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

Explanation

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