258. Add Digits Given an integer num, repeasedly add all its digits until the result has only one digit, and return it. Ex1: Input: num = 38 Outputs: 2 Explanation: The process is  $38 \longrightarrow 3 + 8 \longrightarrow 11$  $11 \rightarrow 1+1 \rightarrow 2$ Since 2 has only one digit, return 1 \* Tips Lets say we have a number 235  $\frac{2}{3}\frac{3}{5} = d_0 + d_1 \cdot 10 + d_2 \cdot 100$ = do + da (9.1+1) + d2. (9.11+1) = do + d1 + d2 + 9(11.1 + d2.11) divisible by 9 - Ay Any number can be written in the form of a + 9b where a is the sum of its digit Solution: def add Digits (num) if num == 0: return 0 return 9 if num % 9 == 0 else num % 9