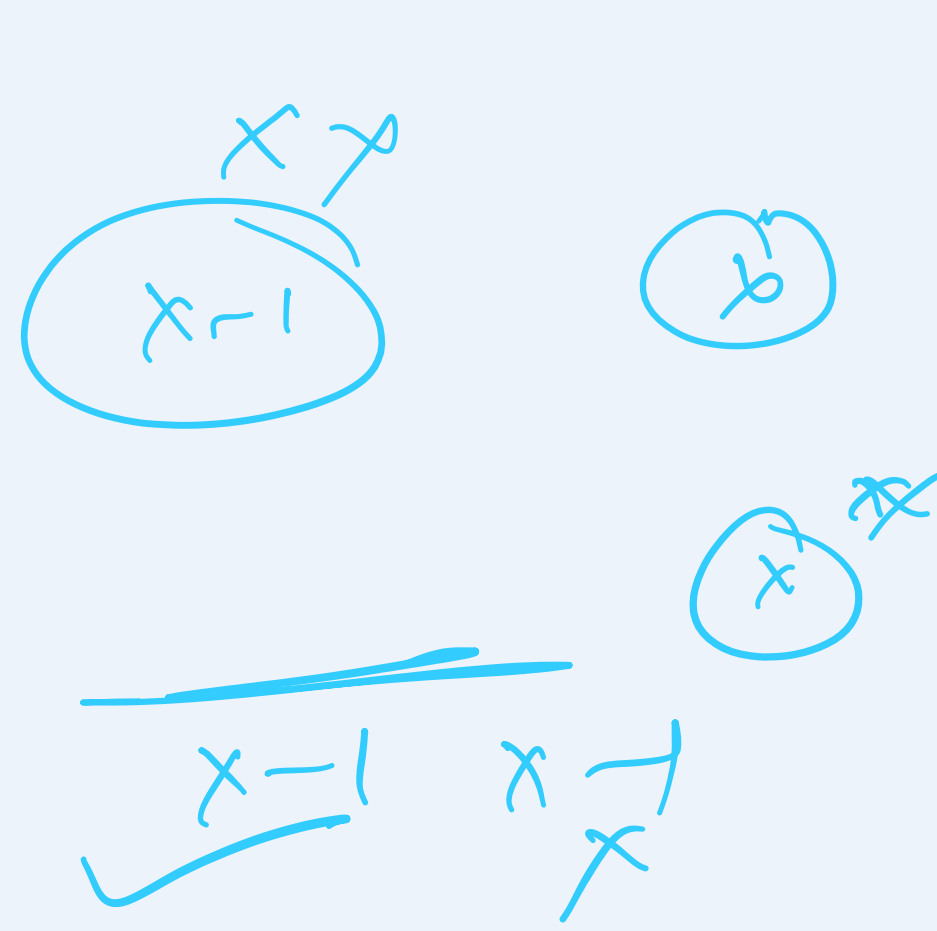
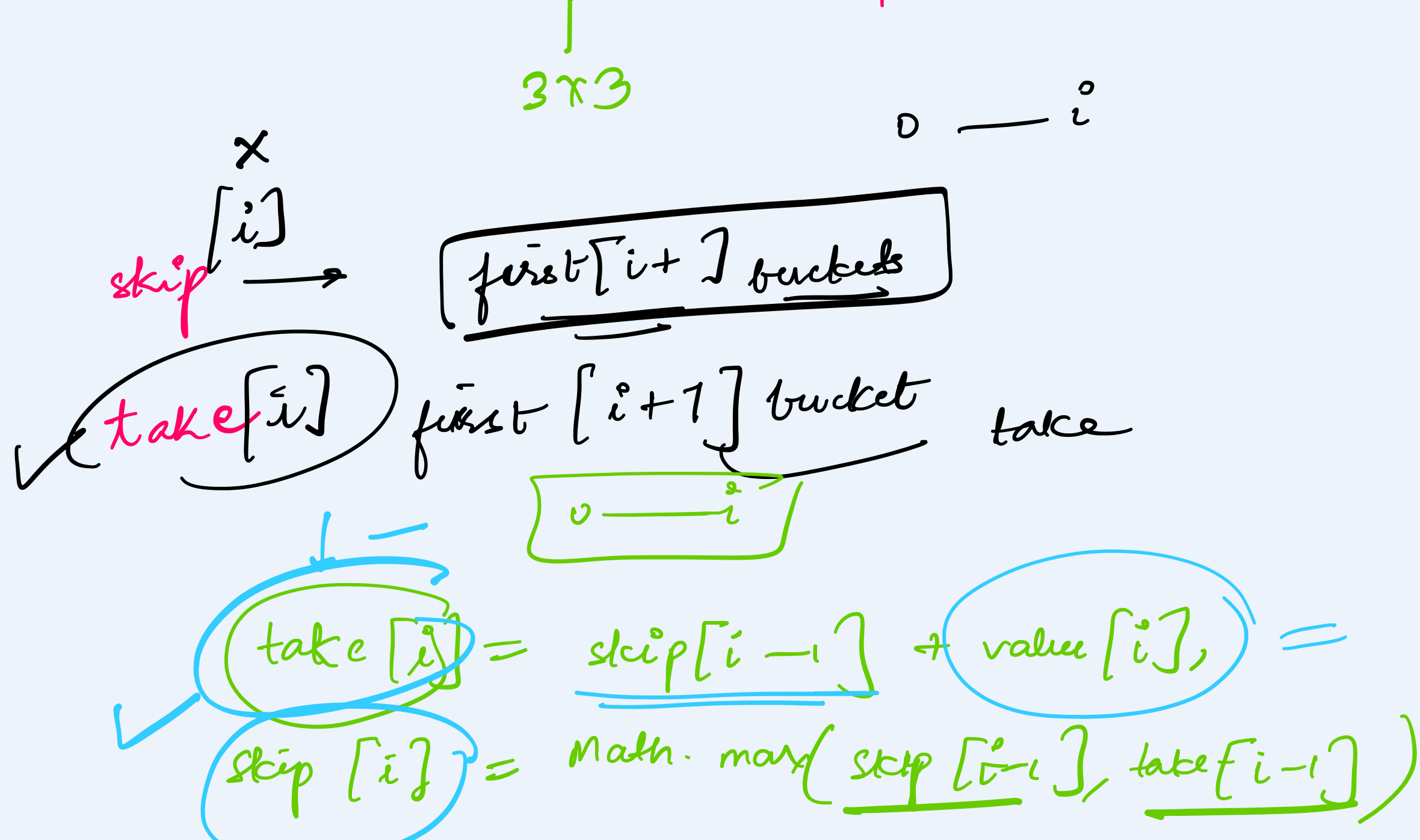
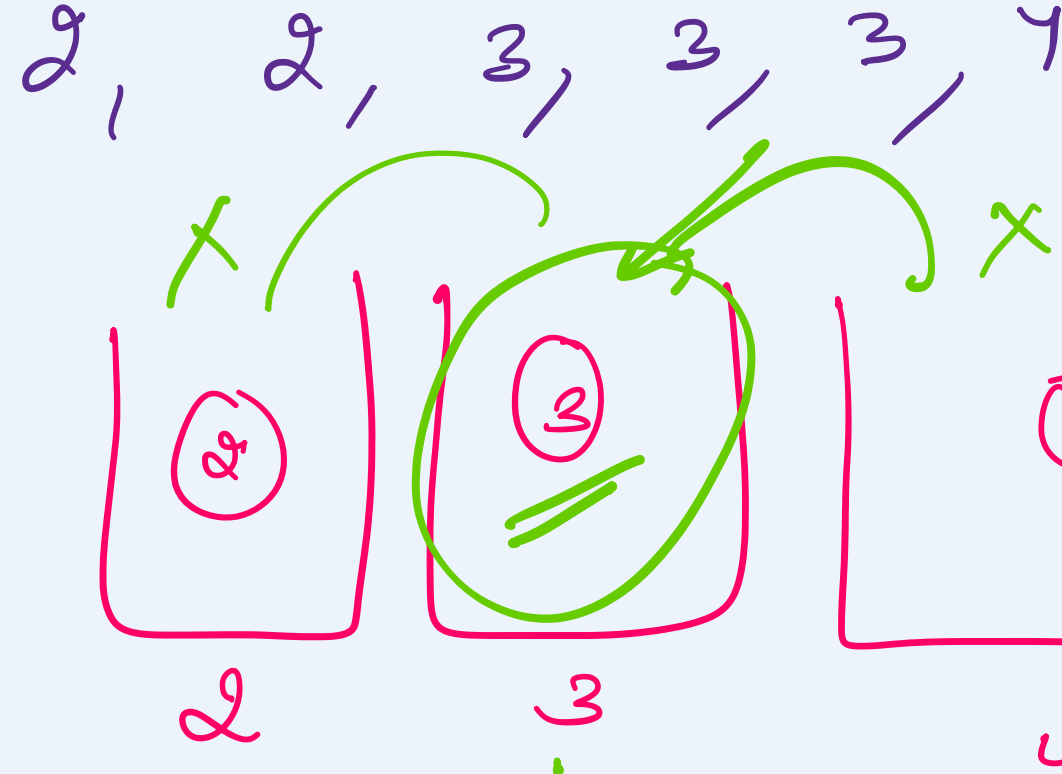
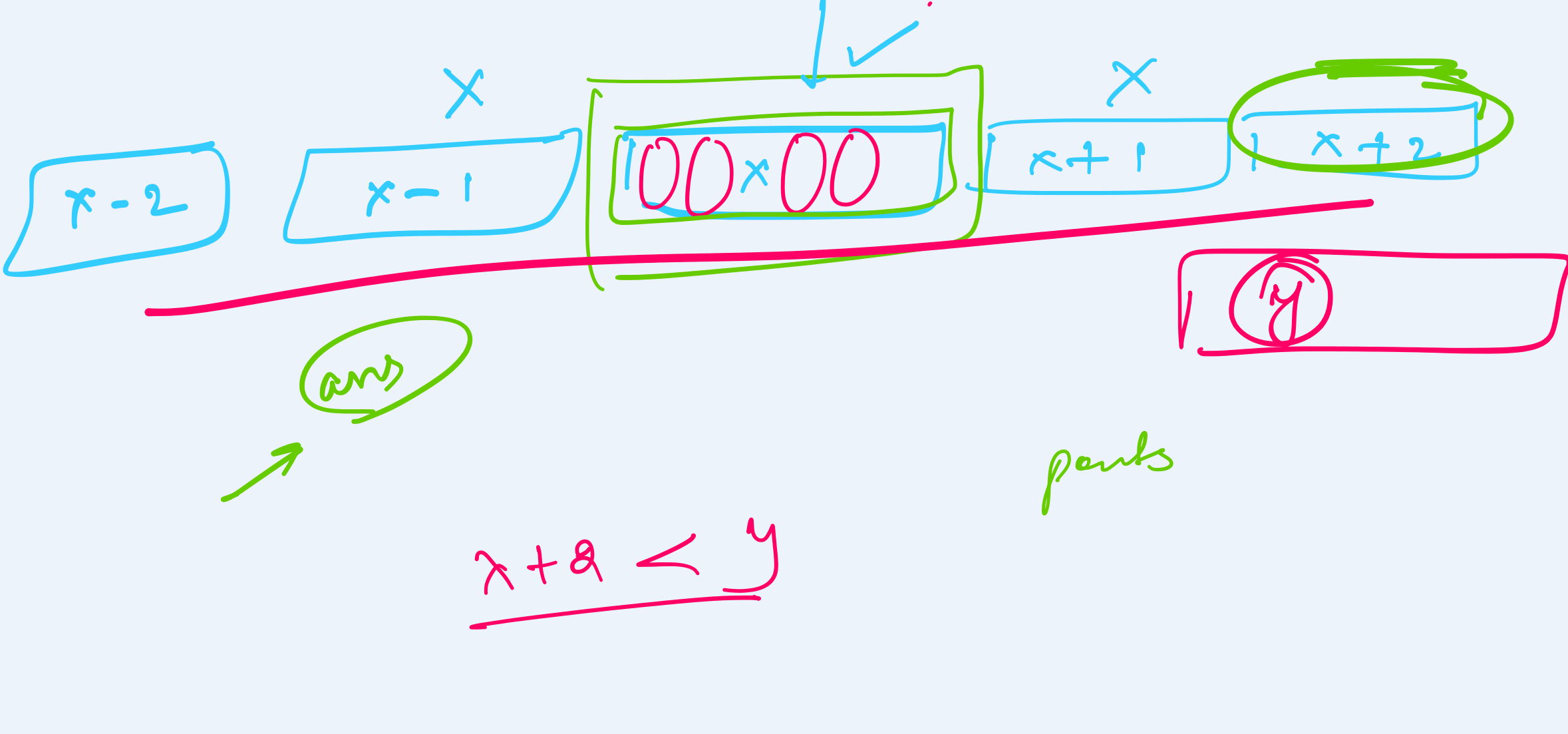
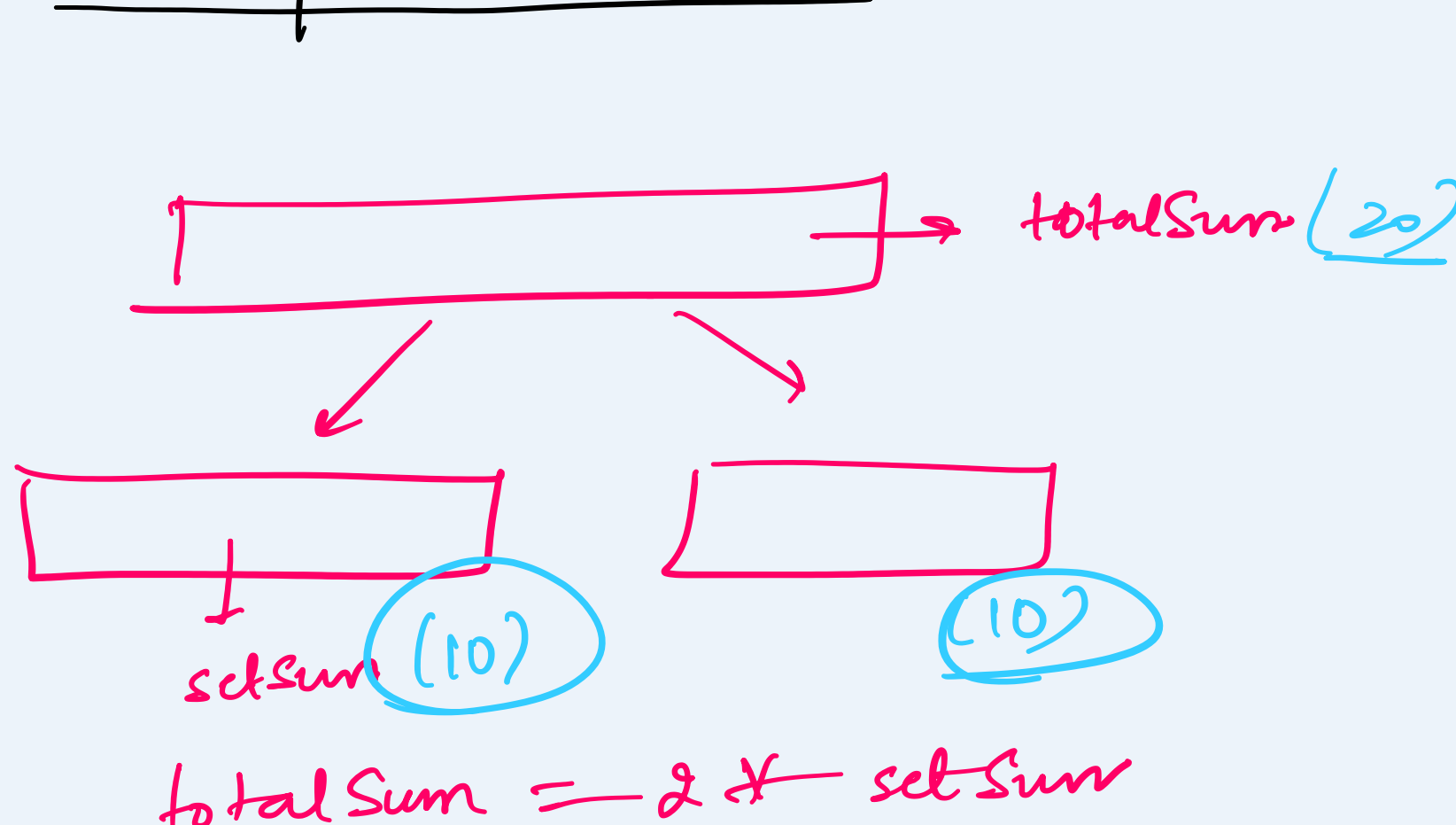


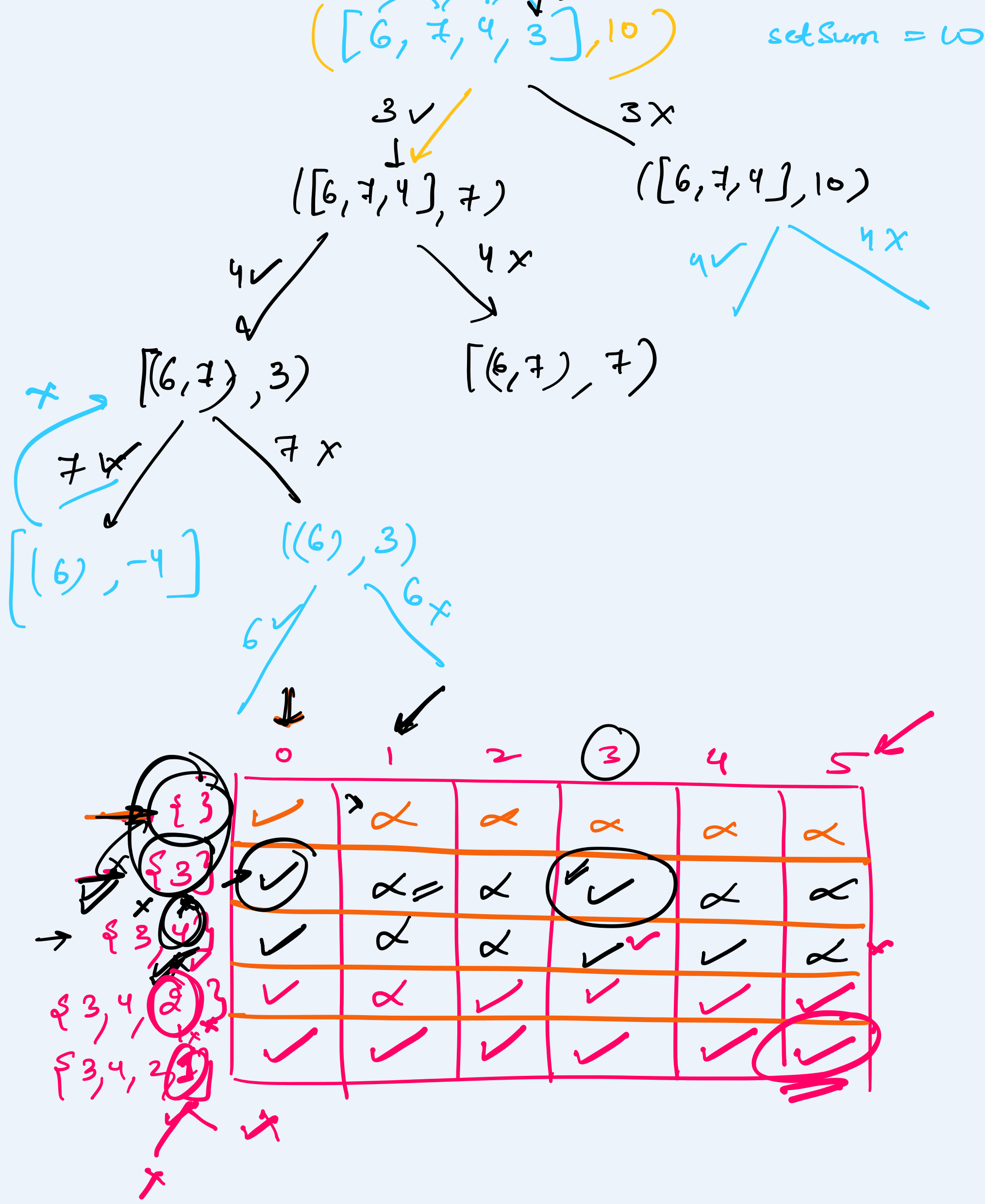
## Q Delete & Earn



## Q Partition Equal subset sum

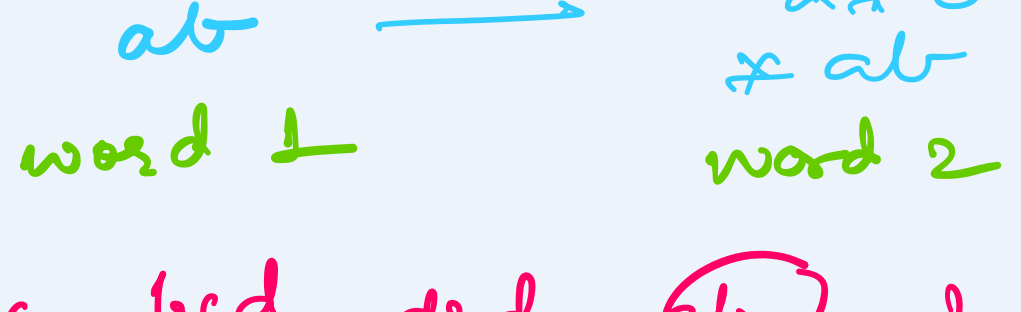


problem → to find subset with a sum equals target.

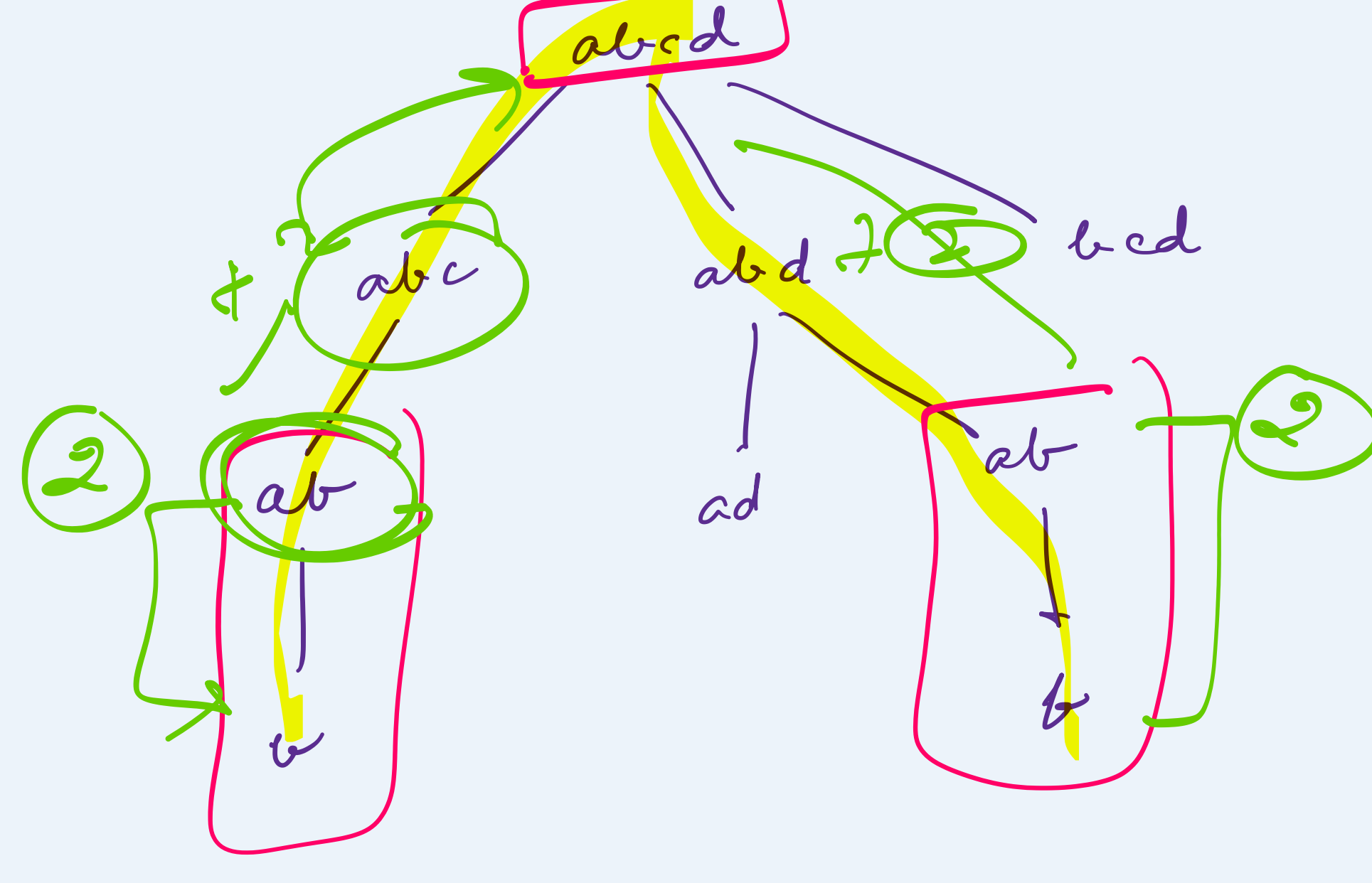


	0	1	2	3	4	5
0	✓	✗	✗	✗	✗	✗
3	✓	✗	✗	✓	✗	✗
4	✓	✗	✗	✓	✓	✗
7	✓	✓	✓	✓	✓	✓

## Q longest string chain

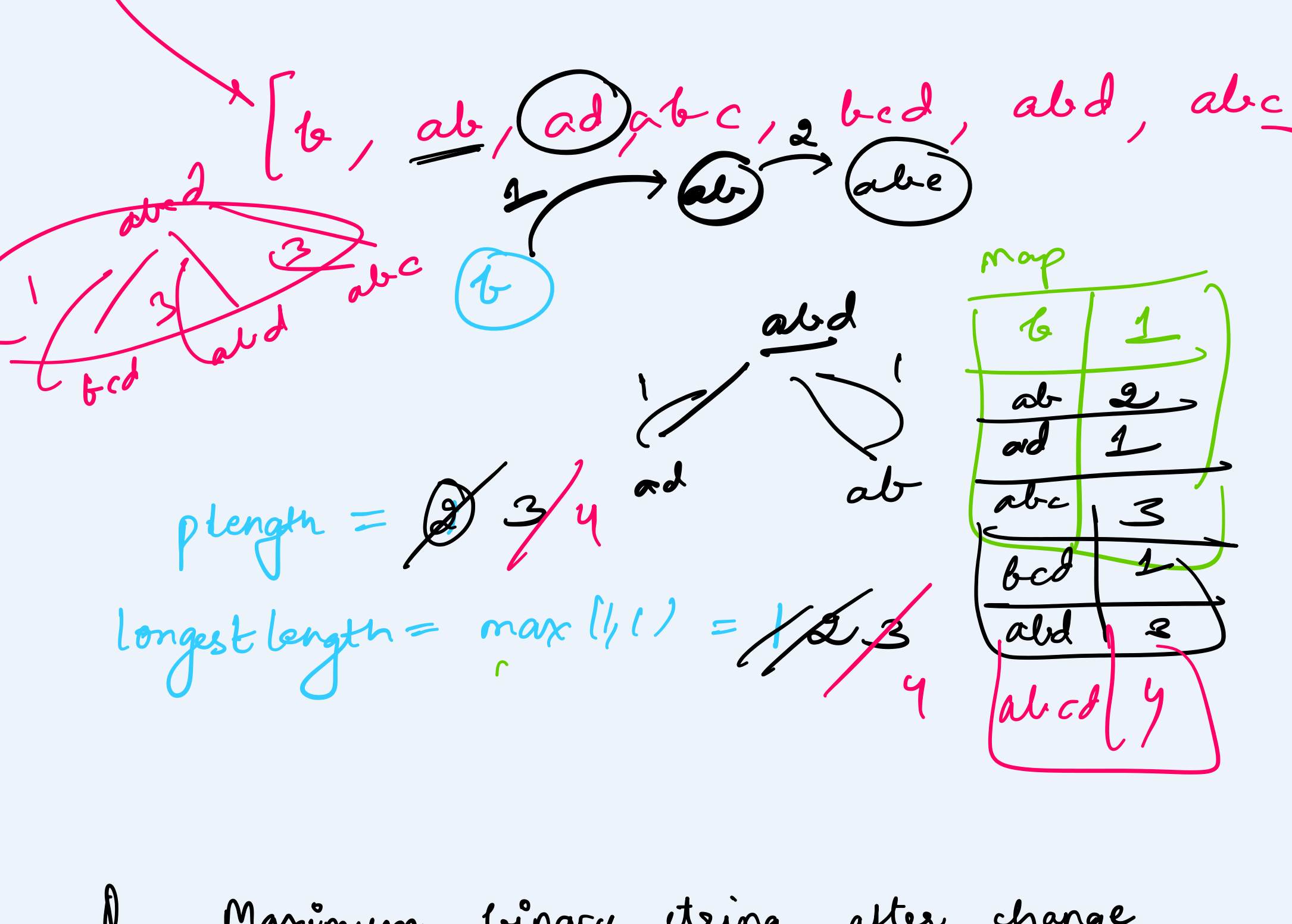


[abcd, abc, bcd, add, ab, ad, b]



[abcd, abc, bcd, abd, ab, ad, b]

Sort the words in inc order of length.



map	1	2
b	1	
ab	2	
ad	1	
abc	3	
bcd	4	
abd	2	
abcd	4	

## Q Maximum binary string after change



① apply operation ②

put all ones to the end & hence move all zeros ahead of ones

③ apply op<sup>n</sup> ①

Q (HW) Unforgettable letters COEXOI (Codechef)