

## Problem H

# Beauty of a Number

**Time Limit: 1 second**  
**Memory Limit: 512 megabytes**

Dang loves numbers, but each number has its own beauty in Dang's eyes. The beauty of a number is defined as the multiplication of all its digits. For example, the number 123 has the beauty of  $1 \times 2 \times 3 = 6$ .

Dang wants to know what the most beautiful number in the range of  $[l, r]$ .

Your task is to help Dang find the beauty of the most beautiful number in the range of  $[l, r]$ .

### Input

The first line contains  $l$  and the second line contains  $r$ . The numbers of the digits of  $l$  and  $r$  are not greater than  $10^5$ .

### Output

The output contains only the beauty of the most beautiful number in the range of  $[l, r]$ . The output should be modulo by  $10^9 + 7$ .

### Sample Input

### Sample Output

1 30	18
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### Explanation

The most beautiful number in the range  $[1, 30]$  is 29 and its beauty is 18.