<https://codeforces.com/problemset/problem/1228/A>

A. Distinct Digits

time limit per test

1 second

memory limit per test

256 megabytes

input

standard input

output

standard output

You have two integers ll and rr. Find an integer xx which satisfies the conditions below:

* l≤x≤rl≤x≤r.
* All digits of xx are different.

If there are multiple answers, print any of them.

**Input**

The first line contains two integers ll and rr (1≤l≤r≤1051≤l≤r≤105).

**Output**

If an answer exists, print any of them. Otherwise, print −1−1.

**Examples**

**input**

**Copy**

121 130

**output**

**Copy**

123

**input**

**Copy**

98766 100000

**output**

**Copy**

-1

**Note**

In the first example, 123123 is one of the possible answers. However, 121121 can't be the answer, because there are multiple 11s on different digits.

In the second example, there is no valid answer.