



HOME TOP CONTESTS GYM PROBLEMSET GROUPS RATING API HELP HONORCUP Z CALENDAR

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS HACKS ROOM STANDINGS CUSTOM INVOCATION

# 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 l and r. Find an integer x which satisfies the conditions below:

- $l \leq x \leq r$ .
- All digits of  $\boldsymbol{x}$  are different.

If there are multiple answers, print any of them.

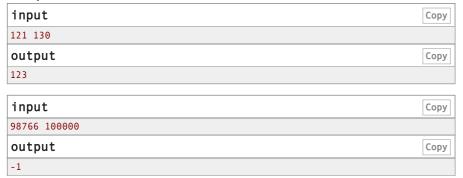
### Input

The first line contains two integers l and r ( $1 \le l \le r \le 10^5$ ).

### **Output**

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

### **Examples**



# Note

In the first example, 123 is one of the possible answers. However, 121 can't be the answer, because there are multiple 1s on different digits.

In the second example, there is no valid answer.

# Codeforces Round #589 (Div. 2) Finished Practice

# → Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

### → Practice

You are registered for practice. You can solve problems unofficially. Results can be found in the contest status and in the bottom of standings.

## → Clone Contest to Mashup

You can clone this contest to a mashup.

Clone Contest





→ Contest materials	
Announcement (en)	×
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