

2374 - Adding Numbers II

Description

After he got tired of rotating tables, the teacher gave Alf another problem. She wrote two integers, A and B, on the blackboard and asked him to add them. Alf 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 viceversa. Given two numbers, A and B, calculate the minimum and the maximum sum Alf 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 single line of output, print two space separated integers, minimum and maximum sum Alf could get.

Sample input

```
11 25
```

Sample output

```
36 37
```

Hint(s)

Source	Alkaid & Mario
Added by	alkaid
Addition date	2013-05-08
Time limit (ms)	10000
Test limit (ms)	1000
Memory limit (kb)	130000