Hi all,

"Learn You All Programming Languages"

Wally Yang

Weekly Challenge #0 Review

Complementary Colors

Chenzhang Hu

Weekly Challenge #1

Laurence Liu

Lucky Number

Do you have a lucky number?
Let's play a game:

Lucky Number

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Let's play a game:

Given a number x, each player, in order, can increase x by one, decrease it by one, or do nothing

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Given a number x, each player, in order, can increase x by one, decrease it by one, or do nothing.

Suppose all players are smart enough, know each other's lucky numbers,

Lucky Number

can increase x by one, decrease it by one, or do nothing.

Suppose all players are smart enough, know each other's lucky numbers, and want the final x to be as close as

Lucky Number

one, or do nothing.

Suppose all players are smart enough, know each other's lucky numbers, and want the final x to be as close as possible to their own lucky numbers.

Lucky Number

Suppose all players are smart enough, know each other's lucky numbers, and want the final x to be as close as possible to their own lucky numbers. What will the final x be?

Sample Input

```
7 10
10
6
0
8
42
9
3
```

Sample Output

```
5
```

Similar problem
from a real contest

The Uxuhul Voting

https://open.kattis.com
/contests/jwdoq5
/problems/uxuhulvoting