


 Description Solution Discuss (481) Submissions

681. Next Closest Time

Medium  567  832  Add to List  Share

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`", "`12:1`" 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 current time numerically.

Constraints:

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

Accepted 79,397 Submissions 172,414

Seen this question in a real interview before?

Companies  [i](#) Problems Pick One

< Prev