258. Add Digits

Hint

- 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:

- $0 <= num <= 2^{31} - 1$

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