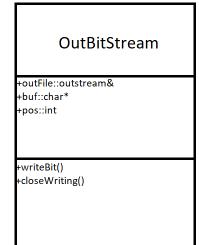


InBitStream +Infile::ifstream& +data::char* +index::int +size::int +countRead::int +getNextBit()



+arr::int[] +letters::char* +elementCount::int +frequency::int* +getLetters() +getFrequency() +getElementCount()

PriorityQueue +head::Node<T>* +elementCount::int +getElementCount() +isEmpty() +enqueue() +dequeue() +peek()

FinalApp FrequencyCounter object HuffmanTree object OutBitStream object InBitStream object +read file,encode, write to an output file. +read file,decode, write to an output file.

HuffmanTree

```
+root::TreeNode*
+code::string
+weight::int
+childCount::int
-
+mergeTrees()
```

+RemoveSubtree +cloneSubtrees +createTree() +decode() +getCode() which encodes

+isChild() +printOutChilds()