Name: Yinsheng Dong
Student Number: 11148648
NSID: yid164
Lecture Section: CMPT 115 (02)

- Huffman tree

' " ' = 000
' t ' = 1
' h ' = 001
' i ' = 0011
' s ' = 010
' a ' = 011
' r ' = 0010
' n ' = 0000
' g ' = 0001
" space " = 01
"this is a string" = 000 1 001 0011 010 01 0011 010 01 011 01 010 1 0010 0011 0000 0001 000
                                " t h i s sp i s sp a sp s t r i n g "

Text