

$$lps(str) \rightarrow l(c_1 m c_2) \rightarrow s(c_1 m c_2) \xrightarrow{s(m)} s(m) c_2$$

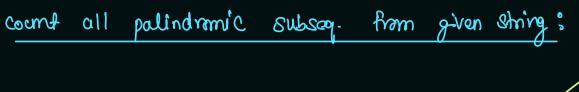
$$c_1 s(m) c_2$$

$$L(mc_1) \longrightarrow S(mc_1) = \frac{S(m)-1}{S(m)c_2}$$

$$l(c_1mc_2) = 2 + l(m)$$

$$l(c,mc_1) = max(l(c,m),l(mc_2))$$

Spring	<b>→</b> a	b cc	bcb						abe - e, mez
V			معلم	<b></b>	End.		6	26 6 E	b cim + ab
	gabe 0	gap=)	b.	م رح ه	2 2 3	D4 .	ahz C2hh	6	mcz -cbc
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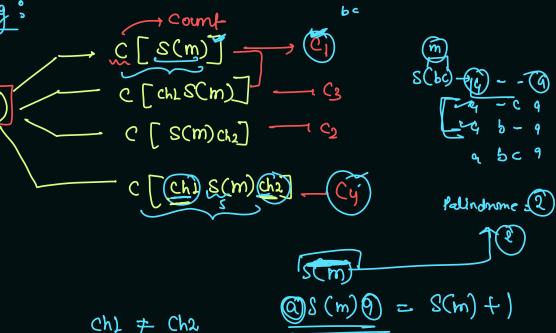
count (8) 
$$\rightarrow$$
 c[8 (8hm)]  $\rightarrow$  c[8 (chi mchi)]

Total cound = 
$$C_1 + C_2 + C_3 + C_4$$

we know that  $Ch1 = ch2$ 

$$Cy = C_1 + 1$$

Total Court = 
$$C_1 + C_2 + C_3 + C_4 + C_4$$
=  $(C_1 + C_2) + (C_1 + C_3) + C_4$ 

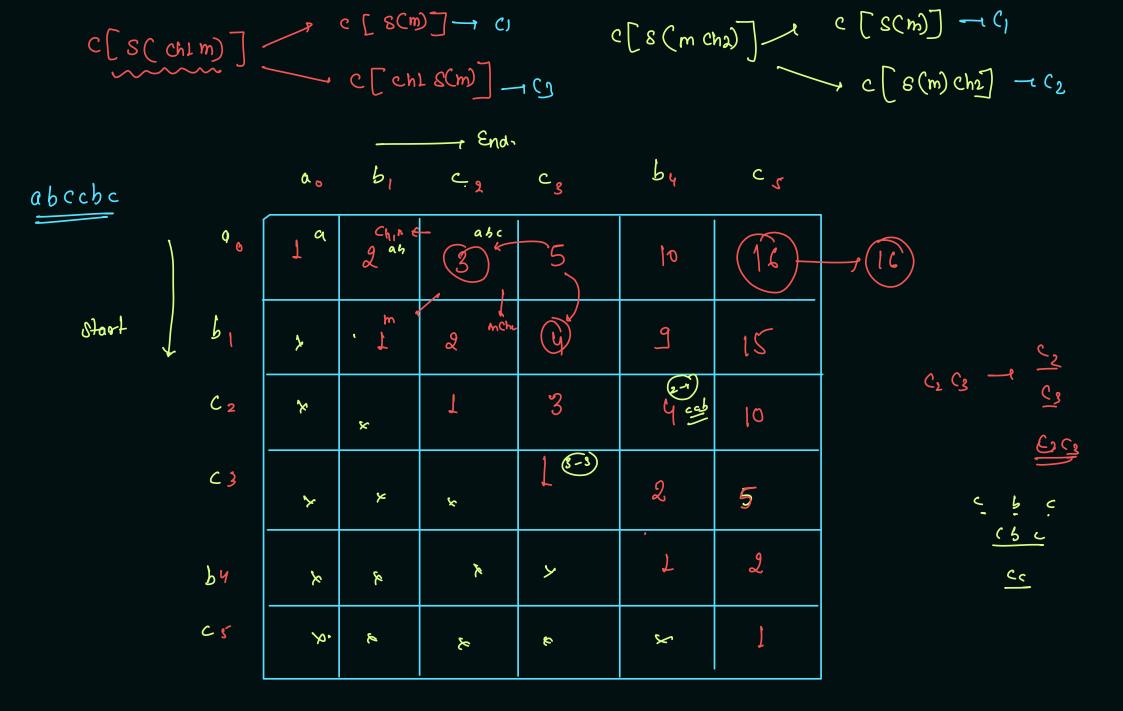


Total count = 
$$C_1 + C_2 + C_3 + C_4 \rightarrow [0]$$

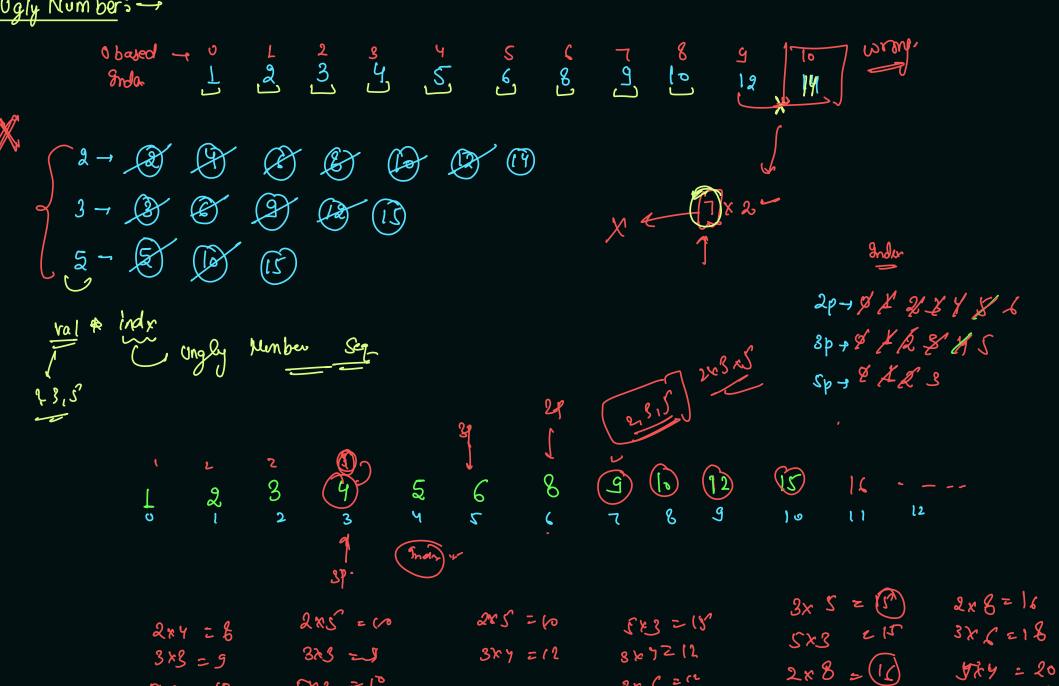
=  $C_1 + C_2 + C_3 + C_1 - C_1$ 

=  $C_1 + C_2 \rightarrow C_1 + C_3 \rightarrow C_1$ 

Total cut = 
$$C[s(m ch_2)] + c[s(ch_1 m)] - c[s(m)]$$



## Ugly Numbers -



5x2 210

Sx2 = 10

5x2 = 10

2x 6 2 12