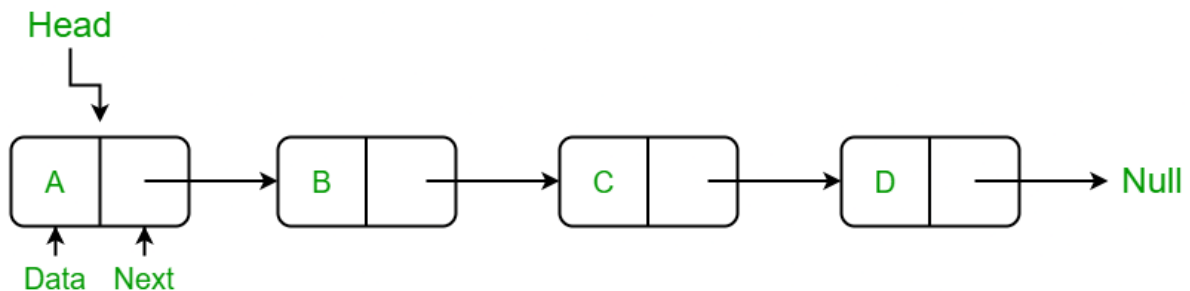


CS211 Lab 4

LINKED LISTS



Build your own linked list that works as follows:

The user is prompted to keep inputting words. Every time they enter a new word, a new link is created storing that word, and it is added to the head of the linked list.

When the user finally enters “END”, the program traverses the linked list (starting at the head) and prints out every word in it. The interaction should look something like this:

Enter a word: Maynooth

Enter a word: is

Enter a word: great!

Enter a word: END

great!

is

Maynooth

PEN AND PAPER EXERCISE

Draw on paper a double ended doubly linked list with 4 links, showing all the data and pointers that connect the links.

In your linked list include an *error* of your choice. Write one sentence about the implications of that error. What will go wrong, and when?