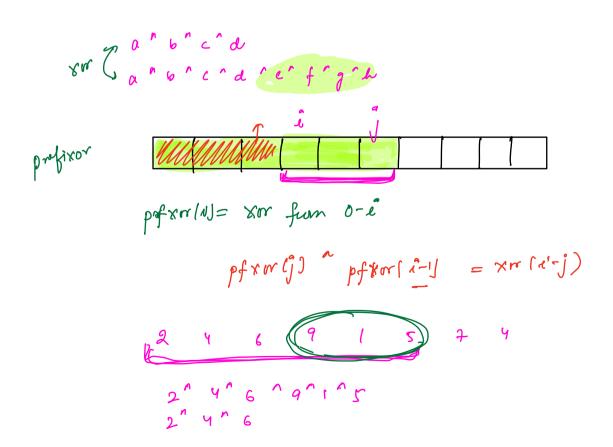


Find max value of A[i] A[j] of pairs (i,j) au: [98 107] 8-7=15 Xa 9°8=0001=1 9: 1001 8: 1000 8 7 = 1111 = 15 10: 1010 7: 0111 consider all possible pairs - O(n2) maxmus xon 15 = 1111 = 1011 = 1100 12 14 = 1110

Marinis vor teg selling more signifaet bits -

aus= mox(aus, onli] eluet) 15, 20, 25, 30) U U J 00101 10= 01010 10101 15= 01111 1) quey
2) moest 10000 20= 10100 01011 25= 11001 00110 Tie n x max not bils S.C: 2 morns of Lil 12486 1011 72

B. F: conside all possible subacuje



$$prefixer = \begin{bmatrix} 1 & 5 & 6 \end{bmatrix}$$

$$S = 101$$

$$010$$

$$6 = 110$$

$$001$$

$$001$$

$$001$$

$$001$$

$$001$$

$$001$$

$$001$$

$$001$$

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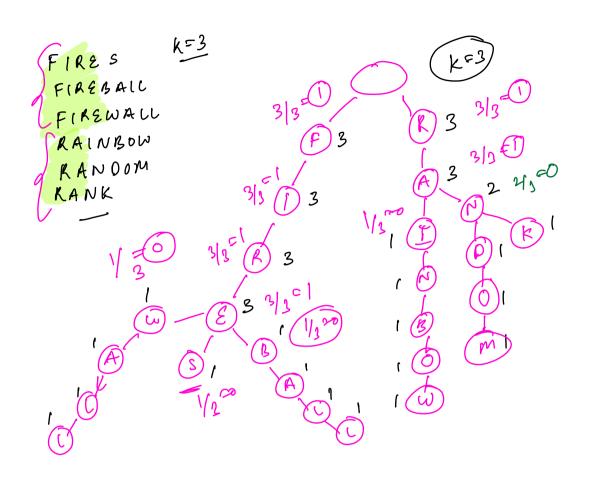
$$001$$

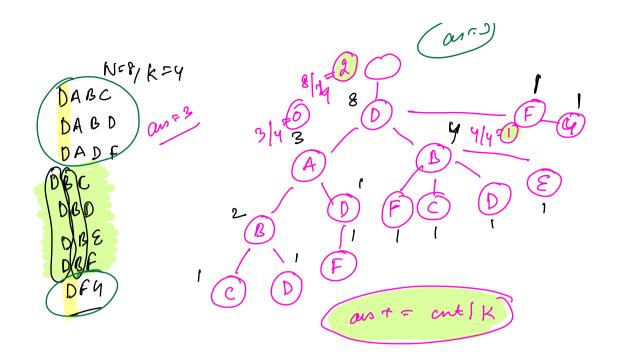
$$001$$

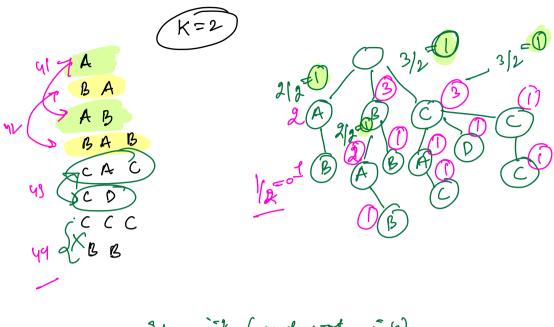
$$001$$

$$001$$

Bundle skings (400gle Kickstort) # N stujs = divide into groups of size K n. (- K=0) Score : lytr of loyest common prefix
of that group Maximum total score of all groups ABB ABB 1 A ABB ASB AB ABB







void visit (Nood noot, ink)

if (noot == null) ellen;

ans += cnt | k;

for (1'=0; 1'<26; 1'++)

d if (noot chiden [i] cnt >=k)

visit (noot chiden [i], k);