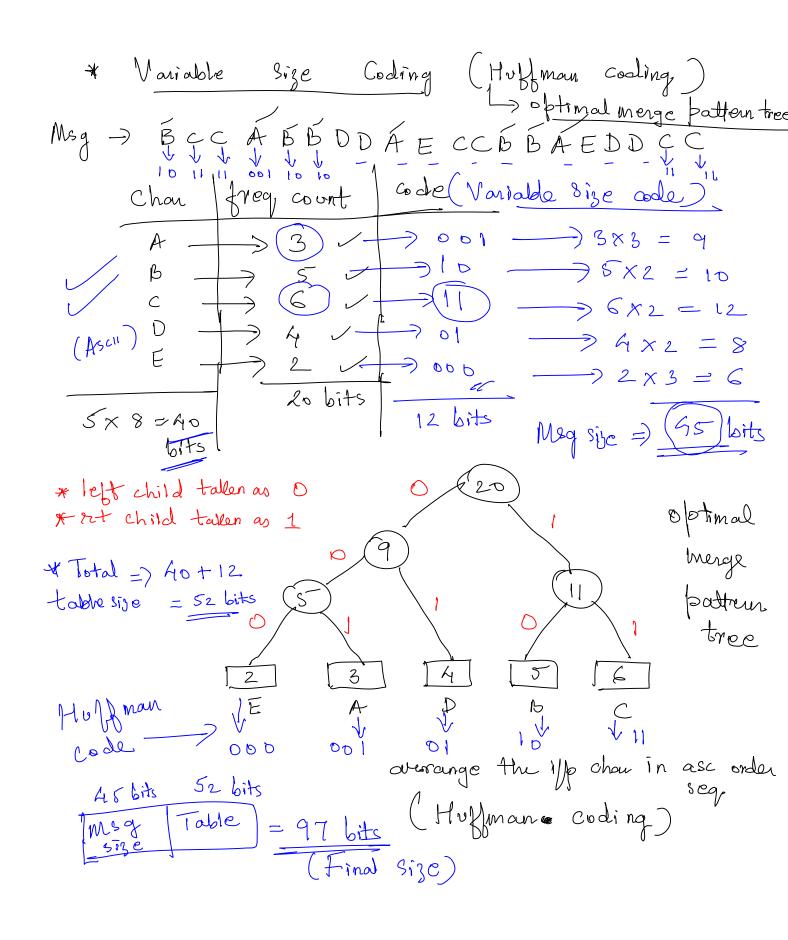
* Hullman Codes (Variable Size Coding) KN: Message: - BCCABBDDAECCBBAEDDCC(len=20) General way: - Asc 11 char of each symbol (8 bit) $20 \times 8 = (60 \text{ bits})(10 \text{ send})$ Chan fragount Dwn code (3 bit) Char or 3 800 Schar B 3 6 001 Sized Coole - total size of mag = 20 x 3 = 60 bits - total bits for table =) 5 x 8 bits = 40

5 x 3 bits = 15

own code = 55 + Final size of msg = $\frac{60}{1}$ + $\frac{55}{1}$ = $\frac{115}{1}$ bits msg +able



Relation 1) More the no of times a char occurrs in an ily tent

lesser is the Size of Huffman code

