* Writes bits to output file
* Reads chars and gets bits
* Creates frequency table of ASCII char
* Outputs frequency table to .huff files
* Outputs freq-char pairs to heap as trees
* Create Huffman string tables
* Read frequency tables and output chars
* Reconstruction of Huffman trees
* User interface

Frequency table  
PQueue of trees  
Huffman tree  
User interface

Main

Node\* root  
Cut  
Print

* Builds Huffman tree
* Gets Huffman string from trees
* Builds char equivalent from Huffman string
* Returns the char’s Huffman strings

Tree

* Heap implementation
* Enqueues and dequeues elements to a priority queue
* Makes priority queues of trees to build a Huffman tree

Back  
Arr(dynamic)  
size  
D (max number of children

PQueue

Frequency table for ASCII characters

Char-string pairs

Huffman tree

String Table

End of file marker

**Huffman encoded characters**