- Linked list operations

Implement Linked List operations. You cannot use existing List APIs. Please implement the following operations:

(a) getSize(ListNode head): return the size of the linked list

(b) isNull(ListNode head): return true if the linked list is NULL; else false

(c) display(ListNode head): print the value of each node in the linked list in order

(d) insert(ListNode head, int n, int val): insert a new node to the nth position, the value of the new node equals to val.

(e) remove(ListNode head, int n): remove the nth node

(f) removeVal(ListNode head, int val): remove all the nodes that have value equal to val.

(g) reverse(ListNode head): reverse the linked list