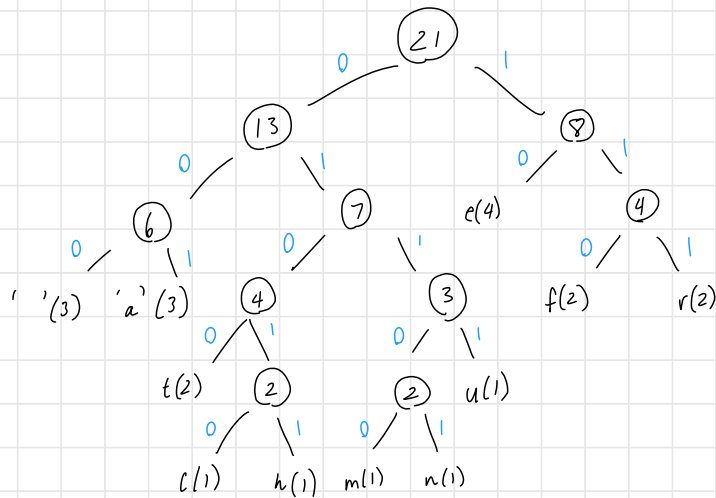


Huffman Tree Lab

"create a huffman tree"

'c':1, 'h':1, 'm':1, 'n':1, 'u':1, 'f':2, 'r':2, 't':2, ' ':3, 'a':3, 'e':4

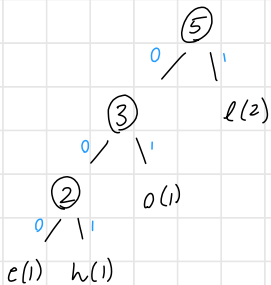


Huffman codes:

'e' : 10
' ' : 000
'a' : 001
'f' : 110
'r' : 111
't' : 0100
'u' : 0111
'c' : 01010
'h' : 01011
'm' : 01100
'n' : 01101

"create a huffman tree" = 01010111100010100100000010000101011011101001100001010000111010

Extra huffman tree example for input: hello



h: 001

e: 000

l: 1

o: 01

"hello" = 0010001101