## LinkedList

Publlic:

LinkedList

~LinkedList

insertSorted

removeFirstTwo

print

getLength

getHead

isEmpty

Private:

head

length



## HuffmanNode

huffmanNode

next

LinkedListNode (HuffmanNode\* node)

## HuffmanTree

Publlic:

Huffman

~Huffman

freeTree

build

printTree

printCode

getCode

encode

decode

setRoot

getRoot

Private:

root

printTreeHelper

printCodeHelper

getCodeHelper

encodeHelper

decodeHelper



## HuffmanNode

character

frequency

left

right

HuffmanNode(char c, int f)