

## Problem G. Maximum Product

Input file: *standard input*  
Output file: *standard output*  
Time limit: 1 second  
Memory limit: 256 mebibytes

Find the number from the range  $[a, b]$  which has the maximum product of the digits.

### Input

The first line contains two positive integers  $a$  and  $b$  ( $1 \leq a \leq b \leq 10^{18}$ ): the left and the right ends of the range.

### Output

Print the number with the maximum product of the digits from the range  $[a, b]$ . If there are several possible answers, print any one of them.

### Examples

standard input	standard output
1 10	9
51 62	59