258. Add Digits

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

**Code :**

class Solution {

    public int addDigits(int num) {

       int n;

       while(num > 9) {

           n = num;

           num = 0;

           while(n > 0) {

               num += (n % 10);

               n /= 10;

           }

       }

       return num;

    }

}