**Assignment: Linked List\_3**

1. Write a program that sums all the data values in a linked list and returns the total.
2. Implement a function to create a copy of a given linked list. Ensure the original list remains unchanged.
3. Develop a function that identifies the node at which two linked lists intersect and returns the data of that node.
4. Create a program that rearranges a linked list by placing all even integers before odd integers while maintaining their original order.
5. Write a function that traverses a linked list and removes any node that has a greater value to its right.
6. Assume each node in a linked list contains another sub-linked list. Flatten such a multilevel linked list into a single-level linked list.
7. Implement a function to check if the data of a linked list represents a palindrome.
8. Write a program to sort a linked list where the list elements are in alternating ascending and descending order.
9. If the number of nodes in the circular linked list is odd, the extra node should go to the first list.
10. Develop a function that merges 'k' sorted linked lists into one sorted linked list. Assume 'k' is greater than 1.