

Data Structures and Algorithms - Assignment 3

1. Modify the insertion sort algorithm to sort the array in descending order
2. In singly linear list implement following operations.
 - insert a new node after a given node
 - insert a new node before a given node
3. Display Singly linear linked list in reverse order.
4. Write a function which will insert values in sorted order into linked list.
5. Display Doubly linear linked list in reverse order.

Optional

6. <https://leetcode.com/problems/remove-duplicates-from-sorted-array>
7. <https://leetcode.com/problems/substrings-of-size-three-with-distinct-characters>
8. <https://leetcode.com/problems/two-sum>
9. <https://leetcode.com/problems/merge-two-sorted-lists>