Assignment 4

a)Remove alternate nodes from a given linked list.

Input:

Output:

b) Reverse a linked list in groups of given size.

Input:

k=4

Output:

c) Delete duplicate elements from a given linked list. Retain the earliest entries.

Input:

Output:

d) Perform pair-wise swapping of nodes of a given linked list.

Input:

Output:

- e)Delete the smallest number in the doubly linked list.
- f) Find the smallest number in the doubly linked list.
- g)Take N numbers as input from the user and create a doubly linked list.
- h) Reverse a doubly linked list.
- ${f i}$) Make a function that adds a linked list to itself at the end.

Input:

Output: