

The contest is in progress. It ends 4 days from now.

Contests > IEEEExtreme 7.0 (WarmUp Session) >

## Demo\_Problem\_AB<sup>Max Score: 100pts dynamic</sup>

Problem

☰ Submissions

🏆 Leaderboard

💬 Discussions

Louis Carrol wrote a nice riddle: “Given that one glass of lemonade, 3 sandwiches, and 7 biscuits, cost 14\$; and that one glass of lemonade, 4 sandwiches, and 10 biscuits, cost 17\$; find the cost of 2 glasses of lemonade, 3 sandwiches, and 5 biscuits?”

We want you to write a program, given the input in sample input 1 to give the right solution, as a rational number in a reduced form and positive denominator: 19/1.

In some cases, the problem can not be solved; in which case you should output “?”. For example, see sample input 2.

Note that the first input line contains the number of lines in the rest of the input.

### Sample input(1):

```
3
1 3 7 14
1 4 10 17
2 3 5
```

### Sample output(1):

```
19/1
```

### Sample input(2):

```
3
1 1 4 4 10
1 1 5 5 12
1 0 0 0
```

### Sample output(2):

?

### Sample input(3):

```
4
1 4 1 4 2 1 3 5 6
2 7 1 8 2 8 1 8 3
3 1 4 1 5 9 2 6 5
0 1 -11 11 -19 54 -43 -11
```

### Sample output(3):

-77/1

Suggest Edits

EmacsNormalVim

Select Language: C

save code

```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main() {
7
8     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     return 0;
10 }
11
```

Line: 1 Col: 1 Count: 190

☐ Use a custom test case

 Upload Code as File

Compile & Test

Submit Code