

01 Hr 02 Min  
22 Sec

### Guidelines

Coding Area

Editor | Compile &  
Run History

Submissions

Unevaluated  
Submissions

# Coding Area

A

B

C

ONLINE EDITOR (B)

Marks:100

## Exchange Digits

### + Problem Description

Compute nearest larger number by interchanging digits updated.

Given 2 numbers a and b find the smallest number greater than b by interchanging the digits of a and if not possible print -1.

### + Constraints

$1 \leq a, b \leq 10000000$

### + Input Format

2 numbers, a and b, separated by space.

### + Output

A single number, greater than than b.

If not possible, print -1.

### + Test Case

### + Explanation

Example 1

Input

459 500

Output

549

Example 2

Input

645757 457765

Output

465577

Example 3

Input

5964 9984

Output

-1

Upload Solution [ Question : B ]

☐ I, **Karandeep Singh** confirm that the answer submitted is my own.

☐ Took help from online sources (attributions)

Choose a  
File...