### **Problem Statement**

**Description**: Given a linked list, find the average of the elements at even index positions (0, 2, 4, ...) and the sum of the elements at odd index positions (1, 3, 5, ...). Additionally, print only the even-numbered elements from the linked list.

**Sample Input**:

* Linked list: 1 -> 2 -> 3 -> 4 -> 5 -> 6

**Sample Output**:

* Average of even index elements: 3
* Sum of odd index elements: 12
* Even-numbered elements: 2 4 6