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6939. Max Pair Sum in an Array

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You are given a **0-indexed** integer array `nums`. You have to find the **maximum** sum of a pair of numbers from `nums` such that the maximum **digit** in both numbers are equal.

Return *the maximum sum or* −1 *if no such pair exists*.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:

```
Input: nums = [51,71,17,24,42]
Output: 88
Explanation:
For i = 1 and j = 2, nums[i] and nums[j] have equal maximum digits with a pair sum of 71 + 17 =
For i = 3 and j = 4, nums[i] and nums[j] have equal maximum digits with a pair sum of 24 + 42 =
It can be shown that there are no other pairs with equal maximum digits, so the answer is 88.
```

Example 2:

```
Input: nums = [1,2,3,4]
Output: −1
Explanation: No pair exists in nums with equal maximum digits.
```

Constraints:

- `2 <= nums.length <= 100`
- $1 <= nums[i] <= 10^4$

JavaScript ▾   ⟨⟩   ↻   ⚙

```javascript
 1  const maxSum = (a) => {
 2      let n = a.length, res = -1;
 3      for(let i = 0; i < n; i++) {
 4          for(let j = i + 1; j < n; j++) {
 5              if (maxDigit(a[i]) == maxDigit(a[j])) {
 6                  res = Math.max(res, a[i] + a[j]);
 7              }
 8          }
 9      }
10      return res;
11  };
12
13  const maxDigit = (x) => {
14      let a = (x + '').split("").map(Number);
15      return Math.max(...a);
16  };
```

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Submission Result: Accepted (/submissions/detail/1019727602/) ❓   More Details ❯ (/submissions/detail/1019727602/)

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