**Algorithm to insert node to end of Singly Linked List (SLL):**

1. Create new node *n, s*et next to *null*
2. If the SLL is empty:

2.1. Set *n* has SLL head

2.2. Return

1. Else, if elements are present in the SLL:

3.1. Traverse till last node in the SLL

3.2. Change the next of the last node in the SLL to *n*

**Algorithm to delete alternate nodes in a Singly Linked List (SLL):**

1. If the SLL is empty, return
2. Else, initialise previous node and current node
3. While neither the previous node or current node are empty, repeat:

3.1. Change the next link of the previous node to the next link of the current node freeing the current node

3.2. Empty the contents of current node

3.3. Traverse updating the previous and current nodes to the next set of nodes