



## COLLEGE OF ENGINEERING & TECHNOLOGY

Department : Computer Engineering

Lecturer : Dr. Manal Helal.

Course : Data Structures

Course No. : CC215

TAs : Eng. Nour S. Eissa

### Sheet II

#### Implement the following using C/C++

- **LinkedList:**

- Add a member function to class LinkedList to delete data from the end of the list.
- Add a member function to the class LinkedList to delete a user's defined data from the LinkedList.
- Add a member function to display all the items inside a LinkedList.

- **Stack:**

- Define a new class for the Stack data structure. (based on LinkedList)
- Implement a member function that pushes data inside the stack.
- Implement a member function that pops the data from the stack.