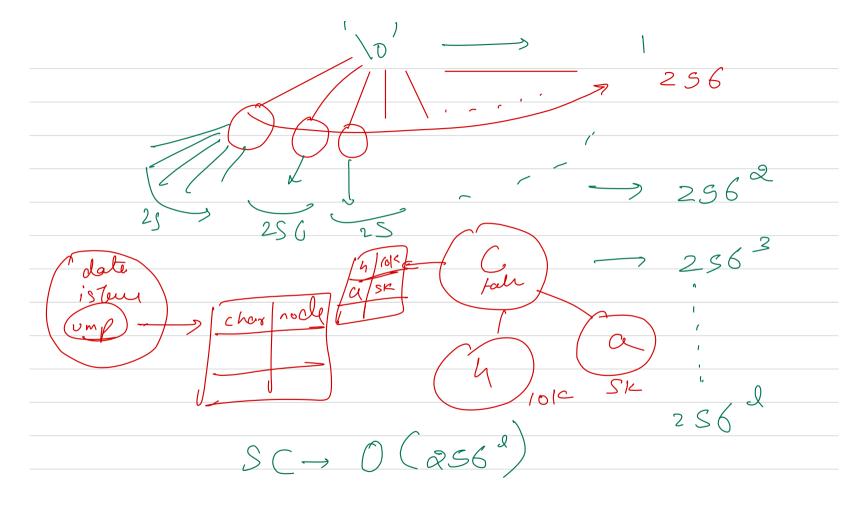
We were gener a set of strings and we get some queries, where for each query we need to tell whether the element is present or not in the set.

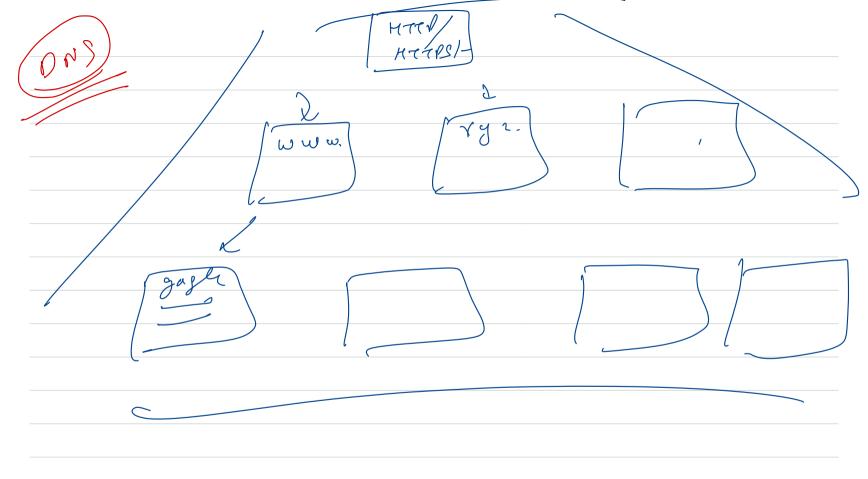
TC for each guy HashMap Zkey, valus
 M csh Set - Chys by to Create hash value: -> hash func

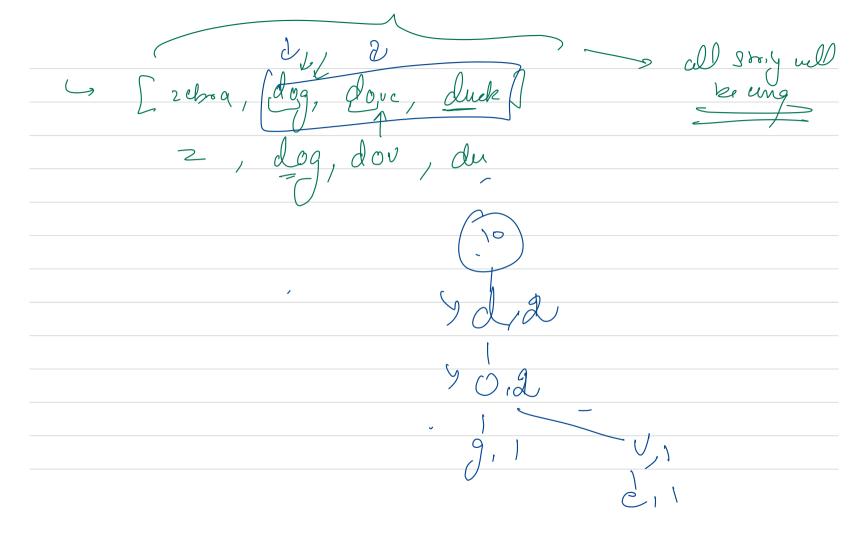
SC-) (nxl) -> looser 60 und
Stoig 9 Ichar -> 1 kyte We have a big dict of wards (Ascii chars) Sameer length -> 2 - 256 x 1 leyl $\rightarrow 2 \rightarrow 256 \times 256 \times 2$ Sun thu 7 th leyll - 3 - - - - 2563 x 3 $SC \rightarrow O(256^{1} \text{rl})$ leylh , 'l > -(<u>M</u>)

ateach leve 1. his loshre common prefines euz His Cemmon prefén bomana herry



Samsel https://www.google.com/comer https:// www. unacademy. com/edu http://www.github.com do sintocent ualy M77/8://www H118://w

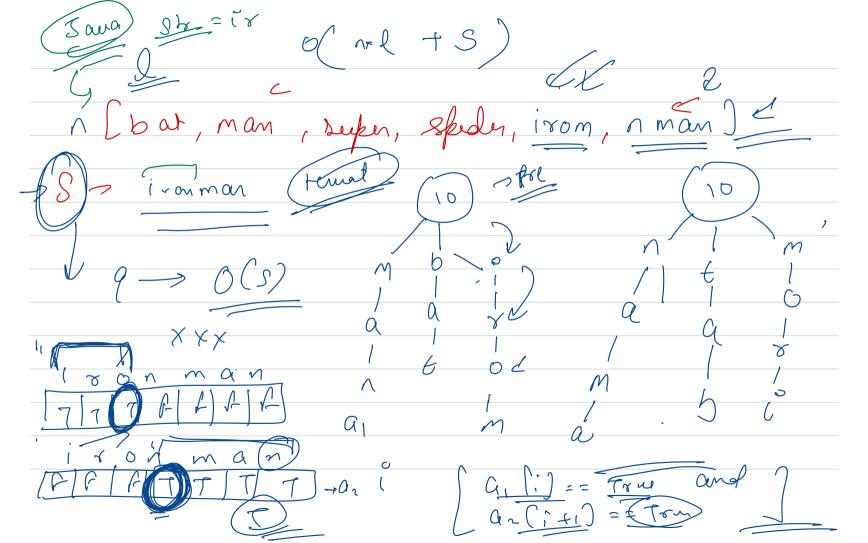


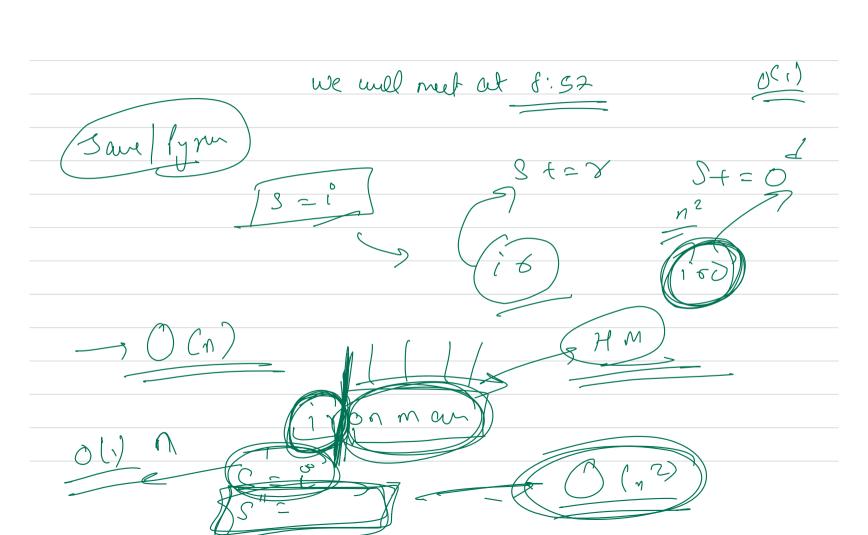


-> Passefferes - are can the stoigs & store							
-> l'os sufferes -	cue can th	2 stoigs	& Shore	n' boien			
	/\	0					

Chuin N words, Containing 10 mercase english alphabets and a Strig S. find whether S can be fromed by combining two words from June set. [bat, man, super, speder, ir an, iro] S > i o m man

es we can shore all the stripe in a toil We will Shore all the Strings in stuere from AI[i] - S[O..i] Crust co not in To Az[i] -> S[i...n-i] (reund) emsf or not i, T2 kening en, ir on, iro , bat, man Los ay i 10 10

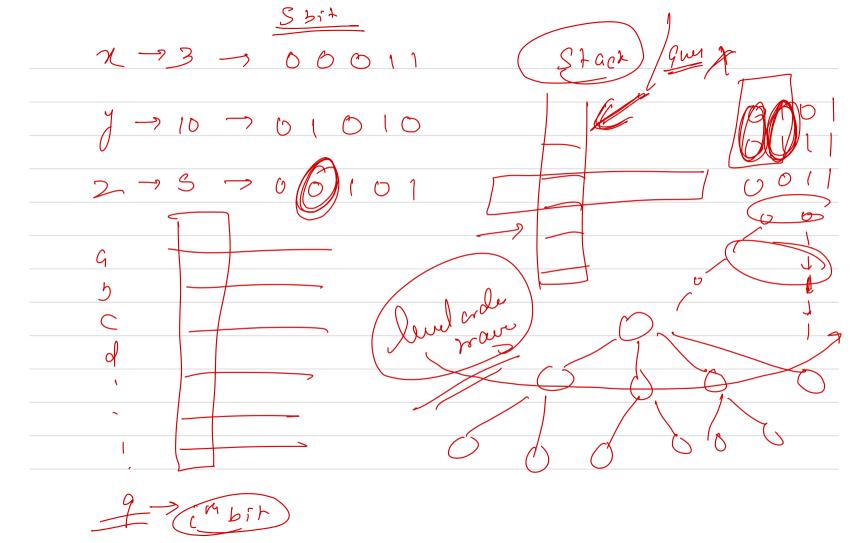


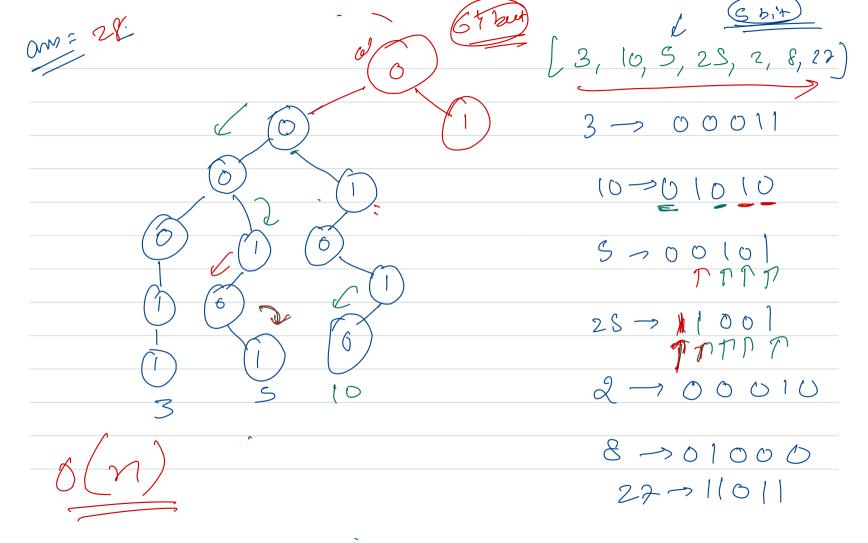


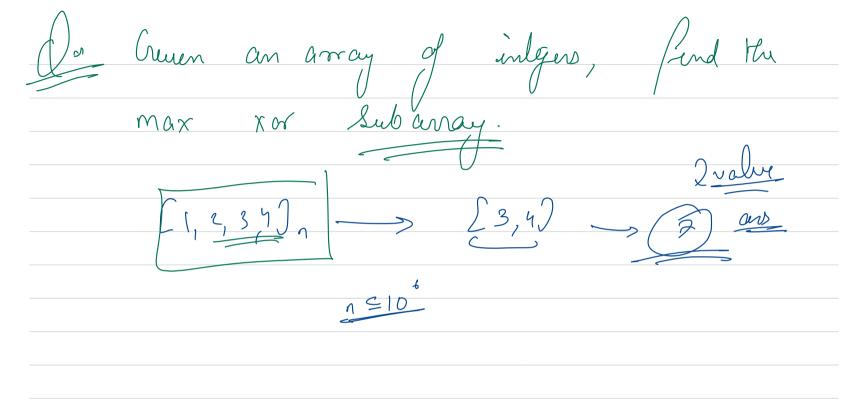
•	\rightarrow		
S =	onmam		

Two elements whose betwee XOR is max. (3, 10, 5, 25, 7, 8)m → 28

Marinize Xor) X 06 we need to have a Cus as much as possible towards the MSB ang







soprang X Ca frem inden , a, b, C, d, e m

, a'b, a'b'c, a'b'c'd, a'b'c'd'e, a'b'c'd'ef) Max you fair

