**Open-Ended Lab Task Description for Odd Roll Number:**

**Title:** Delete N nodes after M nodes of a linked list

**Objective:**

Develop a program that manipulates a singly linked list based on specific user-defined rules. Explore how linked list operations can be customized to solve problems by implementing a feature to delete **n** nodes after skipping **m** nodes, repeating this until the end of the list.

**Task Instructions:**

1. **Program Requirements:**
   * Write a function that takes the following inputs:
     + A linked list of integers.
     + Two integers m (number of nodes to skip) and n (number of nodes to delete).
   * The function should repeatedly skip m nodes and delete the next n nodes until it reaches the end of the list.
2. **Flexibility in Implementation:**
   * Provide flexibility to the user to input their own linked list (either via console input or as hardcoded values).
   * Allow users to experiment with different values for m and n.
3. **Output Requirements:**
   * Display the original linked list and the resulting linked list after applying the operation.
   * Include appropriate error handling, such as when m or n are negative or when the linked list is empty.

**Submission Requirements:**

* Submit the program code along with comments explaining key sections of your implementation.
* Optional: Submit screenshots of sample outputs or visualizations if implemented.

**Examples:**

**Input**: Linked List: 9->1->3->5->9->4->10->1, n = 1, m = 2  
https://media.geeksforgeeks.org/img-practice/prod/addEditProblem/700021/Web/Other/blobid0_1720698284.png  
**Output**: 9->1->5->9->10->1  
https://media.geeksforgeeks.org/img-practice/prod/addEditProblem/700021/Web/Other/blobid4_1720698395.png  
**Explanation**: Deleting 1 node after skipping 2 nodes each time, we have list as 9-> 1-> 5-> 9-> 10-> 1.

**Input**: Linked List: 1->2->3->4->5->6, n = 1, m = 6  
https://media.geeksforgeeks.org/img-practice/prod/addEditProblem/700021/Web/Other/blobid2_1720698315.png  
**Output**: 1->2->3->4->5->6  
https://media.geeksforgeeks.org/img-practice/prod/addEditProblem/700021/Web/Other/blobid3_1720698324.png  
**Explanation**: After skipping 6 nodes for the first time , we will reach of end of the linked list, so, we will get the given linked list itself.