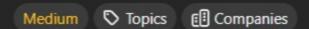
681. Next Closest Time Premium



Given a time represented in the format "HH:MM", form the next closest time by reusing the current digits. There is no limit on how many times a digit can be reused.

You may assume the given input string is always valid. For example, "01:34", "12:09" are all valid. "1:34", "12:9" are all invalid.

Example 1:

Input: time = "19:34"

Output: "19:39"

Explanation: The next closest time choosing from digits 1, 9, 3, 4, is 19:39, which

occurs 5 minutes later.

It is not 19:33, because this occurs 23 hours and 59 minutes later.

Example 2:

Input: time = "23:59"

Output: "22:22"

Explanation: The next closest time choosing from digits 2, 3, 5, 9, is 22:22.

It may be assumed that the returned time is next day's time since it is smaller than

the input time numerically.

Constraints:

- time.length == 5
- time is a valid time in the form "HH:MM".
- 0 <= HH < 24
- 0 <= MM < 60

Seen this question in a real interview before? 1/5



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