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Readme Ass0

Summary:

A simple C program tokenizer that takes a string of words and breaks it up into words alphabetically. Each word in the original string is separated by a delimiter like a space or special character.

Implementation:

A linked list data structure is used to hold the tokens. The isalpha function is used to check every character to see if it's a letter. A new linked list node is created to hold them, new_Node. Sorting is done by comparing new_Node and temp, which is another node that points to the head of the linked list, through the strcmp function, which uses lexicographically ASCII order. Finally, the tokens are printed.

Breakdown:

node- linked list structure used to hold component string pointers.

nodeCreate- creates a new linked list node and temporary node to compare and sort letters, returns the head of the linked list to be used in printing the whole sorted linked list.

printNode- prints the head of the linked list and the values next until there are none left, i.e. prints the tokens.