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```
Enter the number of integers
4
Enter num 1: 1
Enter num 2: 1
Enter num 3: 2
Enter num 4: 1
Insert the value that you want insertion after
1
Insert the value that you want to insert
3
+++++++ After inserting ++++++
1      3      1      3      2      1      3

+++++++ Creating a linkedlist, Adding nodes, and removing some ++++++

After adding 3 nodes
Value : 2      number of occuerances: 1
Value : 3      number of occuerances: 1
Value : 4      number of occuerances: 1

After removing 2 nodes
Value : 2      number of occuerances: 1

+++++++ End of line ++++++

Way 1. After creating a linkedlist using the integers in the vector using the function written in the main
Value : 1      number of occuerances: 3
Value : 3      number of occuerances: 3
Value : 2      number of occuerances: 1

Sum of all nodes: 14
+++++++ End of line ++++++

Way 2. After creating a linkedlist using the integers in the vector using the member function written in the .h file
Value : 1      number of occuerances: 3
Value : 3      number of occuerances: 3
Value : 2      number of occuerances: 1

Sum of all nodes: 14
+++++++ End of line ++++++
```

Note: I did not understand in number (4) if the function is a member function or is one in the main. I created both and tested them and the results are handed in the above screenshots.

I used a reference these sources:

<https://www.geeksforgeeks.org/insertion-in-linked-list/>

<https://www.geeksforgeeks.org/remove-last-node-of-the-linked-list/>