Problem M
A Cute Number

Time Limit: 1 seconds

Memory Limit: 512 megabytes

A cute number is a natural number that has no leading zeroes and has no two adjacent digits the same.

You task is to find the number of cute numbers in between lower bound L and upper bound U (inclusive).

Input

The first line contains a single integer L, which is the lower bound.

The second line of the input contains a single integer U, which is the upper bound.

Constraints:

- $1 \leq L \leq U < 10^{10^5}$
- Note that the limits are not a misprint; L and U can be up to 10^5 digits.

Output

Output a single integer, which is the number of rainbow numbers between L and U (inclusive). Because this number may be very large, output it modulo 998244353.

Sample Input	Sample Output
1 10	10
12345 65432	35882