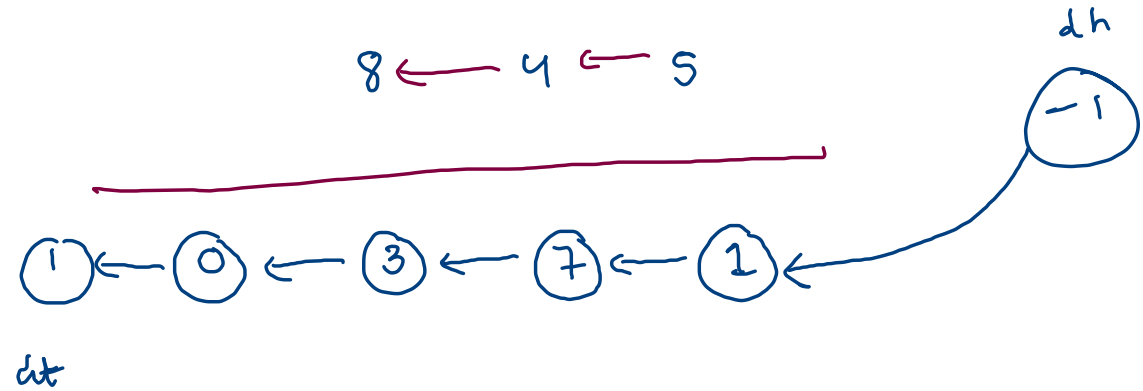


Add Two Linkedlist



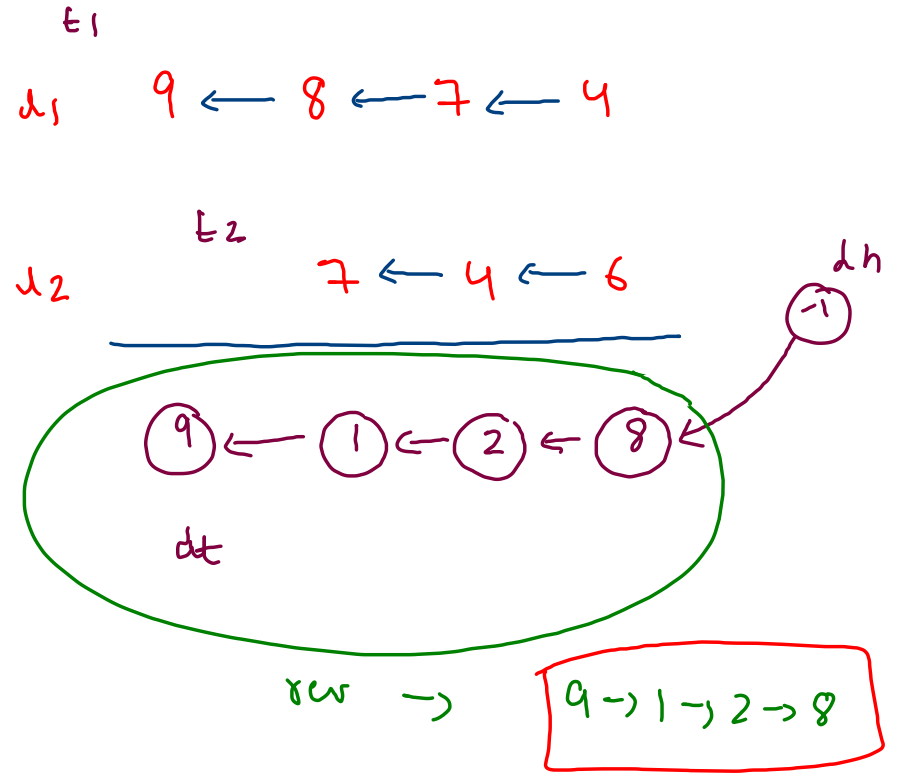
dh.next : 1 → 7 → 3 → 0 → 1

rev(dh.next) → ans

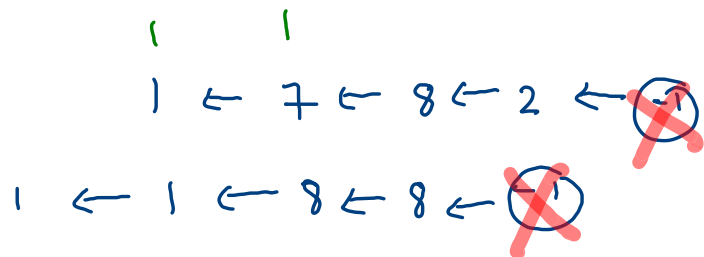
ans: 1 → 0 → 3 → 7 → 1

Subtract Two Linkedlist

1. You are give two single linkedlist of digits.
2. The most significant digit comes first and each of their nodes contain a single digit. Subtract the two numbers and return it as a linked list.
3. You may assume the two numbers do not contain any leading zero, except the number 0 itself.
4. any list can be larger in term of number.



Multiply Two Linkedlist



(1 ← 3 ← 6 ← 6 ← 2)

row

594 x 23 →

(594 x 3) + (594 x 2) x 10

594 (3 + 20)

5 ← 9 ← 4

2 ← 3

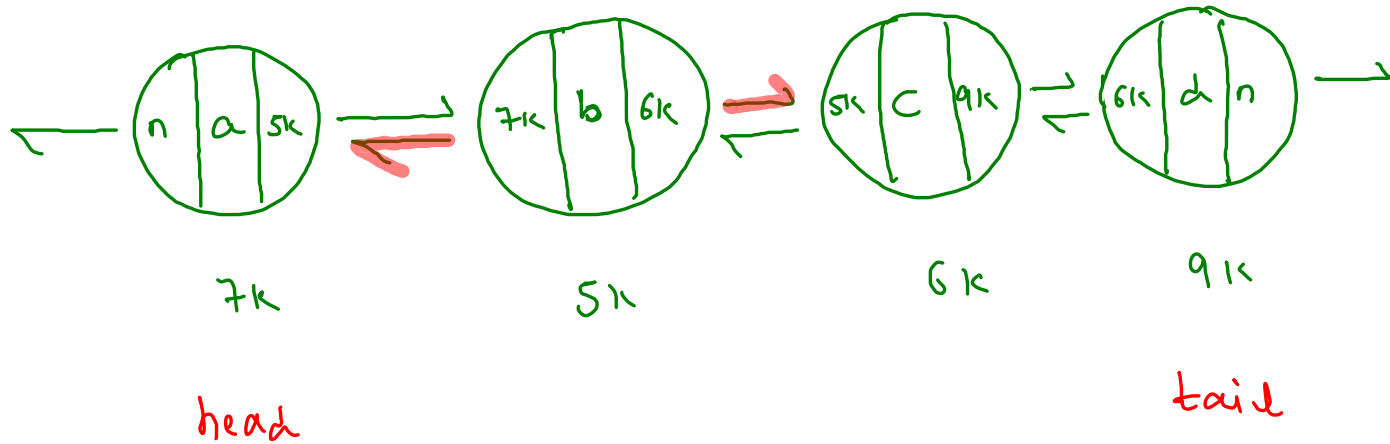
1 → 3 → 6 → 6 → 2

Single Digit mult

(41, a)

→

Doubly LL



LLNode

-> int val

-> Node next

-> Node prev