

CSE2104 Offline-3

Implement 12 functions of singly linked list (as discussed in lab class) in a single .cpp file.

(1) insert first

(2) insert last

(3) insert anywhere

(4) delete first

(5) delete last

(6) delete anywhere

(7) printing() -> function to print the linked list

(8) searching() -> function to search in the linked list

(9) last_node() -> function to print the value of the last node

(10) previous_of_last_node() -> function to print the value of the previous node value of the last node

(11) list_size() -> function to print the size of the linked list

(12) main function -> no manual node creation/connection is allowed.

Submit the **.cpp** file. Follow the naming convention **StudentID_Offline3.cpp**. For example: 180104072_Offline3.cpp.