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# I "Really" Wanna Be the Guy

Problem Submiss
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There is a game called "I Wanna Be the Guy", consisting of n levels. Little X and his friend Little Y are addicted to the game. Each of them wants to pass the whole game.

Little X can pass only p levels of the game. And Little Y can pass only q levels of the game. You are given the indices of levels Little X can pass and the indices of levels Little Y can pass. Will Little X and Little Y pass the whole game, if they cooperate each other?

#### **Input Format**

The first line contains a single integer **n**.

The next line contains an integer p at first, then follows p distinct integers  $a_1$ ,  $a_2$ , ...,  $a_p$ . These integers denote the indices of levels Little X can pass. The next line contains the levels Little Y can pass in the same format. It's assumed that levels are numbered from 1 to n.

#### Constraints

 $1 \le n \le 100$ 

 $0 \le p, q \le n$ 

 $1 \le a_i \le n$ 

## **Output Format**

If they can pass all the levels, print "I become the guy.". If it's impossible, print "Oh, my keyboard!" (without the quotes).

#### Sample Input 0

4 3 1 2 3

#### Sample Output 0

I become the guy.

## Explanation 0

In the first sample, Little X can pass levels [1, 2, 3], and Little Y can pass level [2, 4], so they can pass all the levels both.

#### Sample Input 1

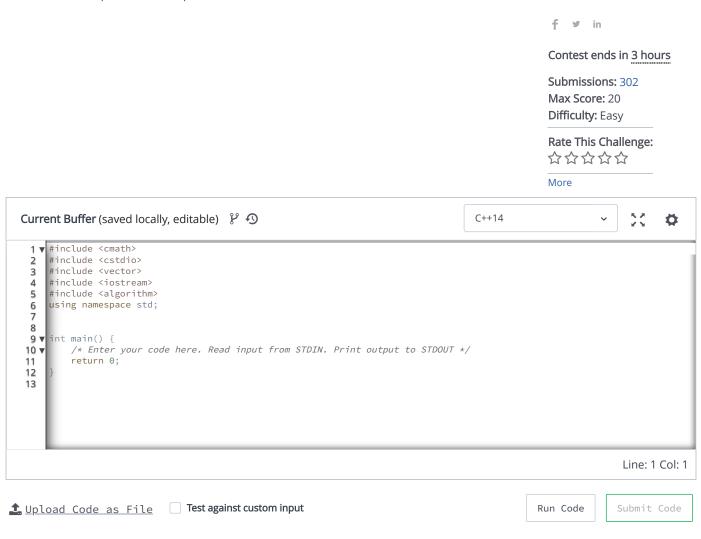
4 3 1 2 3 2 2 3

## Sample Output 1

Oh, my keyboard!

#### **Explanation 1**

In the second sample, no one can pass level 4.



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