Soffix Array: $S_1 = \frac{0.12345}{BANANA}$ $S_1 = \frac{0.12345}{BANANA}$ $S_1 = \frac{0.12345}{BANANA}$ $S_1 = \frac{0.12345}{BANANA}$ $S_2 = \frac{0.12345}{BANANA}$ $S_3 = \frac{0.12345}{ANANA}$ $S_4 = \frac{0.12345}{ANANA}$

SA[] $\rightarrow \{6,3,1,0,4,2\}$ $CP[] \rightarrow \{0,1,3,0,0,2\}$

Lep[i] = Lep of (suf; suf;)

P1: Given a string S, find the minimum cyclic shift. that represents the lex... smallest string.

S₁= BANANA

ANANAB

NANABA

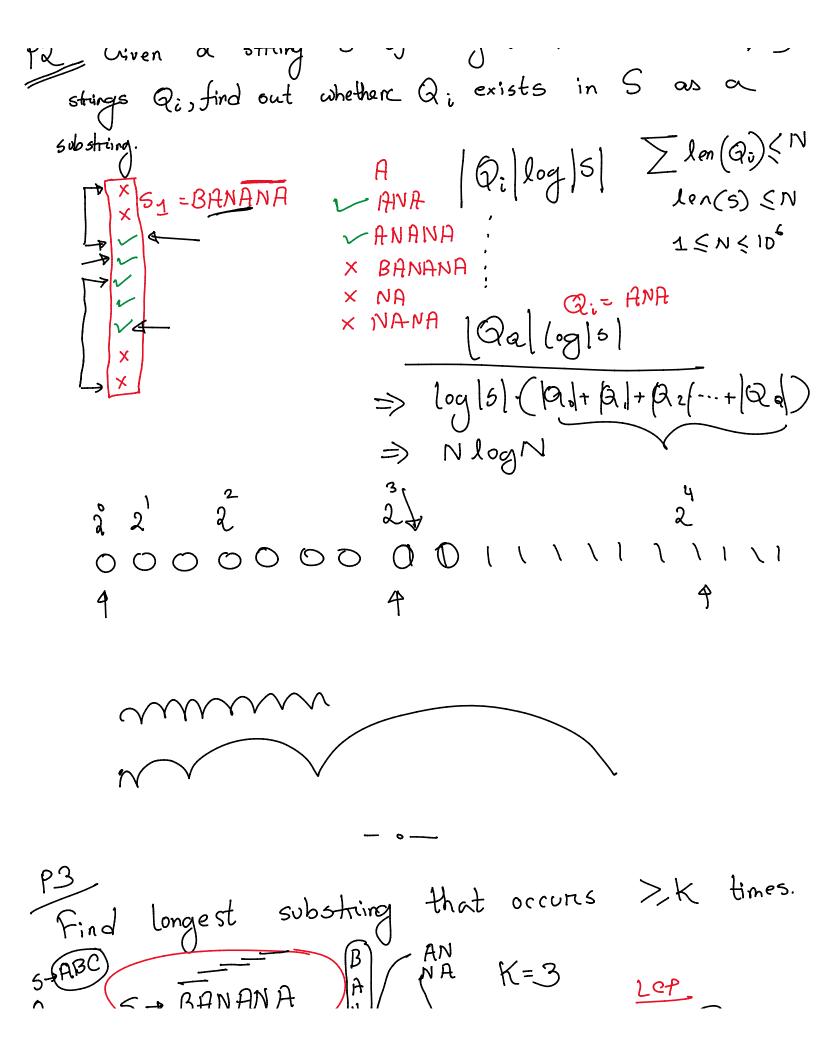
ANA BAN

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ABANAN

P2 Given a string S of Length N, and some quary



$$\frac{6 \times 7}{2} = 21 - (1 + 3 + 2)$$

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Monotonie Deque

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$$\begin{pmatrix} x_1 & x_2 & & x_p \\ a + a + - - - + a \end{pmatrix} \begin{pmatrix} y_1 & y_2 & y_q \\ a + a + - - - + a \end{pmatrix}$$

 $\frac{1}{\rho} \longrightarrow \frac{1}{\rho} \longrightarrow \frac{1}$