

Find if Digit Game Can Be Won - LeetCode

笔记本: leetcode

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3232. Find if Digit Game Can Be Won

You are given an array of **positive** integers `nums`.

Alice and Bob are playing a game. In the game, Alice can choose **either** all single-digit numbers or all double-digit numbers from `nums`, and the rest of the numbers are given to Bob. Alice wins if the sum of her numbers is **strictly greater** than the sum of Bob's numbers.

Return `true` if Alice can win this game, otherwise, return `false`.

Example 1:

Input: `nums = [1,2,3,4,10]`

Output: `false`

Explanation:

Alice cannot win by choosing either single-digit or double-digit numbers.

Example 2:

Input: `nums = [1,2,3,4,5,14]`

Output: `true`

Explanation:

Alice can win by choosing single-digit numbers which have a sum equal to 15.

Example 3:

Input: `nums = [5,5,5,25]`

Output: `true`

Explanation:

Alice can win by choosing double-digit numbers which have a sum equal to 25.

Constraints:

- `1 <= nums.length <= 100`
- `1 <= nums[i] <= 99`