### **Question 1 [15 Points]**

You are given a singly linked list of integers. Your task is to design a function **Sum\_check(head)** that compares the summation of the first half and last half elements (ignoring the middle element) of the list. You are given the head of a singly linked list. Each node in the list contains an integer value. Return True if the summation matches, and False otherwise.

**[Hint. You can create separate helper function(s). Do not need to write the driver code, or Node class, Assume that the size of the list will always be odd.]**

| **Sample Input:** | **Sample Output:** | **Explanation:** |
| --- | --- | --- |
| **4 -> 2 -> 5 -> 3 -> 3** | **True** | **Sum1 = 4 + 2 = 6**  **Sum2 = 3 + 3 = 6**  **Sum1 = Sum2, Hence True** |
| **1 -> 2 -> 3 -> 4 –> 5** | **False** | **Sum1 = 1 + 2 = 3**  **Sum2 = 4 + 5 = 9**  **Sum1 ≠ Sum2, Hence False** |