SHANNON ENCODING

It is a lop-down encoding stratiqy.
You don't narrange the occurance of alphabets.
We sort them on the basis of their forguencies.

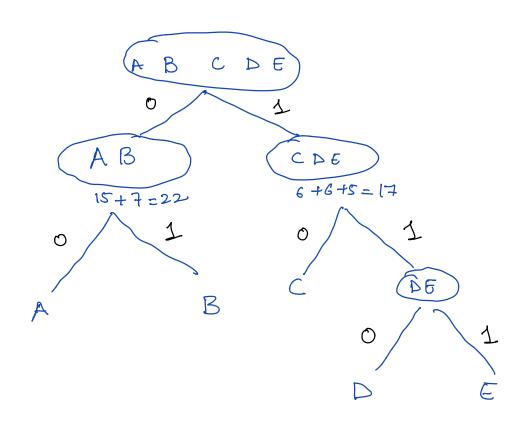
ALGORITHM

- each character based on their occurances.
- o Sort lue list of symbols according to Their Juquencies.
- o Divide the list ento 2 parts with peop of left part as close to the right part.
- as 1. Assign left part oh night bart
- · Recursuely duride 2 part till each gets unique code.



Count Occurance

A	В	C	12	E		
15	7	6	6	5	-	39
15/39	7/39	⁶ /39	1/39 5/3		9	



ENTROPY