**Linked List Questions**

Q1. Given a linked list, find and return the length of input LL. Do it iteratively.

##### Sample Input :

3 4 5 2 6 1 9 -1

##### Sample Output :

7

**Q2. Print ith node**

Given a linked list and a position i, print the node at ith position.

If position i is greater than length of LL, then don't print anything.

Indexing starts from 0.

##### Sample Input 1 :

3 4 5 2 6 1 9 -1

3

##### Sample Output 1 :

2

**Q3. Delete node in LL**

Given a linked list and a position i, delete the node of ith position from Linked List iteratively. If position i is greater than length of LL, then you should return the same LL without any change. Indexing starts from 0. You don't need to print the elements, just delete the node and return the head of updated LL.

##### Sample Input 1 :

3 4 5 2 6 1 9 -1

3

##### Sample Output 1 :

3 4 5 6 1 9

**Q. Find a node in LL**

Given a linked list and an integer n you need to find and return index where n is present in the LL. Do this iteratively.

Return -1 if n is not present in the LL.

Indexing of nodes starts from 0.

##### Sample Input 1 :

3 4 5 2 6 1 9 -1

5

##### Sample Output 1 :

2

**Q. Append Last N To First**

Given a linked list and an integer n, append the last n elements of the LL to front.

Indexing starts from 0. You don't need to print the elements, just update the elements and return the head of updated LL.

Assume given n will be smaller than length of LL.

Line 1 : Linked list elements (separated by space and terminated by -1)`

##### Sample Input 1 :

1 2 3 4 5 -1

3

##### Sample Output 1 :

3 4 5 1 2

**Q. Eliminate duplicates from LL**

Given a sorted linked list (elements are sorted in ascending order). Eliminate duplicates from the given LL, such that output LL contains only unique elements.

You don't need to print the elements, just remove duplicates and return the head of updated LL.

##### Sample Input 1 :

1 2 3 3 3 4 4 5 5 5 7 -1

##### Sample Output 1 :

1 2 3 4 5 7

**Q. Print reverse LinkedList**

Print a given linked list in reverse order. You need to print the tail first and head last. You can’t change any pointer in the linked list, just print it in reverse order.

Input format : Linked List elements (separated by space and terminated by -1)

Output format : Linked List elements in reverse order (separated by space)

##### Sample Input 1 :

1 2 3 4 5 -1

##### Sample Output 1 :

5 4 3 2 1