

$a x x | b c c b |$

a b c k b c a g

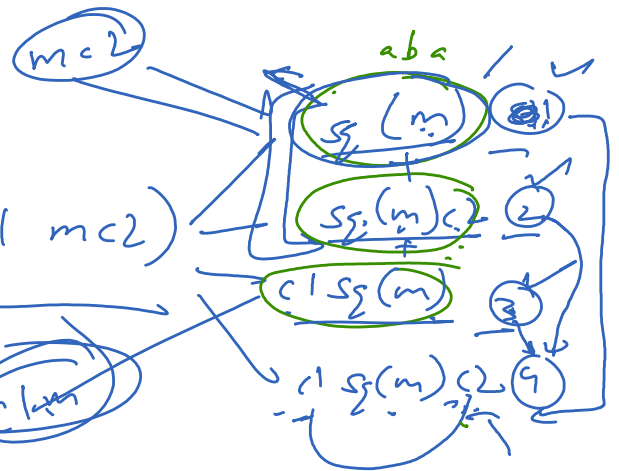
$$s = c1 \text{---} m \text{---} c2$$

$$\underline{l(s)} \rightarrow \underline{sg(s)} \rightarrow \underline{sg(c1 \text{---} m \text{---} c2)}$$

$\begin{matrix} \textcircled{12} & \textcircled{13} \\ \text{---} m \text{---} c2 & \text{---} c1 \text{---} m \end{matrix}$

$$c1 = c2$$

$$2 + l(m)$$



$$c1 \neq c2$$

④ will never have problems

①, ②, ③

$$\text{Max}(\textcircled{l(mc2)}, l(c1 \text{---} m))$$

$$\max(l(m|c2), l(c|m))$$

$s_f(m)$
 $s_f(m) c2$

$s_f(m)$
 $c(s_f(m))$



$l(i, j)$

$c_i = c_j$

$$2 + l(i+1, j-1)$$

$c_i \neq c_j$

$$\max(l(i+1, j), l(i, j-1))$$

	a	b	c	k	b	c	a	s
a	1	1	1	1				
b	0	1	1	1	3			
c	0	0	1	1	1	3		
k	0	0	0	1	1	1	1	
b	0	0	0	0	1	1	1	1
c	0	0	0	0	0	1	1	1
a	0	0	0	0	0	0	1	1
s	0	0	0	0	0	0	0	1



g

α	α	α	α	α	α	α	α	α
----------	----------	----------	----------	----------	----------	----------	----------	----------

$s1 = a b c d$
 $s2 = a e b d$

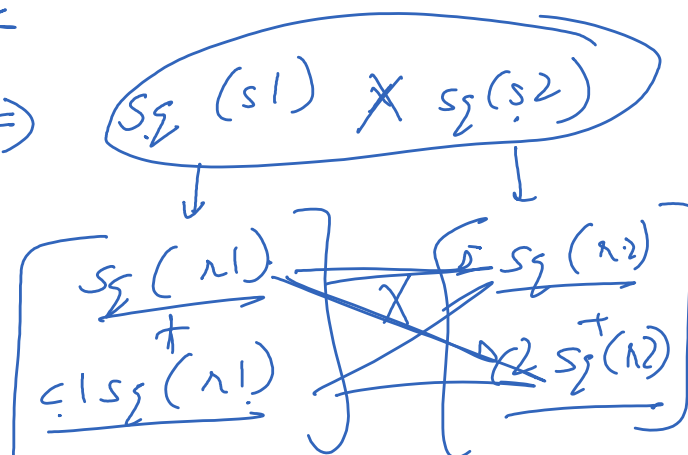
(abd)

10:10 - 10:25

$s1 = c1 \alpha 1$

$s2 = c2 \alpha 2$

$\mathcal{L}(s1, s2) \Rightarrow$



$O(1, s2)$

$$\left[\frac{c_1 s_1(n_1)}{x y} \right] + \left[\frac{c_2 s_2(n_2)}{x y} \right] \quad l(s_1, s_2)$$

$$\begin{aligned} (1) & \quad s_1(n_1) \times s_2(n_2) \\ (2) & \quad s_1(n_1) \times c_2 s_2(n_2) \\ (3) & \quad c_1 s_1(n_1) \times s_2(n_2) \\ (4) & \quad \frac{c_1 s_1(n_1)}{c_1 \times y} \times \frac{c_2 s_2(n_2)}{c_2 \times y} \end{aligned}$$

$$c_1 = c_2$$

$$1 + l(n_1, n_2)$$

$$c_1 \neq c_2$$

$$l(1, 2, 3)$$

$$l(\underline{1, 2}, 3)$$

$$\max(l(n_1, s_2), l(s_1, n_2))$$

$$l(s_1, s_2)$$

$$c_1 = c_2$$

$$l(n_1, n_2) + 1$$

$$c_1 \neq c_2$$

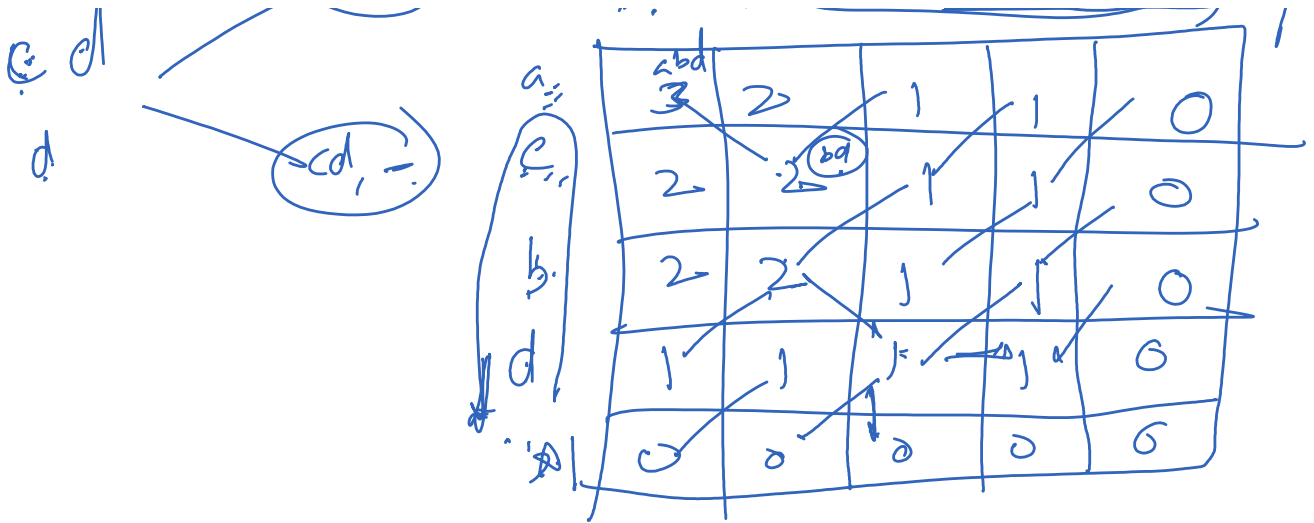
$$\max(l(s_1, n_2), l(n_1, s_2))$$

$$\begin{matrix} bcd \\ ebd \end{matrix} \rightarrow bd$$

$$\begin{matrix} bcd \\ bcd \end{matrix}$$

$$\begin{matrix} c b c d \\ a e b d \\ \underline{d, d} \end{matrix}$$





131. Palindrome Partitioning

Medium 8210 249 Add to List Share

Given a string s , partition s such that every substring of the partition is a **palindrome**. Return all possible palindrome partitioning of s .

A **palindrome** string is a string that reads the same backward as forward.

Example 1:

Input: $s = \text{"aab"}$

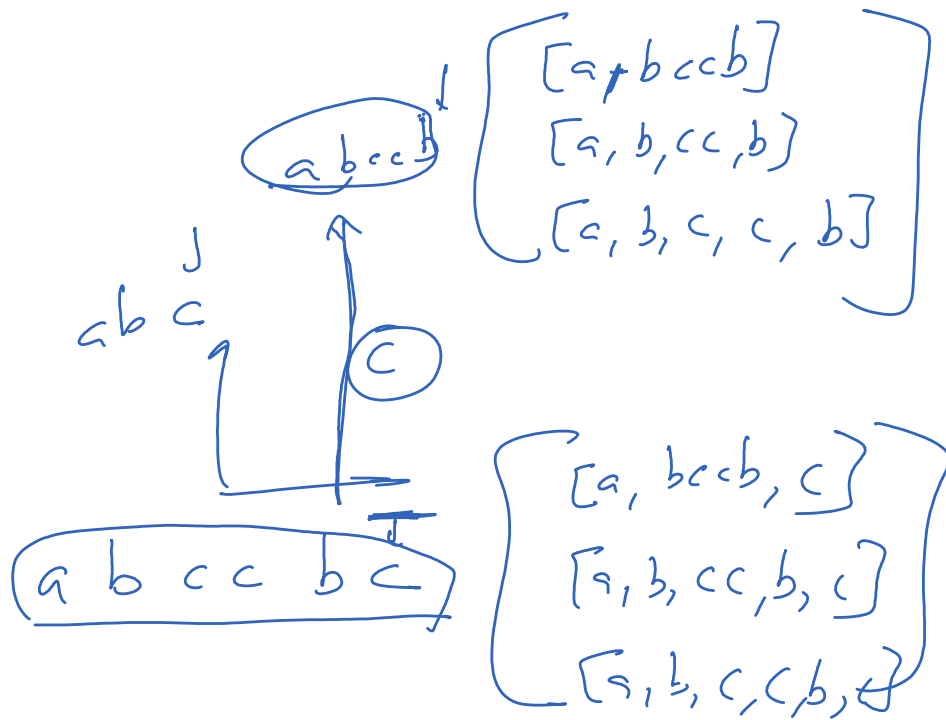
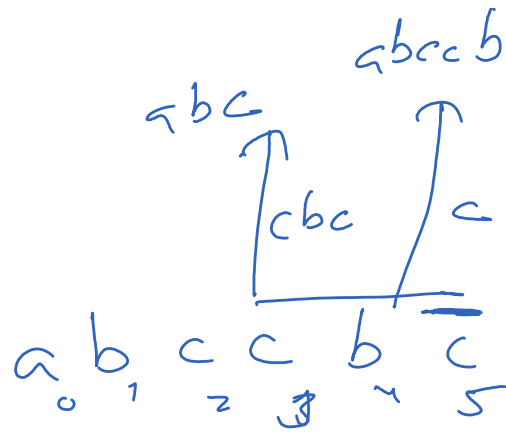
Output: $[[\text{"a"}, \text{"a"}, \text{"b"}], [\text{"aa"}, \text{"b"}]]$

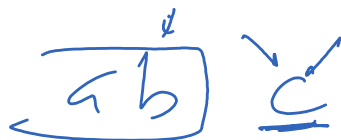
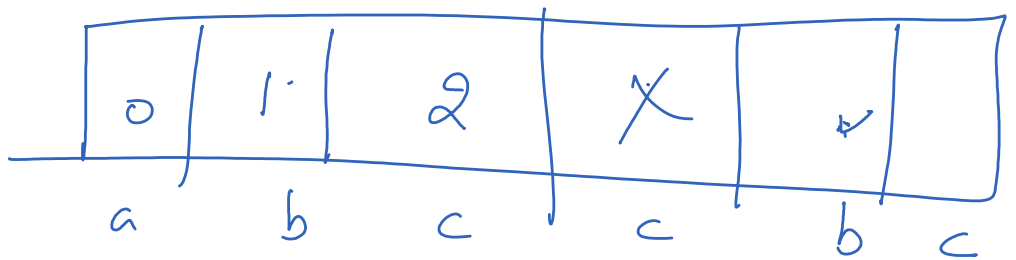
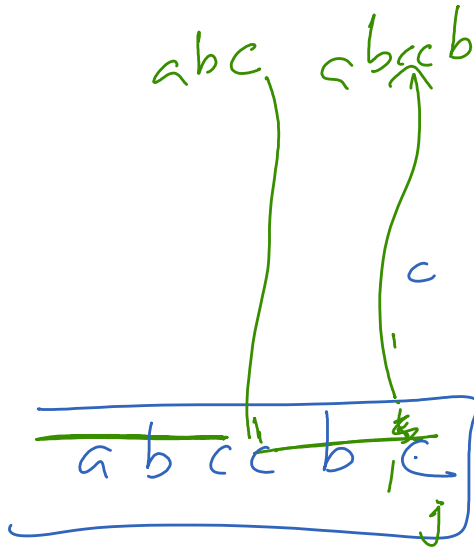
Example 2:

Input: $s = \text{"a"}$

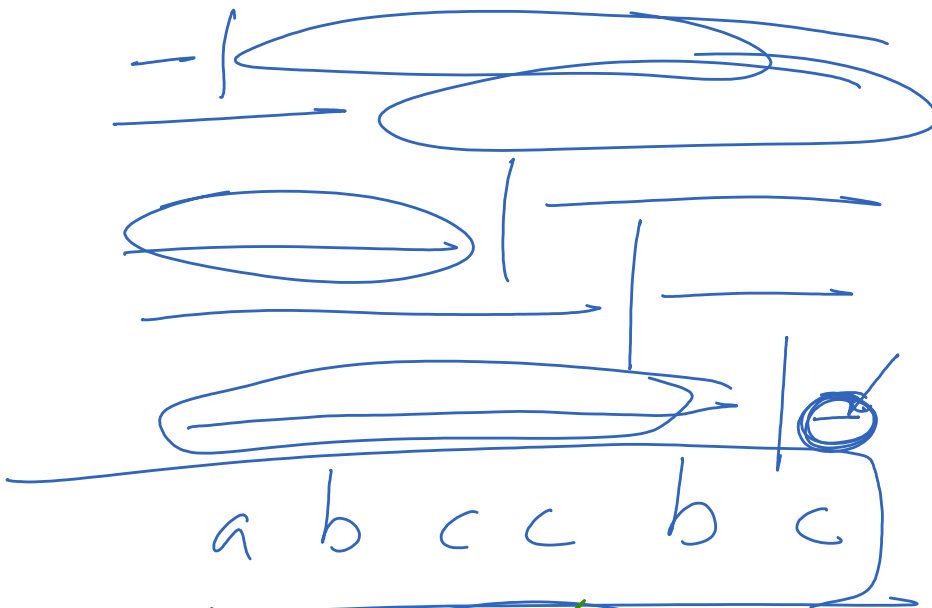
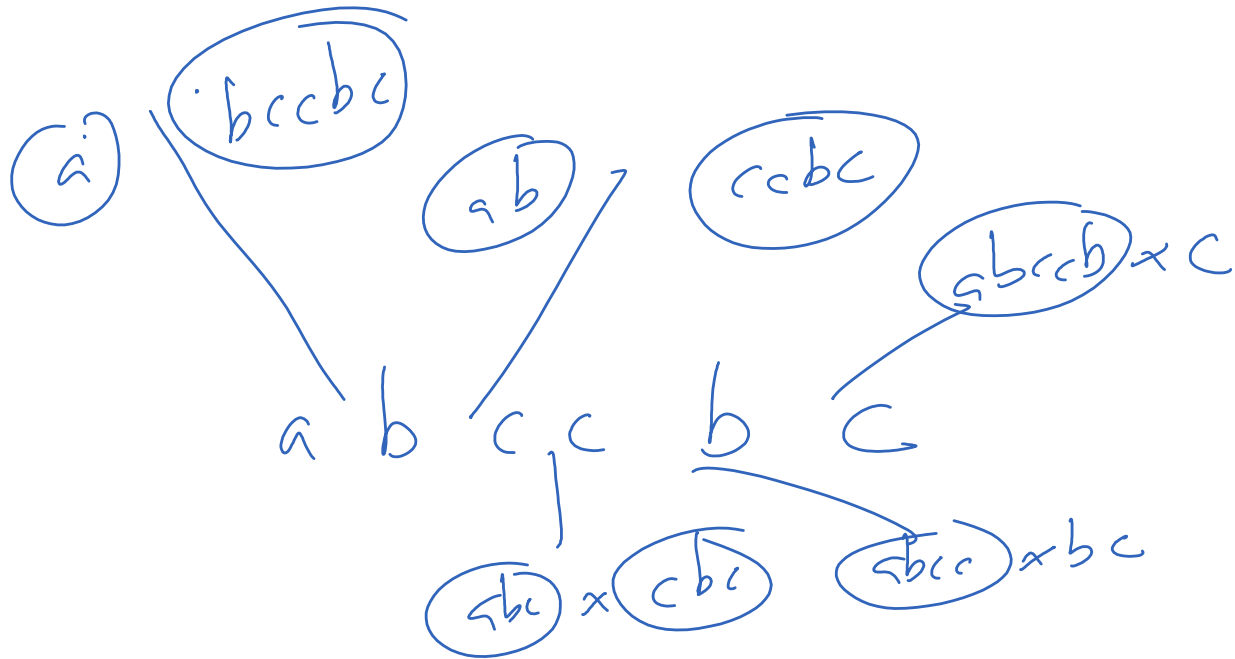
Output: $[[\text{"a"}]]$

Handwritten notes at the bottom of the page include a circled expression $[a-b-c]$ and a circled time range $10:56 - 11:05$ with the word "Try" next to it.





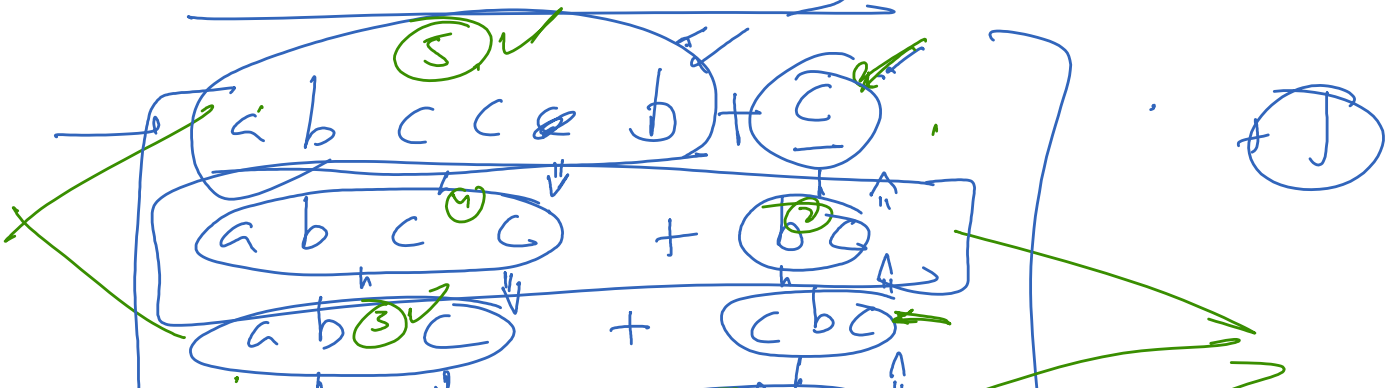
$$l + r + \textcircled{1}$$

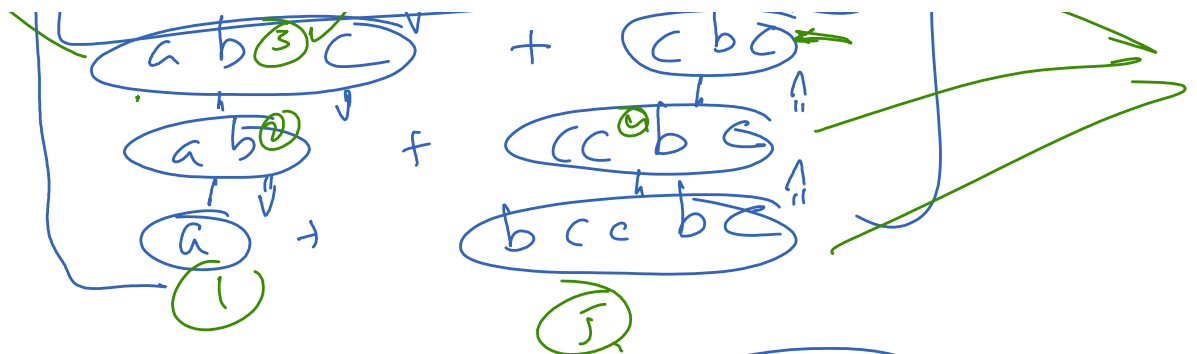


n^3

$$\frac{l + r + \textcircled{1}}{\downarrow}$$

$\frac{a \cdot b \cdot c}{\star}$



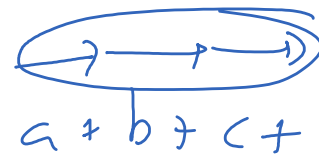


$l + r$

W? H?

$N3 \Rightarrow N2$

abcabc



11:55 - 12:00

try

$\checkmark a$ $\checkmark b$ $\checkmark c$ $\checkmark a'$ $\checkmark b'$ $\checkmark c'$

— $a+b+c+$

1 ^a	1 ^a	1 ^a (9)	3 ^a (a, a')	3 ^a (a, a')	3
0	1 ^{ab}	1 ^{ab}	1 ^{ab} (a, b)	5 ^{ab} (a, b, b')	5
0	0	1 ^{abc}	1 ^{abc}	1 ^{abc}	7 (a, b, c)

$\begin{array}{l} _ _ _ \\ _ _ c \\ _ b _ \\ _ b c \end{array}$

$$\begin{array}{l} 2c + b \\ fbc \\ abc' \\ abc' \\ abb'c' \\ ab'c' \\ aab'c' \\ ab'c' \end{array}$$