5
1 5
2 5
2 5

```

Jury's answer

```

2
2 1
3 1

```

```
-1
0
6
1 4
1 4
1 5
1 5
2 5
2 5
```

Checker comment

ok OK (4 test cases)

2

Time: 30 ms, **memory:** 3792 KB

Verdict: OK

Input

```
100
1
0
0
1
1
0
1
1
1
1
1
2
2
2
1
100
100
1
1
100
2
10 20
10 20
2
10 20
30 0
2
0 100
100 0
2
0 100
99 0
2
100 0
0 100
3
100 0 0
0 100 0
3
100 0 0
0 50 50
3
0 0 100
0 100 0
3
20 10 50
9 41 30
3
20 10 50
10 41 30
10
7 13 11 10 11 7 11 9 12 9
13 12 6 10 9 7 9 14 12 8
7
```

2.

Jury's answer

5/44

6/44

```
2 1
2 1
2 1
2 1
2 1
2 1
2 1
2 1...
Checker comment
ok OK (100 test cases)
```

3

Time: 15 ms, memory: 3644 KB

Verdict: OK

Input

```
1
100
1 1 2 0 1 2 2 1 1 1 0 0 0 0 1 0 1 0 2 2 1 0 0 2 0 1 0 0 2 3 0 1 0 2 0 1 0 0 2 1 2 1 0 0 0 0 0 0 0 0 3 0 0 3 0 2 1 0 0 0 0 1 0 2 0 0 0 0 2 0 2 0 3 0 0 2 0 0 0 3 3 2 0 3 1 0 1 3 3 3 2 2 0 1 2
2 2 0 3 0 0 0 3 3 0 0 0 2 0 2 2 0 0 3 0 0 0 1 0 0 1 3 0 0 2 0 2 0 2 0 1 3 1 1 0 0 1 0 0 0 1 0 0 1 2 2 0 3 1 1 0 0 0 3 0 3 1 1 0 2 0 0 0 0 3 0 1 0 1 1 0 0 3 0 0 0 0 0 0 0 2 2 0 0 3 0 0 3 3 0
```

Participant's output

```
62
3 1
3 2
5 4
6 4
6 4
7 8
7 8
10 9
17 9
20 13
20 13
21 15
24 16
24 16
29 19
29 23
30 27
39 27
40 27
41 32
41 37
51 37
54 37
54 38
56 46
56 49
57 50
64 50
64 53
69 53
69 53
71 55
71 59
73 59
73 59
73 61
76 61
76 61
80 63
80 65
80 65
81 70
81 70
81 70
82 72
82 74
84 75
84 78
84 78
```

85 78
88 86
88 86
88 87
89 93
89 93
89 93
91 94
91 94
92 97
92 98
95 100
95 100

Jury's answer

62
3 1
3 2
5 4
6 4
6 4
7 8
7 8
10 9
17 9
20 13
20 13
21 15
24 16
24 16
29 19
29 23
30 27
39 27
40 27
41 32
41 37
51 37
54 37
54 38
56 46
56 49
57 50
64 50
64 53
69 53
69 53
71 55
71 59
73 59
73 59
73 61
76 61
76 61
80 63
80 65
80 65
81 70
81 70
81 70
82 72
82 74
84 75
84 78
84 78
85 78
88 86
88 86
88 87
89 93
89 93
89 93
91 94

91 94
92 97
92 98
95 100
95 100

Checker comment
ok OK (1 test case)

4

Time: 0 ms, memory: 136 KB

Verdict: OK

Input

2
50
0 0 4 0 4 0 5 0 0 2 0 0 0 6 3 0 0 0 3 0 0 0 4 0 0 5 0 5 3 6 6 4 0 0 3 2 1 0 1 0 4 0 3 0 1 0 0 0 5 5
3 4 2 4 6 2 2 3 0 0 0 1 0 0 0 2 0 1 0 4 0 0 0 2 0 0 0 0 0 0 5 2 5 0 0 6 0 2 6 1 4 4 0 4 0 2 1 1 3 3
50
0 0 0 0 2 0 4 5 2 4 0 0 0 6 1 3 0 3 3 0 1 0 0 3 0 1 4 0 4 0 0 1 0 4 0 0 3 0 0 0 2 0 0 6 0 0 0 0 1 0
5 0 6 0 0 0 0 0 1 0 0 0 6 5 6 0 6 0 0 0 1 0 0 0 0 5 5 0 0 0 5 0 0 0 0 1 2 0 0 0 0 0 4 5 0 0 0 0 0 0

Participant's output

57
3 1
3 1
7 1
7 2
7 2
10 2
10 2
14 4
14 4
14 4
14 4
14 5
14 5
15 6
15 6
15 8
19 8
19 8
19 12
23 16
23 16
23 18
23 20
26 20
26 20
26 20
26 24
26 24
28 33
28 33
28 33
28 33
28 33
29 36
29 36
29 36
30 36
30 38
30 38
30 39
30 39
30 39
31 39
32 39
32 40
35 42
35 42
35 42

```
37 42
43 44
43 44
43 44
45 44
49 46
49 46
50 47
50 48
43
5 1
5 1
7 1
7 1
7 1
7 3
8 3
8 3
8 3
8 3
8 3
9 13
10 13
10 13
10 13
10 13
14 13
16 15
16 15
16 15
18 15
18 ...
Jury's answer
57
3 1
3 1
7 1
7 2
7 2
10 2
10 2
14 4
14 4
14 4
14 4
14 5
14 5
15 6
15 6
15 8
19 8
19 8
19 12
23 16
23 16
23 18
23 20
26 20
26 20
26 20
26 24
26 24
28 33
28 33
28 33
28 33
28 33
29 36
29 36
29 36
30 36
30 38
```

```
30 38
30 39
30 39
30 39
31 39
32 39
32 40
35 42
35 42
35 42
37 42
43 44
43 44
43 44
45 44
49 46
49 46
50 47
50 48
43
5 1
5 1
7 1
7 1
7 1
7 3
8 3
8 3
8 3
8 3
8 3
9 13
10 13
10 13
10 13
10 13
14 13
16 15
16 15
16 15
18 15
18 15
18 ...
```

Checker comment

ok OK (2 test cases)

5

Time: 15 ms, **memory:** 3788 KB

Verdict: OK

Input

```
3
33
1 0 3 0 6 5 0 5 5 3 0 1 0 0 0 0 2 3 0 0 2 1 0 0 2 1 0 3 0 3 0 5 1
2 6 5 1 0 6 0 0 4 0 0 0 2 0 0 2 6 6 0 1 0 0 0 0 0 0 1 0 0 5 1 3 0
33
6 5 3 0 3 3 0 2 1 0 0 0 0 0 5 0 0 5 4 0 4 0 6 1 3 0 0 1 3 0 3 0 6
4 0 5 4 0 3 5 0 0 5 0 0 0 5 0 6 0 4 0 1 4 0 0 0 0 5 3 0 0 1 5 4 0
33
4 1 0 0 0 3 0 0 0 1 4 0 2 5 6 4 0 0 4 6 0 0 0 1 0 0 0 1 4 0 0 4 6
6 0 0 5 3 0 0 5 0 0 0 5 6 0 6 0 0 1 2 0 0 2 0 3 4 0 2 4 2 0 0 0 0
```

Participant's output

```
-1
43
1 3
1 3
2 4
2 4
2 4
2 4
2 4
2 7
```

5 7
5 7
5 7
8 7
8 10
9 10
15 10
15 10
15 10
15 14
15 14
18 14
19 14
19 14
19 16
19 16
23 16
23 16
23 16
23 16
23 20
23 26
24 26
25 26
25 26
25 26
28 27
29 27
29 27
29 30
33 31
33 31
33 32
33 32
33 32
33 32
38
2 1
6 1
6 4
6 4
10 4
11 4
11 4
11 5
11 5
14 5
14 8
14 8
14 8
14 8
16 8
16 12
16 12
16 12
19 12
19 12
20 13
20 13
20 13
20 13
20 18
20 22
29 22
29 24
32 24
32 25
32 25
32 25
33 25
33 27
33 ...

Jury's answer

-1
43
1 3
1 3
2 4
2 4
2 4
2 4
2 7
5 7
5 7
5 7
8 7
8 10
9 10
15 10
15 10
15 10
15 14
15 14
18 14
19 14
19 14
19 16
19 16
23 16
23 16
23 16
23 16
23 20
23 26
24 26
25 26
25 26
25 26
28 27
29 27
29 27
29 30
33 31
33 31
33 32
33 32
33 32
33 32
38
2 1
6 1
6 4
6 4
10 4
11 4
11 4
11 5
11 5
14 5
14 8
14 8
14 8
14 8
16 8
16 12
16 12
16 12
19 12
19 12
20 13
20 13
20 13
20 13
20 13
20 18

```
20 22
29 22
29 24
32 24
32 25
32 25
32 25
33 25
33 27
33 ...
Checker comment
ok OK (3 test cases)
```

6

Time: 0 ms, memory: 3800 KB
Verdict: OK
Input
4
25
0 0 0 0 0 8 0 0 9 0 8 8 0 0 11 0 0 0 9 3 10 4 10 4 0
2 0 0 1 10 0 10 6 0 3 0 2 0 3 11 1 2 11 0 7 6 0 0 9 0
25
0 0 6 0 6 2 0 0 4 1 0 0 8 1 0 9 6 6 7 0 5 4 3 0 6
8 0 0 2 0 9 0 6 5 0 4 9 9 0 0 3 0 6 0 6 7 0 0 0 0
25
4 0 7 0 5 0 0 0 0 0 5 2 1 5 5 9 7 0 0 0 0 0 0 2 1
5 0 0 1 7 1 0 0 5 1 2 0 0 0 3 0 0 6 1 3 8 4 0 5 1
25
0 2 3 2 0 6 3 4 2 6 9 0 6 0 0 0 1 0 8 1 0 5 5 8 0
0 2 0 0 6 1 0 0 5 8 6 7 0 1 5 2 0 9 8 0 0 0 0 4 7
Participant's output
58
6 1
6 1
6 4
6 5
6 5
6 5
6 5
6 5
9 5
9 5
9 5
9 5
9 5
9 7
9 7
9 7
9 7
9 7
11 7
11 7
11 7
11 7
11 7
11 7
11 7
11 8
11 8
12 8
12 8
12 8
12 8
12 8
12 10
12 10
19 10
19 14
19 14
19 14
19 16
19 17

```
19 17
19 18
19 18
21 18
21 18
21 18
21 18
21 18
22 18
22 18
22 18
22 18
23 18
23 20
23 20
23 20
23 20
23 24
23 24
23 24
23 24
23 24
46
3 1
3 1
3 1
3 1
3 1
3 1
3 1
5 1
5 1
5 1
5 4
5 4
5 6
5 6
10 6
14 6
16 6
16 6
16 6
16 8
16 8
16 8
17 8
17 8
17 8
17 9
17 11
17 1...
```

Jury's answer

```
58
6 1
6 1
6 4
6 5
6 5
6 5
6 5
6 5
9 5
9 5
9 5
9 5
9 5
9 7
9 7
9 7
11 7
11 7
11 7
11 7
11 7
```

```
11 7
11 8
11 8
12 8
12 8
12 8
12 8
12 8
12 10
12 10
19 10
19 14
19 14
19 14
19 16
19 17
19 17
19 18
19 18
21 18
21 18
21 18
21 18
22 18
22 18
22 18
22 18
23 18
23 20
23 20
23 20
23 20
23 24
23 24
23 24
23 24
23 24
46
3 1
3 1
3 1
3 1
3 1
3 1
3 1
5 1
5 1
5 4
5 4
5 6
5 6
10 6
14 6
16 6
16 6
16 6
16 6
16 8
16 8
16 8
17 8
17 8
17 8
17 9
17 11
17 1...
```

Checker comment
ok OK (4 test cases)

7

Time: 0 ms, **memory:** 3776 KB

Verdict: OK

Participant's output

52
3 1
4 1
5 1
5 1
5 1
5 1
5 1
5 1
5 1
5 1
5 9
5 9
5 9
6 9
6 9

6 9
6 11
6 11
6 11
6 11
6 11
6 11
6 11
8 11
8 11
8 11
8 11
8 13
12 13
12 13
12 13
12 13
12 13
12 13
12 13
12 13
14 13
14 13
16 17
16 17
16 17
16 17
16 17
16 18
19 ...

Jury's answer

37
2 1
2 1
3 1
3 1
3 5
3 5
3 8
3 8
11 8
11 8
11 8
12 8
12 8
12 8
13 9
13 10
15 10
15 10
15 14
15 14
15 14
15 14
15 14
15 14
15 14
15 14
16 17
18 17
18 17
18 19
18 19
18 19
18 19
18 19
18 19
18 19
18 19
52
3 1
4 1

```
5 1
5 1
5 1
5 1
5 1
5 1
5 1
5 1
5 1
5 9
5 9
5 9
6 9
6 9
6 9
6 11
6 11
6 11
6 11
6 11
6 11
6 11
8 11
8 11
8 11
8 11
8 13
12 13
12 13
12 13
12 13
12 13
12 13
12 13
14 13
14 13
16 17
16 17
16 17
16 17
16 17
16 17
16 18
19 ...
```

Checker comment
ok OK (5 test cases)

8

Time: 15 ms, **memory:** 3792 KB

Verdict: OK

Input

```
100
1
83
83
1
34
71
1
57
56
1
90
90
1
82
81
1
54
52
```

1
35
54
1
0
18
1
66
66
1
65
65
1
62
61
1
87
9
1
19
24
1
64
64
1
62
89
1
60
60
1
83
83
1
60
1
1
56
8
1
63
63
1
51
47
1
55
41
1
55
55
1
100
99
1
61
20
1
100
100
1
68
69
1
69
69
1
19
74
1
100
99

```
1
6
69
1
68
14
1
12
15
1
63
12
1
46
96
1
38
72
1
85
85
1
52
52
1
52
52
1
79
79
1
46
84
1
68
68
1
95
60
1
99
99
99
1
80
43
1
56
94
1...
```

Participant's output

```
0
-1
-1
0
-1
-1
-1
-1
0
0
-1
-1
-1
0
-1
0
0
-1
-1
-1
0
-1
0
0
-1
-1
0
-1
-1
```

0
-1
-1
0
-1
0
-1
-1
-1
-1
-1
-1
-1
-1
-1
0
0
0
0
-1
0
-1
0
-1
-1
0
-1
-1
-1
-1
0
-1
-1
-1
-1
0
-1
0
0
-1
-1
-1
-1
-1
0
-1
0
-1
-1
-1
-1
0
-1
0
-1
-1
-1
-1
0
-1
-1
-1
-1
0
0
0
-1
0
0
-1
-1
-1
-1
-1
0
0
0
-1
-1
-1
-1
-1
0
0
0

```
-1
0
0
-1
-1
-1
Jury's answer
0
-1
-1
0
-1
-1
-1
-1
0
0
-1
-1
-1
0
-1
0
-1
-1
-1
0
-1
-1
-1
0
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
0
0
0
0
-1
0
-1
0
-1
0
-1
-1
-1
-1
0
-1
0
0
-1
0
-1
0
-1
-1
-1
-1
0
-1
0
0
-1
-1
-1
-1
0
-1
```

```
0
-1
-1
-1
-1
0
-1
-1
0
0
-1
0
0
-1
-1
0
-1
-1
0
0
0
-1
-1
-1
-1
0
-1
0
0
-1
-1
-1
-1
```

Checker comment

ok OK (100 test cases)

9

Time: 15 ms, **memory:** 3796 KB

Verdict: OK

Input

```
20
5
5 0 40 28 0
24 17 5 17 10
5
1 24 40 10 8
0 0 48 0 35
5
0 28 0 0 25
3 24 21 5 0
5
29 0 12 1 9
11 18 0 0 21
5
0 14 28 27 10
0 6 20 12 41
5
5 0 9 27 48
0 0 41 0 48
5
11 18 0 30 0
18 30 0 11 0
5
40 0 0 39 0
23 27 12 4 1
5
33 0 46 0 0
```


[illegible]

[illegible]

[illegible]

ok OK (20 test cases)

59
2 4
2 4
2 4
2 4
2 4
2 4
2 6
2 6
2 6
2 6
2 6

2 6
3 6
3 6
3 6
3 6
3 6
3 6
7 6
7 6
7 6
7 6
7 6
7 6
7 6
7 6
7 8
7 8
7 8
7 8
7 8
7 8
7 8
7 8
9 8
9 8
9 8
9 8
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
9 10
29
3 1
3 2
4 2
4 2
4 2
4 2
4 2
4 2
4 2
4 2
4 2
4 5
4 6
4 10
4 10
7 10
7 10
7 10
7 10
8 10
8 10
8 10
8 10
8 10
8 10
8 10

Jury's answer

9 10
29
3 1
3 2
4 2
4 2
4 2
4 2
4 2
4 2
4 2
4 5
4 6
4 10
4 10
7 10
7 10
7 10
7 10
8 10
8 10
8 10
8 10
8 10
8 10
8 10
9 10
9 10
9 10
9 10
9 10
-1
25
3 1
3 1
3 1
3 1
...

Checker comment
ok OK (10 test cases)

11

Time: 31 ms, memory: 3796 KB

Verdict: OK

Input

100
100
2 1 0 0 0 1 1 1 0 2 1 2 2 0 0 3 3 1 2 3 1 3 1 1 1 0 0 3 1 1 1 1 0 1 0 3 1 0 0 0 0 1 0 2 1 0 1 2 2 2 2 0 0 0 1 0 1 3 0 2 0 0 1 0 1 0 3 0 0 3 2 1 0 1 0 0 1 0 3 0 0 1 3 1 4 0 0 1 1 0 0 1 0 1 1
1 0 1 1 3 3 0 4 1 0 0 1 1 1 1 1 1 0 1 0 0 2 0 0 1 1 1 1 2 2 1 1 1 0 2 1 4 5 1 0 2 0 1 3 0 0 1 2 1 1 0 1 1 3 0 0 1 0 2 1 2 2 0 1 1 1 0 1 2 1 1 2 0 0 0 0 1 1 2 0 0 0 0 0 3 1 1 0 0 0 0 1 1 2
100
1 0 0 0 0 0 2 0 2 1 1 1 1 2 1 1 3 0 0 0 0 2 0 1 1 3 0 1 1 1 0 1 0 0 2 0 2 1 0 1 3 0 1 0 0 2 0 ...

Participant's output

56
1 3
2 4
8 5
10 5
11 5
12 6
12 6
13 7
16 7
16 9
17 9
17 9
19 9
19 14
20 15
20 23

21 26
22 27
22 30
22 31
24 33
25 38
28 38
28 38
36 38
44 39
47 39
48 39
50 39
51 39
57 40
58 42
58 45
67 45
67 53
70 54
71 55
74 55
77 61
79 62
79 62
82 63
83 66
83 69
83 73
84 73
85 78
85 80
85 80
85 86
89 86
92 86
96 87
97 93
98 95
99 100
50
1 2
9 2
9 4
10 5
14 5
17 6
17 12
17 16
22 16
24 19
25 21
26 23
26 23
32 27
37 28
37 29
38 33
40 34
41 36
46...

Jury's answer

56
1 3
2 4
8 5
10 5
11 5
12 6
12 6
13 7
16 7


```
16 9
17 9
17 9
19 9
19 14
20 15
20 23
21 26
22 27
22 30
22 31
24 33
25 38
28 38
28 38
36 38
44 39
47 39
48 39
50 39
51 39
57 40
58 42
58 45
67 45
67 53
70 54
71 55
74 55
77 61
79 62
79 62
82 63
83 66
83 69
83 73
84 73
85 78
85 80
85 80
85 86
89 86
92 86
96 87
97 93
98 95
99 100
50
1 2
9 2
9 4
10 5
14 5
17 6
17 12
17 16
22 16
24 19
25 21
26 23
26 23
32 27
37 28
37 29
38 33
40 34
41 36
46...
```

Checker comment

ok OK (100 test cases)

1

```
44 6
1
26 81
1
22 68
1
47 2
1
90 93
1
37 29
1
28 50
1
69 77
1
20 16
1
45 93
1
20 91
1
35 2
1
27 14
1
53 3
1
70 69
1
99 12
1
99 35
1
49 55
1
21 63
1
68 28
1
47 45
1
6 29
1
44 5
...
Jury's answer
1
62 84
1
89 96
1
52 45
1
47 65
1
71 39
1
71 76
1
66 51
1
19 21
1
32 81
1
35 77
1
81 64
1
40 98
1
```

2 69
1
26 31
1
17 38
1
86 10
1
12 98
1
72 31
1
41 11
1
64 59
1
87 15
1
72 91
1
8 3
1
90 35
1
62 57
1
78 28
1
25 98
1
22 62
1
22 50
1
44 6
1
26 81
1
22 68
1
47 2
1
90 93
1
37 29
1
28 50
1
69 77
1
20 16
1
45 93
1
20 91
1
35 2
1
27 14
1
53 3
1
70 69
1
99 12
1
99 35
1
49 55
1
21 63
1

Checker comment
ok OK (100 test cases)

ok OK (1 test case)

79 10

```
97 86
2
77 60
92 78
2
29 35
32 49
2
2 44
80 83
2
10 72
74 98
2
41 33
66 92
2
6 17
73 83
2
14 41
18 44
2
10 33
72 97
2
20 7
29 58
2
58 23
70 62
2
51 5
72 67
2
61 2
67 75
2
33 16
73 79
2
42 5
42 89
2
42 61
97 84
2
24 16
49 67
2
62 21
69 31
2
3 2
78 59
2
9 62
47 63
2
7 5
20 84
2
53 34
94 48
2
71 50
72 5...
Jury's answer
2
37 30
96 71
2
```

13 4
94 68
2
11 32
46 81
2
3 31
70 53
2
24 56
94 79
2
20 46
49 54
2
28 7
70 80
2
24 79
60 100
2
79 10
97 86
2
77 60
92 78
2
29 35
32 49
2
2 44
80 83
2
10 72
74 98
2
41 33
66 92
2
6 17
73 83
2
14 41
18 44
2
10 33
72 97
2
20 7
29 58
2
58 23
70 62
2
51 5
72 67
2
61 2
67 75
2
33 16
73 79
2
42 5
42 89
2
42 61
97 84
2
24 16
49 67
2

Checker comment
ok OK (100 test cases)

6 1
7 3
8 3
9 15
9 16
10 19
17 19
26 19
29 19
30 21
35 21
37 25
37 31
37 31
49 34
50 34
52 34
53 42
58 44
58 45
61 54
69 54
69 57
73 57
73 60
79 65
90 65
90 70
91 76
92 76
94 84
95 97
99 97
34
1 3
6 18
6 27


```
7 32
8 33
8 34
9 36
11 47
12 47
16 48
16 49
17 55
19 56
22 57
23 62
24 63
25 68
28 70
39 85
42 86
45 86
51 88
54 89
61 89
65 91
65 92
69 92
73 94
75 94
76 98
77 99
82 99
87 99
97 100
```

```
33
1 7
2 15
9 15
9 15
14 16
18 19
18 20
2...
```

Jury's answer

```
33
6 1
7 3
8 3
9 15
9 16
10 19
17 19
26 19
29 19
30 21
35 21
37 25
37 31
37 31
49 34
50 34
52 34
53 42
58 44
58 45
61 54
69 54
69 57
73 57
73 60
79 65
90 65
90 70
91 76
92 76
```

```
94 84
95 97
99 97
34
1 3
6 18
6 27
7 32
8 33
8 34
9 36
11 47
12 47
16 48
16 49
17 55
19 56
22 57
23 62
24 63
25 68
28 70
39 85
42 86
45 86
51 88
54 89
61 89
65 91
65 92
69 92
73 94
75 94
76 98
77 99
82 99
87 99
97 100
33
1 7
2 15
9 15
9 15
14 16
18 19
18 20
2...
```

Checker comment
ok OK (100 test cases)

16

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

Verdict: OK

Input

```
1
2
2 0
0 0
```

Participant's output

```
-1
```

Jury's answer

```
-1
```

Checker comment
ok OK (1 test case)

17

Time: 0 ms, **memory:** 3648 KB**Verdict:** OK**Input**1
2
2 2
1 1**Participant's output**

-1

Jury's answer

-1

Checker comment

ok OK (1 test case)

18**Time:** 15 ms, **memory:** 3640 KB**Verdict:** OK**Input**1
2
5 6
1 2**Participant's output**

-1

Jury's answer

-1

Checker comment

ok OK (1 test case)

19**Time:** 15 ms, **memory:** 3644 KB**Verdict:** OK**Input**2
2
1 1
3 3
4
1 2 3 10
9 6 7 50**Participant's output**

-1

-1

Jury's answer

-1

-1

Checker comment

ok OK (2 test cases)

