QAP 2:

1. Given a sorted doubly linked list of N nodes and an integer X, the task is to find the sum of three nodes in the list which is closest to X.

   Example 1:
   INPUT: DLL: -8<->2<->3<->4<->5 X=1
   OUTPUT: 1
   EXPLANATION: The required three integers {-8,4,5} whose sum is 1 and is closest to 1.

   Example 2:
   INPUT: DLL: 1<->2<->3<->4 X=3
   OUTPUT: 6
   EXPLANATION: The required three integers are {1,2,3} whose sum is 6 and is closest to 3.

   NOTE: This is a reference to the question. You can check it and get an idea of how they solved it and provide your own solution

   https://www.geeksforgeeks.org/find-triplet-sum-closest-to-x-in-a-sorted-doubly-linked-list-dll/?ref=rp

2. Given a singly linked list and a key, count the number of occurrences of the given key in the linked list. For example, if the given linked list is 1→2→1→2→1→3→1 and the given key is 1, then the output should be 4.

Reference: https://www.geeksforgeeks.org/write-a-function-that-counts-the-number-of-times-a-given-int-occurs-in-a-linked-list/