

5984. Minimum Sum of Four Digit Number After Splitting Digits

My Submissions (/contest/biweekly-contest-71/problems/minimum-sum-of-four-digit-number-after-splitting-digits/submissions/)

Back to Contest (/contest/biweekly-contest-71/)

You are given a **positive** integer `num` consisting of exactly four digits. Split `num` into two new integers `new1` and `new2` by using the **digits** found in `num` . **Leading zeros** are allowed in `new1` and `new2` , and **all** the digits found in `num` must be used.

- For example, given `num = 2932` , you have the following digits: two `2` 's, one `9` and one `3` . Some of the possible pairs `[new1, new2]` are `[22, 93]` , `[23, 92]` , `[223, 9]` and `[2, 329]` .

Return the **minimum** possible sum of `new1` and `new2` .

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

Example 1:

Input: `num = 2932`
Output: `52`
Explanation: Some possible pairs `[new1, new2]` are `[29, 23]`, `[223, 9]`, etc.
The minimum sum can be obtained by the pair `[29, 23]`: `29 + 23 = 52`.

Example 2:

Input: `num = 4009`
Output: `13`
Explanation: Some possible pairs `[new1, new2]` are `[0, 49]`, `[490, 0]`, etc.
The minimum sum can be obtained by the pair `[4, 9]`: `4 + 9 = 13`.

Constraints:

- `1000 <= num <= 9999`

Java

```
1 class Solution {
2     public int minimumSum(int num) {
3
4     }
5 }
```

☐ Custom Testcase

Use Example Testcases