Evaluation 1 set E

DS Lab ODD 2022

1. Write a Program to Create Doubly linkedList
2. Write a function to add new node in Doubly linkedList.
3. Write a function to determine the maximum sum of two consecutive numbers in a doubly-linked list without consuming any extra space or any extra loop for a given sorted doubly-linked list of positive distinct entries.
4. Display the sum as well as numbers

Input: head: 1 <-> 8 <-> 4 <-> 9 <-> 6 <-> 2 <-> 9->NULL

Pair : 9,6 Sum=15