BRAC University (Department of Computer Science and Engineering)

CSE 220 (Data Structures) for Summer 2023 Semester

Lab Mid [CO3]
Section 17

Student ID:
Name:

Full Marks: 5
Duration: 20 minutes

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1. Write a method which takes a head of a sorted singly linked list as an input and returns the head of that same linked list where all the duplicate values are removed.

   Sample Input: 2-->2-->2-->2-->7-->7-->9-->10-->10-->10-->10-->12
   Sample Output: 2-->7-->9-->10-->12

   Sample Input: 3->3->3->6->9->9->13->13->13->13->15
   Sample Output: 3->6->9->13->15

   Tasks:
   a. Write a constructor of Node class.
   b. Write a method createList which returns the head of a linked list from an array input.
   c. Write a method remove_dup which returns the head of the given sorted linked list where all duplicate values are removed.

   Colab File: co **Lab Mid(CSE 220).ipynb**