Given 2 strips A & B.

Check of they are angrams. 00 Le angrames of they are
permutation of each other y Angrans. tac cat vaywh sayud x madam dadam 1) Sort both the striys. & compare T.C. = N log(N) S.C. = O(i)2) of Distinct chars → Jake XOR of all chan of A &B if 0, retorn true elx retorn folse. A: aabbc

Smell Cere =
$$0(26)$$

Smell + Cp = $0(52)$

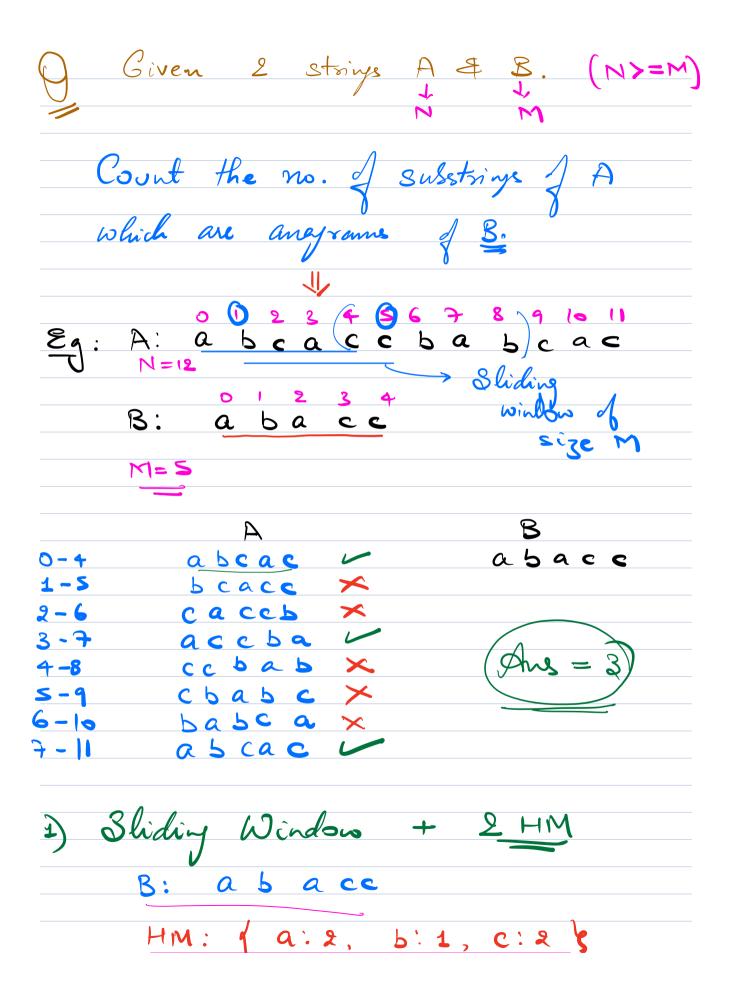
$$T.C. = O(N+N+26/52)$$

 $S.C. = O(1)$

$$A = \underbrace{a \, b}_{C}$$

$$B = \underbrace{b}_{98} \underbrace{c}_{99} \underbrace{a}_{97}$$

$$a^{5} c^{5} c^{5} c^{5} = 0$$



A: abeac b a b c a c o 1 2 3 4 5 6 7 8 9 10 11

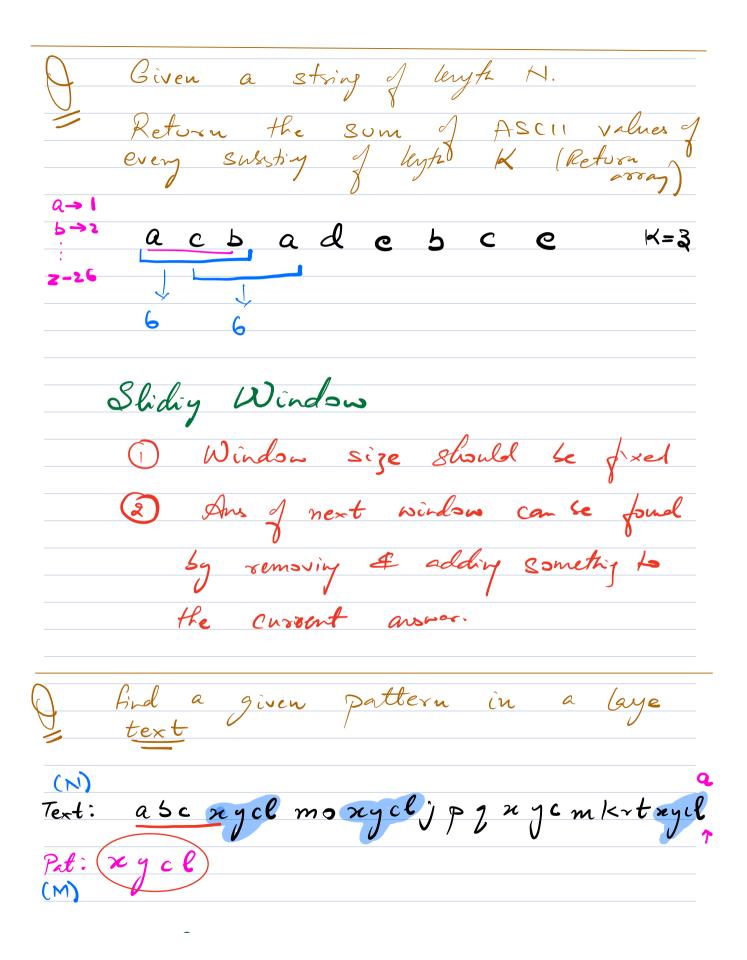
	Add	Remove	O(1) HM
0 - 4			a:2, b:1, c:2
1 - 5	\$	D	x \ \ \a:1, 5:1 c:3}
2 - 6		1	× x a 1 1 , 5 1 4 , C 13 4
3-7	-	2	Ya: 2; 5:1, c:25
4-8	8	3	X da:1, 5:2, c:2}
5 - 9	9	4	X 4 a:1, 5:2, C:28

H.D. dry the code for this problem.

T. C =

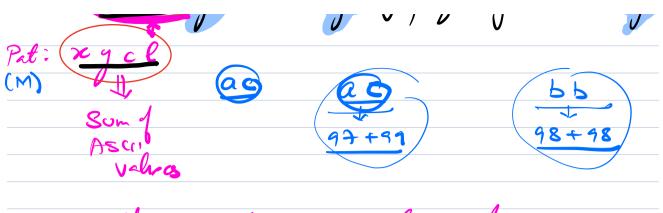
(N-1) - (M-1) + 1 N > 1

0 (N)



Brute Force $\tau \cdot c = O(N \times M)$ beny, enge, nyel, yelm... y T. C.= O(NXM) N & 71, 81, 50, 69, 59, 12, 7. 3 2 similar string = 0 (boyth) 97+98+99=

Text: a5c zycl mo zycl jp 2 z ycm krtzyl



Collision

$$h(aasc) = h(aaad)$$

$$(123) = 1+2+3$$

$$321 = 3+2+1$$

$$231 = 2+3+1$$

$$123 = 1 \times 10^{2} + 2 \times 10^{3} + 3 \times 10^{3}$$

$$321 = 3 \times 10^{3} + 2 \times 10^{3} + 1 \times 10^{3}$$

$$321 = 2 \times 10^{3} + 2 \times 10^{3} + 1 \times 10^{3}$$

$$231 = 2 \times 10^{3} + 2 \times 10^{3} + 1 \times 10^{3}$$

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$$4 \times 10^{3} + 2 \times 10^{3} + 2 \times 1$$

$$S = S[0] \times p' + S[1] \times p' \dots S[M-1] \times p^{M-1}$$

$$h_{next} = S[1] \times p' + S[2] \times p' \dots S[M-1] \times p^{M-2}$$

$$+ S[M] \times p^{M-1}$$

$$h_{next} = \begin{pmatrix} ASCII & J & Cher & We \\ Are & removing \end{pmatrix}$$

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