

Problem F. Shoe Fit

Time limit	500 ms
Code length Limit	50000 B
OS	Linux

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You have three shoes of the same size lying around. Each shoe is either a left shoe (represented using 0) or a right shoe (represented using 1). Given A, B, C , representing the information for each shoe, find out whether you can go out now, wearing one left shoe and one right shoe.

Input Format

- The first line contains an integer T , the number of test cases. Then the test cases follow.
- Each test case contains a single line of input, three integers A, B, C .

Output Format

For each test case, output in a single line the answer: 1 if it's possible to go out with a pair of shoes and 0 if not.

Constraints

- $1 \leq T \leq 8$
- $0 \leq A, B, C \leq 1$

Sample 1

Input	Output
3 0 0 0 0 1 1 1 0 1	0 1 1

****Test Case 1:**** Since there's no right shoe, it's not possible to go out with a pair of shoes.

Test Case 2: It's possible to go out with a pair of shoes wearing the first and last shoes.

Test Case 3: It's possible to go out with a pair of shoes wearing the first and second shoes.