**File Compression Using Huffman Encoding**



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**Huffman Coding pseudocode**

Procedure HuffmanEncoding (PQ) //PQ is the priority Queue with Letters

      S = PQ.Size and Frequencies set it will be custom built

**while** S is not equal to 1 **do**

N = new Node ( )

N.left = PQ.pop

N.right = PQ.pop

           N.frequency = N.left.frequency + N.right.frequency

           PQ.Insert (N)

S = PQ.Size

**end while**

**return**  PQ.Top