## 1. Add Two Numbers

You are given two **non-empty** linked lists representing two non-negative integers. The digits are stored in reverse order and each of their nodes contain a single digit. Add the two numbers and return it as a linked list.

You may assume the two numbers do not contain any leading zero, except the number 0 itself.

Input: 
$$(2 \rightarrow 4 \rightarrow 3) + (5 \rightarrow 6 \rightarrow 4)$$

Output: 
$$7 \rightarrow 0 \rightarrow 8$$