Asst0: String Sorting

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Program compile setup:
gcc -Wall pointersorter.c -o pointersorter

Program input setup:
./pointersorter "<input text here>"
#Include the quotes please

Program Description:
The problem takes an inputted array of characters, and out puts each word in sorted order.

Used Data Structure:
Linked Lists

Algorithm:
The program will go through the characters and swap each non-alphabet character with a space. After that it will insert each word found into a linked list data structure in sorted order. We have a compare method that compares two arrays of characters lexicographically. Then while it prints out each node in the linked list, it will free up each node pointer.