

CS183-DS LAB-MID TERM

Date: 10-04-2019

Duration: 02 hrs

Max. Marks: 25

Program1: Check a number is palindrome or not using Linked List. - (5)

Program2: Given two Linked Lists that represent two large positive numbers. Add the two numbers and return result as Linked List. For example: - (5)

Input: list1 = 1->0->0->NULL and list2 = 1->NULL

Output: 1->0->1->NULL

Program 3: Implement Insertion and Deletion in Circular Linked List

Program 4: Implement Quick Sort and return sequence after completion of each pass.

Program 5: Implement a program to remove duplicates from Singly Linked List.