

949. Largest Time for Given Digits

Description

Given an array `arr` of 4 digits, find the latest 24-hour time that can be made using each digit **exactly once**.

24-hour times are formatted as `"HH:MM"`, where `HH` is between `00` and `23`, and `MM` is between `00` and `59`. The earliest 24-hour time is `00:00`, and the latest is `23:59`.

Return *the latest 24-hour time in `"HH:MM"` format*. If no valid time can be made, return an empty string.

Example 1:

Input: `arr = [1,2,3,4]`

Output: `"23:41"`

Explanation: The valid 24-hour times are `"12:34"`, `"12:43"`, `"13:24"`, `"13:42"`, `"14:23"`, `"14:32"`, `"21:34"`, `"21:43"`, `"23:14"`, and `"23:41"`. Of these times, `"23:41"` is the latest.

Example 2:

Input: `arr = [5,5,5,5]`

Output: `""`

Explanation: There are no valid 24-hour times as `"55:55"` is not valid.

Constraints:

- `arr.length == 4`
- `0 <= arr[i] <= 9`

