CMSC 204 Huffman Lab

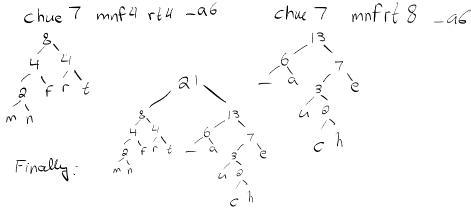
El Hadji Sy

1) Create a Huffman Tree and generate the codes for each character of the following input:

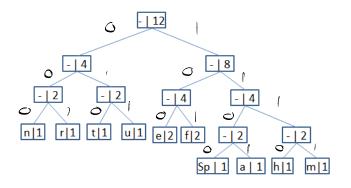
create a huffman tree

For consistency:

- 1. If same frequency put in priority queue alphabetically; put space <u>before</u> other characters of the same frequency
- 2. Add subtrees to end of group with same priority
- 3. Lower number has higher priority (goes to front)



2) Based on the following Huffman tree and binary sequence, what is the text



,111001110110111111111010001100010001100100
huffman_tree