

README

Given an input string of words separated by non alphabetic characters, the pointersorter.c file will sort them alphabetically.

- Main()
 - Main takes the string input from argv[1] and copies it into memory. Using the library functions strlen to get the length and malloc to allocate the space for it.
 - It then iterates over the string and replaces any non alphabetic characters with spaces (' ').
 - Then the sort() method is called.
- Sort()
 - The string is tokenized using the library function strtok and the spaces added in main to separate the given words.
 - An array of string pointers is allocated depending on the amount of words given and each string is copied into it.
 - The words are then sorted using the insertion sort algorithm and printed. Since it was not explicitly stated in the assignment description, the strings are sorted according to their corresponding ASCII values.