Créatie à hoffmont trèe

CMSC 204 Huffman Lab

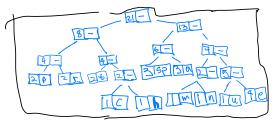
1) Create a Huffman Tree and generate the codes for each character of the following input:

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 <u>end</u> of group with same priority?
 - 3. Lower number has higher priority (goes to front)

Theletters needed: C, r, e, a, t, U, h, F creant unfinn space Frequency: 1,2,4,3,2,1,1,2,1,1,3 Priority queve MCI.

Code For: Create a huffman Eree 0110 001 1111 101 010 1111 100 101 100 0111 1110 0000 0000 1100 101 1101 100 010 001 1111 [11]



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

