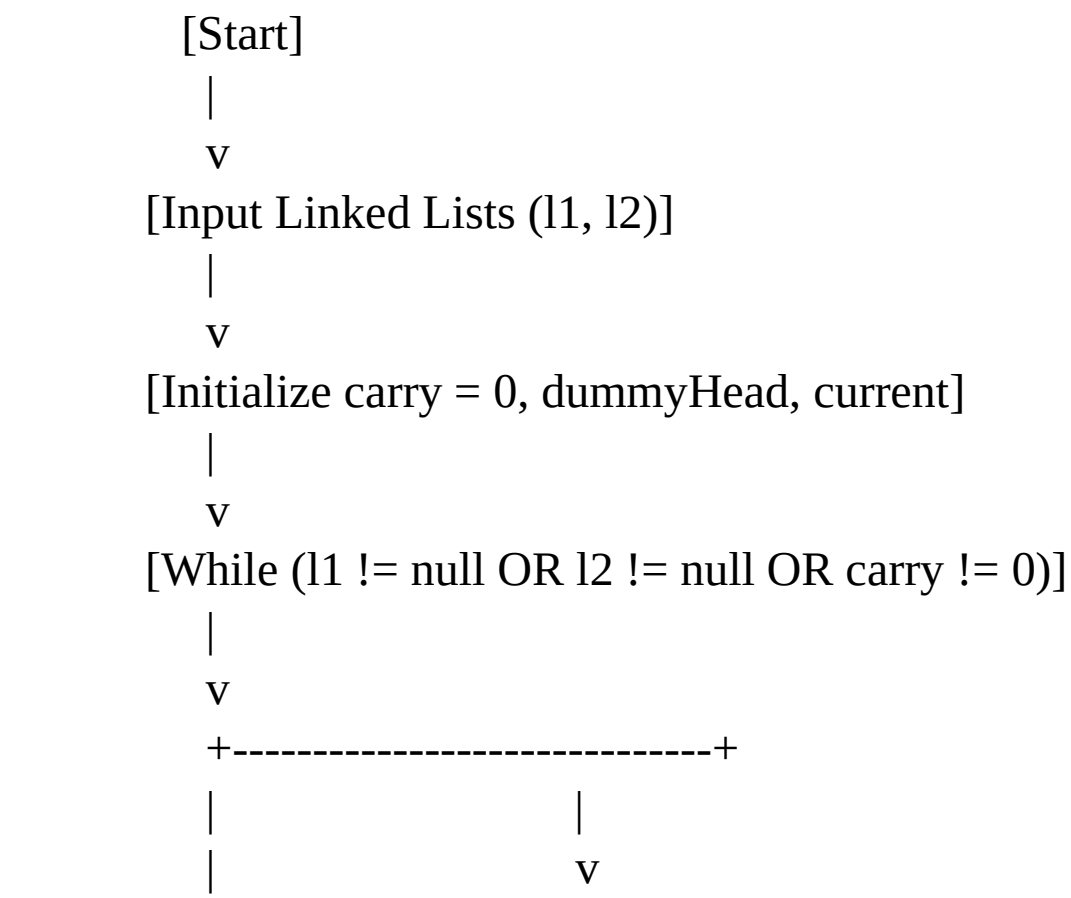
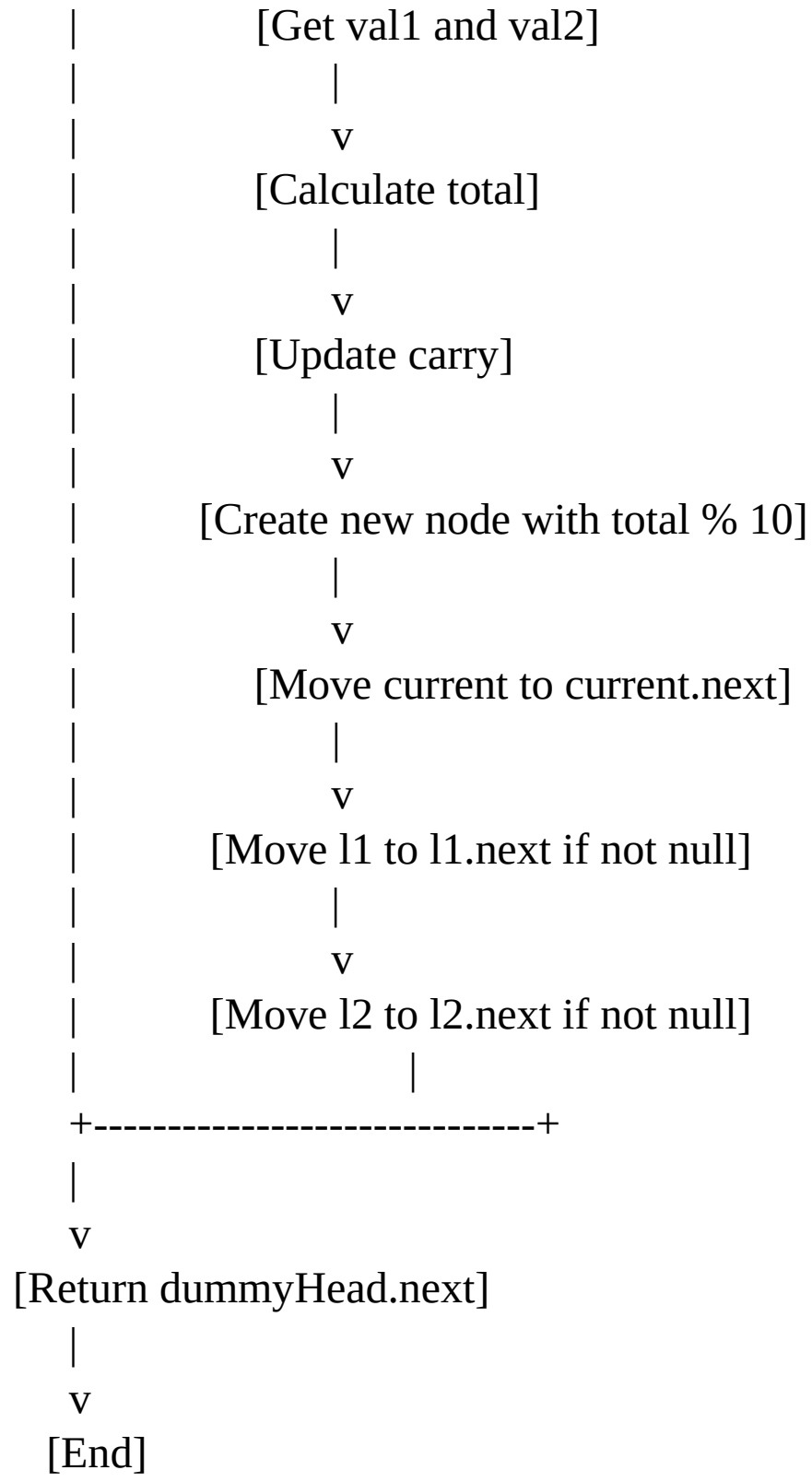
❖ Add List:

- Explanation:
  The problem involves adding two non-negative integers represented as linked lists, where each node contains a single digit, stored in reverse order (the least significant digit first). For example, the linked list [2 → 4 → 3] represents the number 342. The goal is to compute the sum of these two numbers and return the result as a new linked list in the same reverse order format. The solution requires handling carries appropriately during the addition of corresponding digits.
- Time Complexity and Space Complexity:
  - O(m+n) O(m+n)
- Flowchart:




[Get val1 and val2]
[Calculate total]
[Update carry]
[Create new node with total % 10]
[Move current to current.next]
[Move l1 to l1.next if not null]
[Move l2 to l2.next if not null]
[Return dummyHead.next]
[End]