Add Two Numbers * Key concept to iteratively add new node in linked list. : Tow one given two non empty linked lists representing non-negative integers. The digits are a single digit. Add two pumbers and petern the sum as a linked list. E_x) 2 → 4 → 3 Input: 1=[2,4,3] L=[5,6,4] Output: [1,0,8] Explaination: 342+465 = 801 Ex 2) 9+9+9+9+9+ 9+9+9+9 Input: 1 = [9,9,9,9,9,7] 12=[9,9,99] Output: [B, 9,9, 9, 0,0,0, 1] Explaination: 9999999+9999 = 10009998 Idea: Need 'carry' (any:/ ex) 9+1: digit: 6 4 5 dioit: 9-11 154:0 digit:1 cory: 1 comy: 0 Carry: 0 в 0 Algorithm : head = ListNode(0) toil = head # Pointer at new head Carry =0 While I, is not None or le is not None comy != 0: get val from 1, (0) в 12 ord disit & cony 1. tail -> 2. tail -> 3. fail + 4. fail newNode = ListNode(digit) tail next= new Node tail = tail.next