Assignment 10
Deadline: 26th Oct 2022

Reversal of Linked List

1. Given a singly linked list, give me the reversal of the linked list.
   For example
   Input - 1 -> 2 -> 3 -> 4 -> 5
   Output - 5 -> 4 -> 3 -> 2 -> 1
2. Convert a singly linked list into a circular linked list

   Palindrome Linked List
3. Write a function to check whether a given linked list is palindrome or not

   Sort 0s, 1s, and 2s in ascending order in Linked List
4. Given a linked list of N nodes where nodes can contain values 0s, 1s, and 2s only. The task is to segregate 0s, 1s, and 2s linked list such that all zeros segregate to the head side, 2s at the end of the linked list, and 1s in the mid of 0s and 2s.

   Linked List Cycle
5. Given a linked list, detect the loop inside the linked list.
6. Remove Nth Node from End of List
   Given the head of a linked list, remove the nth node from the end of the list and return its head.