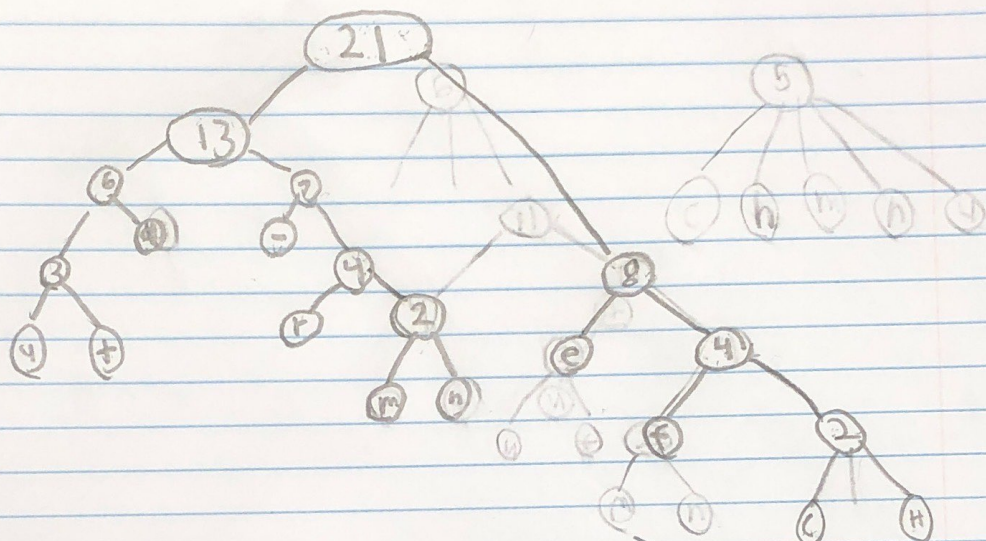


Tyler San

1) $c=3, r=2, e=4, d=3, t=2, h=1, u=1, f=2, m=1, n=1$
 $=3$

Encode: "111001101000100011001000101011
1100001101100111000101111010000101100101"



2) ~~111001101000100011001000101011~~
~~1100001101100111000101111010000101100101~~

"huffman tree"