3079. Find the Sum of Encrypted Integers

Description

You are given an integer array `nums` containing **positive** integers. We define a function `encrypt` such that `encrypt(x)` replaces **every** digit in `x` with the **largest** digit in `x`. For example, `encrypt(523) = 555` and `encrypt(213) = 333`.

Return *the **sum** of encrypted elements*.

Example 1:

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

Output: `6`

Explanation: The encrypted elements are `[1,2,3]`. The sum of encrypted elements is `1 + 2 + 3 == 6`.

Example 2:

Input: `nums = [10,21,31]`

Output: `66`

Explanation: The encrypted elements are `[11,22,33]`. The sum of encrypted elements is `11 + 22 + 33 == 66`.

Constraints:

- `1 <= nums.length <= 50`
- `1 <= nums[i] <= 1000`