Given an integer num, repeatedly add all its digits until the result has only one digit, and return it.

**Example 1:**

Input: num = 38  
Output: 2  
Explanation: The process is  
38 --> 3 + 8 --> 11  
11 --> 1 + 1 --> 2   
Since 2 has only one digit, return it.

**Example 2:**

Input: num = 0  
Output: 0

**Constraints:**

* 0 <= num <= 231 - 1

**Follow up:** Could you do it without any loop/recursion in O(1) runtime?