Cerca amb finestra P89247_en

Given a sequence of integer numbers, print the first pair x and y with exactly an integer in the middle, and such that the remainder of divide $x + y$ by 100 is 1.

Input

Input is a sequence of, at least, three integer numbers. In absolute value, none of them is greater than 1000000.

Output

Your program must print the first pair of integer numbers x and y with exactly an integer in the middle in the input sequence, and such taht the remainder of divide $x + y$ by 100 is 1. If this pair does not exist, indicate it. Follow the format of the examples.

Observation

Be careful with the modulo of negative numbers!

Sample input 1

```
5 10 -3 20 204 81 18
```

Sample output 1

```
-3 204
```

Sample input 2

```
1 2 3 4 5 6 7 8 9 10
```

Sample output 2

```
The searched pair does not exist.
```

Sample input 3

```
-1000 0 1
```

Sample output 3

```
-1000 1
```

Problem information

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