

1 byte = 8 bits Huffman Coding

U Data compression Techniques

Highes Stepheny Lever number of bits Towar feetmenn

Higher Mumber of bits

Huffman Coding Tree a=45_55 15 Rook Node F= 3 Encoded Data 1 bit + 45 25) 9 ____35iL b-101 30 10 0 $C \rightarrow 10000$ 15 0 d ->11- 2 5it 5 Leaf e -> 1001 Hode f -> (000) + 5 5it

Priority Queve

Jaken two minima (Left-Smaller
(Dereved) Right - bigged)

2) Add the two minime &

invert back in

the data