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**Task 9**

This program implements a **Circular Singly Linked List** where the last node points back to the first node, forming a loop.

### **Key Functions:**

1. **Insert at Front**:  
   * **Empty list**: New node points to itself.
   * **Non-empty list**: Insert before the head, update last node's next to the new node, and update head.
2. **Insert at Last**:  
   * **Empty list**: New node points to itself.
   * **Non-empty list**: Insert after the last node, update last node's next to point to the head.
3. **Insert at Nth Position**:  
   * **Position = 1**: Calls insertFront().
   * **Within list**: Insert at the (N-1)th position.
   * **Beyond list**: Calls insertLast().
4. **Display List**:  
   * Traverse and print nodes, stopping when the head is encountered again.
5. **Display Center Node**:  
   * **Slow and fast pointers**: Slow moves 1 step, fast moves 2 steps. When fast reaches end, slow is at the center node.

### **Display Reverse Explanation:**

1. **Reversing the List**:  
   * Reverse next pointers of each node without breaking the circular structure.
2. **Updating the Head**:  
   * After reversal, the last node becomes the new head.
3. **Displaying the Reversed List**:  
   * Traverse the list starting from the new head, printing nodes in reverse order.

