

## Output Program

### Question 1 Rotate a Linked List

- Given a singly linked list, rotate the linked list counter-clockwise by k nodes. Where k is a given positive integer.
- For example, if the given linked list is 10 -> 20 -> 30 -> 40 -> 50 -> 60
  - And k is 4, the list should be modified to 50 -> 60 -> 10 -> 20 -> 30 -> 40
  - Assume that k is smaller than the count of nodes in a linked list.

```
Linked list before rotating:
10 -> 20 -> 30 -> 40 -> 50 -> 60
Linked list after rotating by 4 positions:
50 -> 60 -> 10 -> 20 -> 30 -> 40
```

### Question 4 Remove duplicate element from sorted linked List

- Given a singly linked list consisting of N nodes. The task is to remove duplicated (node with duplicate vales) from the given list (if exist).

```
Linked list before remove duplicate element:
12 -> 11 -> 12 -> 21 -> 41 -> 43 -> 21
Linked list after remove duplicate element:
12 -> 11 -> 21 -> 41 -> 43
```