

***** Explanation_6*****

- This algorithm takes in 2 Linked list and give union and intersection between the 2.

Time complexity:

Append-> $O(n)$

size -> $O(n)$

to_list -> $O(n)$

Union method has time complexity of $O(L1+L2)$ where $L1$ and $L2$ are length of the list.

Intersection method have time complexity of $O(L1+L2)$