

COCI '10 Contest 3 #2 Zbroj

Time limit: 1.0s **Memory limit:** 32M

After he got tired of rotating tables, the teacher gave Perica another problem. She wrote two integers, A and B , on the blackboard and asked him to add them.

Perica is never wrong with his calculation, but sometimes he doesn't copy the numbers correctly. The only mistake he ever makes is copying a `5` as a `6`, and vice versa.

Given two numbers, A and B , calculate the minimum and the maximum sum Perica could possibly get.

Input Specification

The first and only line of input contains positive integers A and B ($1 \leq A, B \leq 1\,000\,000$).

Output Specification

In a single line of output, print two space separated integers, the minimum and maximum sum Perica could get.

Sample Input 1

```
11 25
```

Sample Output 1

```
36 37
```

Sample Input 2

```
1430 4862
```

Sample Output 2

```
6282 6292
```

Sample Input 3

16796 58786

Sample Output 3

74580 85582