556. Next Greater Element III

Given a positive integer n, find the smallest integer which has exactly the same digits existing in the integer n and is greater in value than n. If no such positive integer exists, return -1.

Note that the returned integer should fit in 32-bit integer, if there is a valid answer but it does not fit in 32-bit integer, return -1.

Example 1:

- **Input:** n = 12
- **Output:** 21

Example 2:

- **Input:** n = 21
- **Output:** -1

Constraints:

- $1 <= n <= 2^{31} - 1$