Question 1: Given the head of a singly linked list, find the middle node of the linked list.
- If the number of nodes is odd, return the middle node.
- If the number of nodes is even, there will be two middle nodes; in this case, return the right-biased middle node.

Input: 1 ->2 ->3 ->4 ->5 ->6

Output:4

Explanation:The list contains 6 nodes (even). The two middle nodes are 3 and 4. Since the problem asks for the right-biased middle, 4 is returned.

Question 2: Write a C program to find all pairs of nodes whose values sum to a given number.

Input: 1 2 3 4 5 6 7,Sum = 8

Output: **(**1,7) (2,6) (3,5)