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.

**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