There are five different steps to this program, done in the following order:

- 1. Checking if the number of arguments is correct
- 2. Replacing all non-alphabetic characters in the string with spaces
- 3. Tokenizing the string into separate words
- 4. Traversing the linked list, and inserting the tokens into the linked list in alphabetic order
- 5. Printing the linked list, and then freeing it

The main function of the program builds the linked list by iterating through each token and sorting them into the linked list.

## Functions:

node\* add(node\* root, node\* newNode)

- Adds newNode to the linked list by traversing the list recursively, inserting it into alphabetic order, and returning the root of the modified linked list

node\* createNode(int length)

- Returns a new node struct with a char\* variable that has the length of the argument provided

void print(node\* root)

- Prints out the sorted linked list recursively

void freeLinkedList(node\* root)

- Frees all of the allocated memory in the linked list