head of water

Solving this question is optional and its score is considered extra.

** Please note that you do not have the right to use the if command in solving this question (except for checking for the existence of an answer). It will not belong to you. **

One day, a donkey belonging to desert areas saw a mirage in the desert and because of being a donkey, he started swimming in it and since the desert is endless, he continued and continued. Donkeys have a special way of swimming, which is known as donkey swimming. If we show the desert as a coordinate system where the donkey starts swimming from its origin, the donkey will move around in the desert as a result of the donkey swimming.

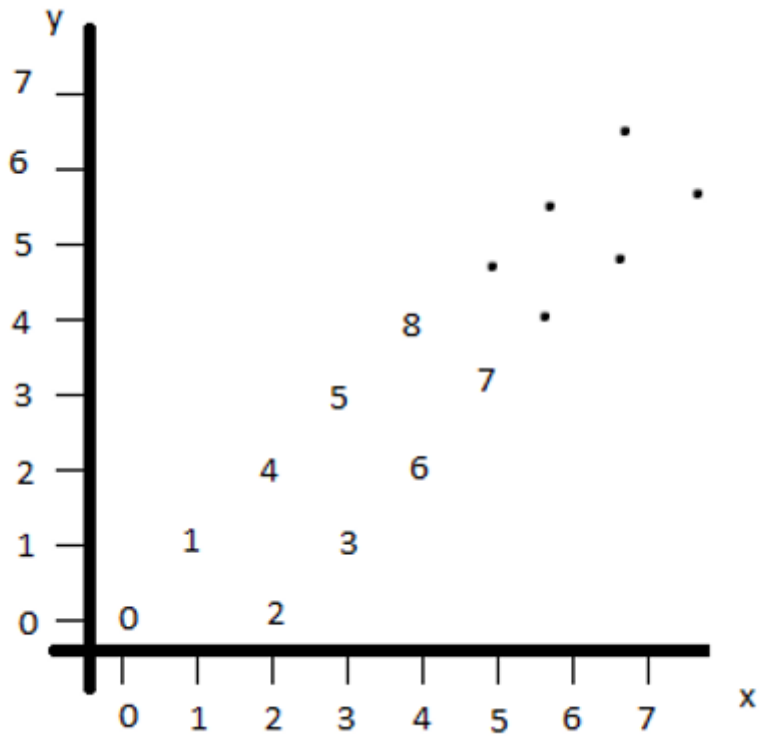
Questions

100 The broken heart of Genghis
100 grand theft
100 Pythagorean numbers
150 !!!R
150 second degree equation
100 Ojulat
200 head of water

All submissions

Final submissions

Scoreboard



The number written in the house (x,y) indicates the time the donkey was in that house. A long time later, when the other donkeys found out about the matter, they went after the missing donkey and scattered in the desert. Now everyone has reached a place in the desert and wants to know when the lost donkey was there so that he can find it. They are donkeys and they need your help to get answers to their questions and find the missing donkey.

Input

The input contains two numbers, x and y, which are the coordinates of the question.

$$0 \leq x_y \leq 5000$$

Output

In the output, show the presence time of the missing donkey in that house, and if the donkey has never been in that house, print 1-.

Example

Sample input 1

```
3 1
```

Sample output 1

```
3
```

Sample input 2

```
6 4
```

Sample output 2

```
10
```

** Please note that you do not have the right to use the if command in solving this question (except for checking for the existence of an answer). It will not belong to you. **

POST AN ANSWER TO THIS QUESTION

.The training period is over

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