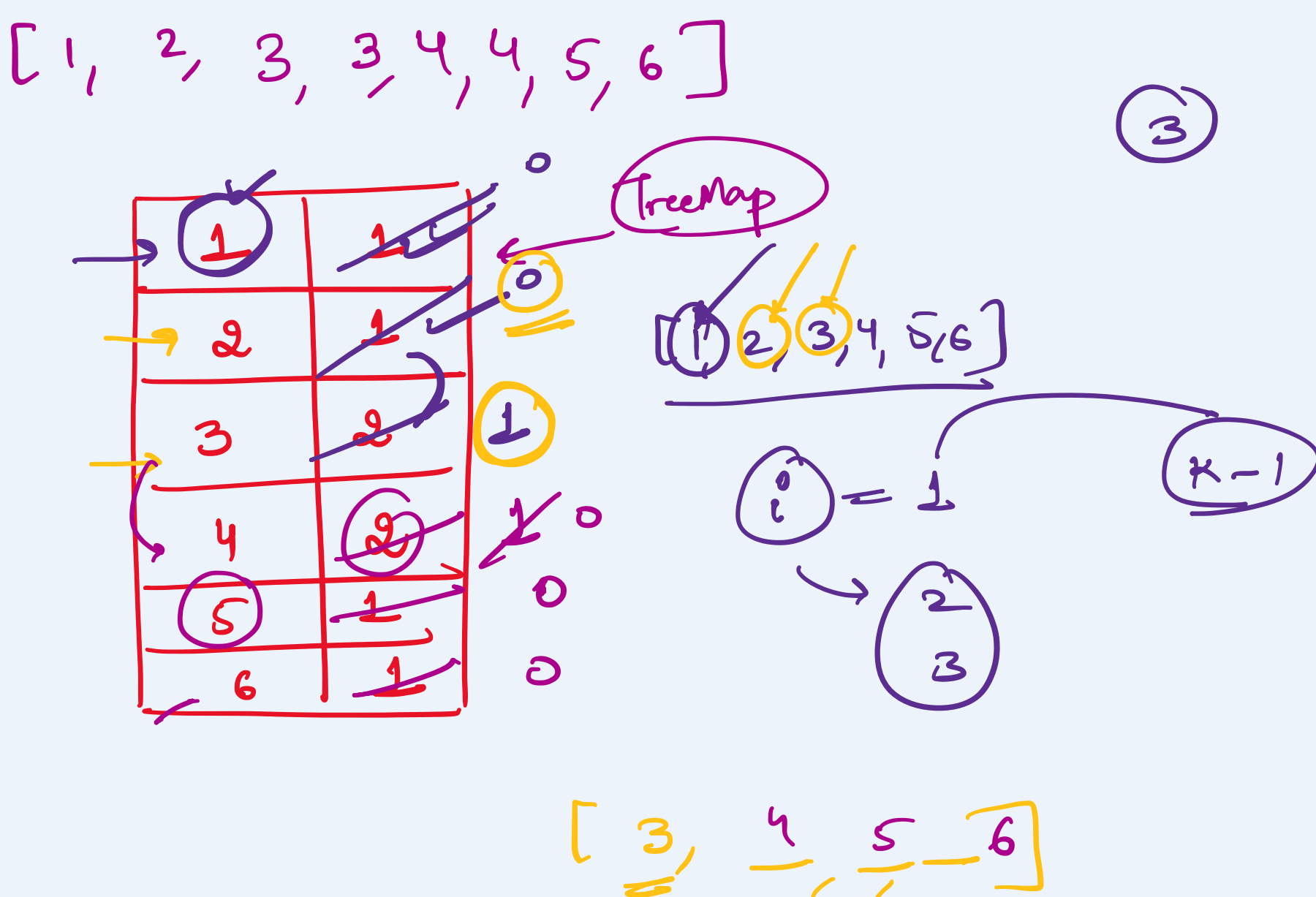
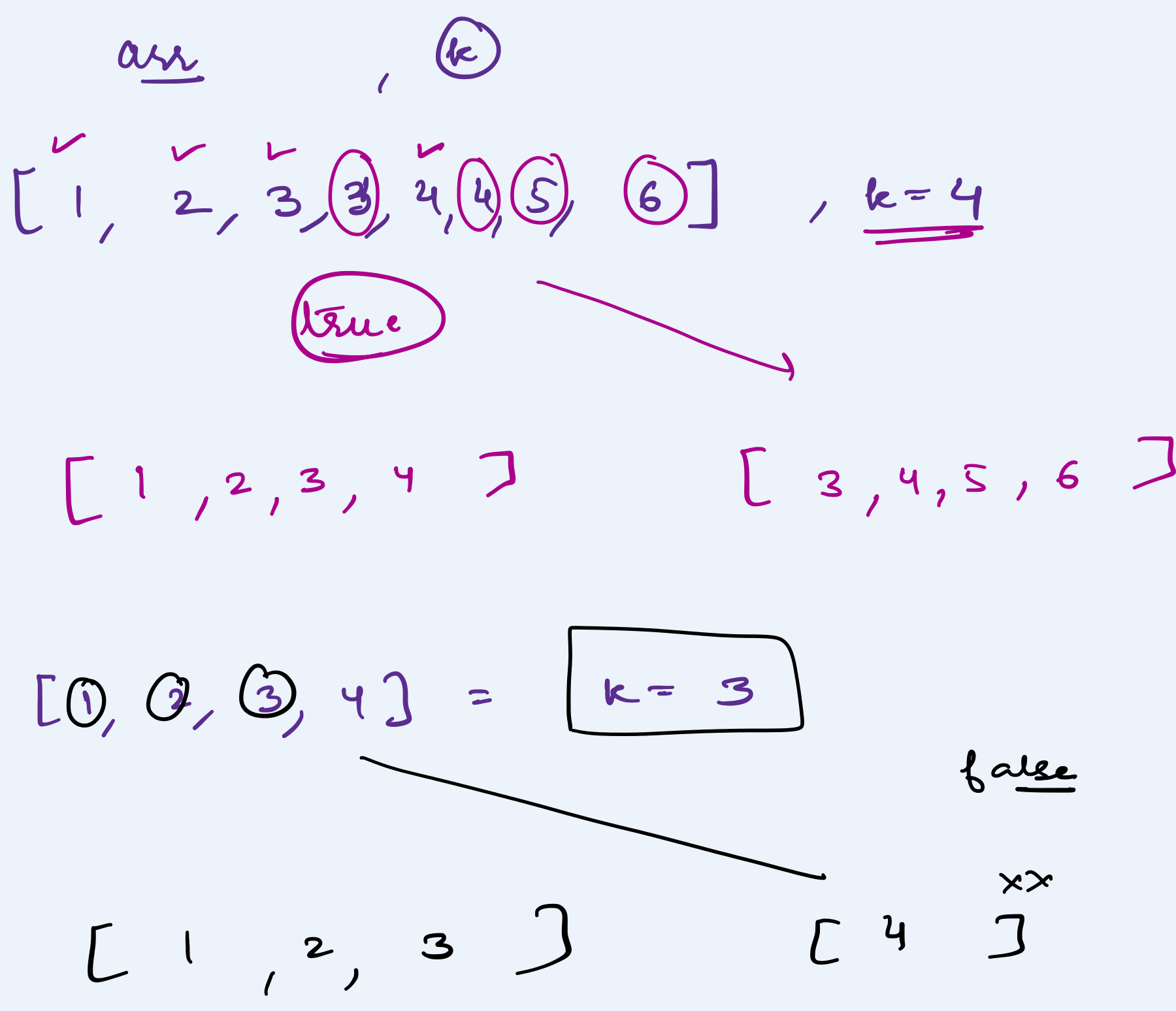


Q Divide Array in sets of K consecutive numbers.



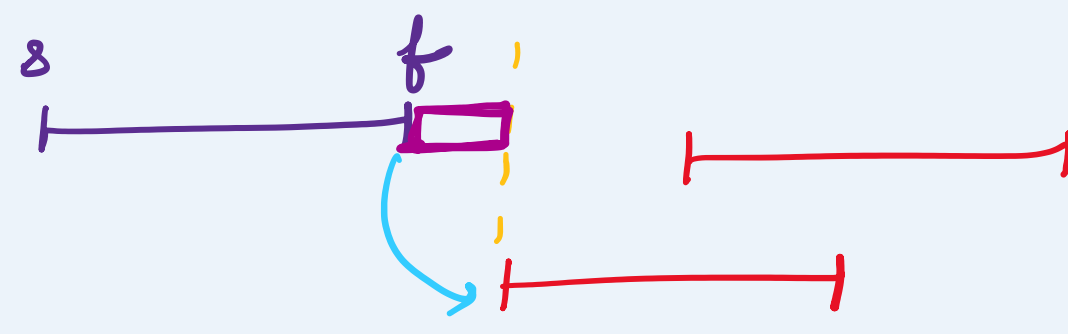
Q Activity selection problem

n activities

start finish

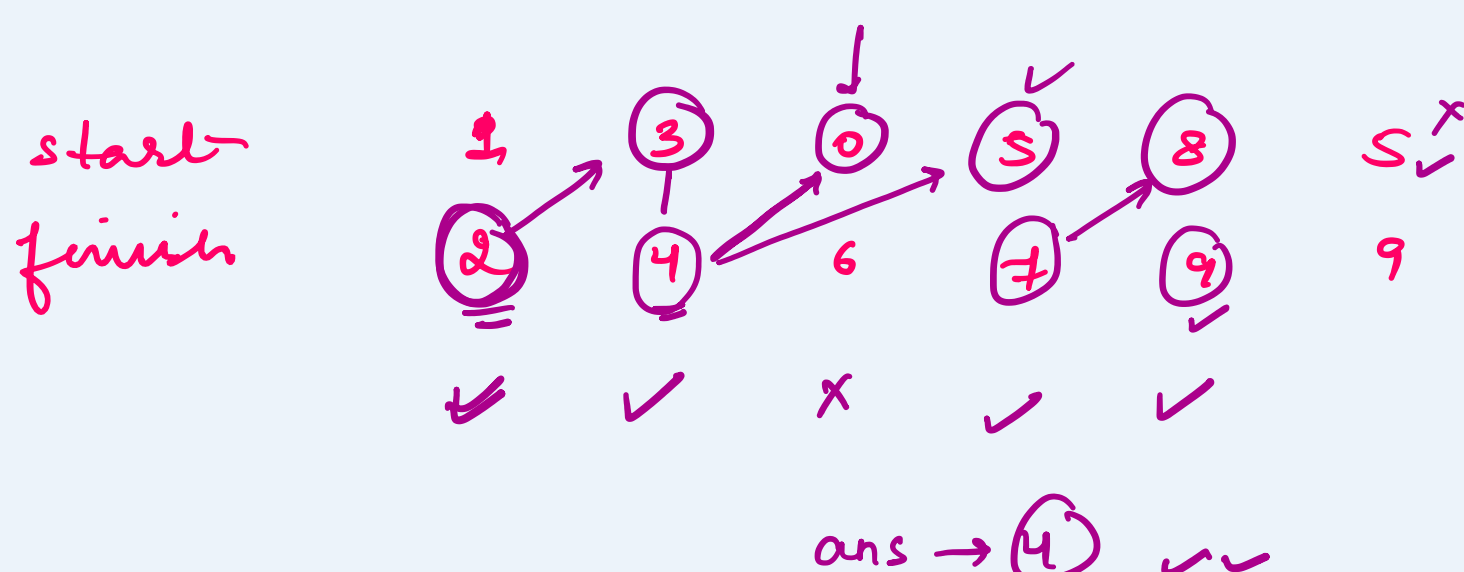
max no. of activities that can be performed.

	a ₁	a ₂	a ₃			
start	1	3	0	5	8	5
finish	2	4	6	7	9	9

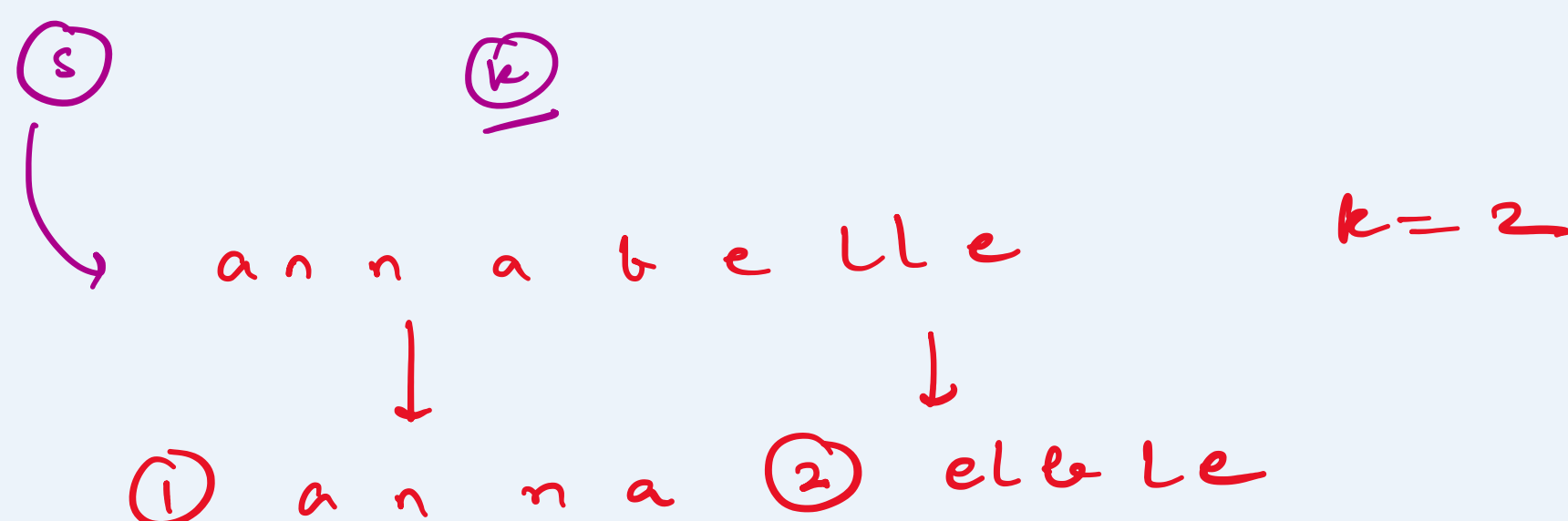


The greedy choice is to always pick the next activity whose finish time is least among remaining activities & start time is more than or equal to the finish time of the previously selected activity.

→ sort activities based on finished time

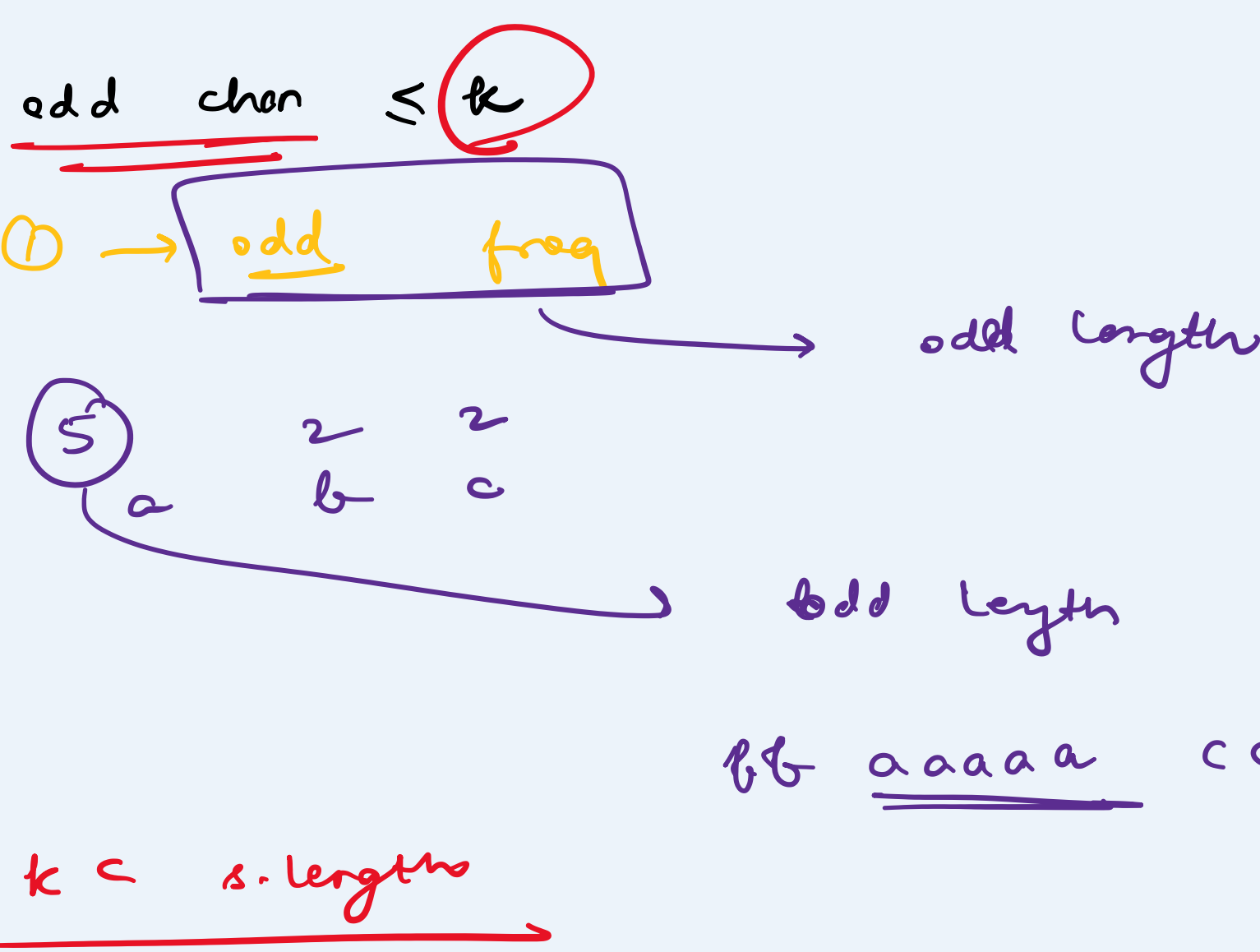


Q Construct K palindrome strings



leetcode, k=3

eee, t, t, c, o, d



- ①
- aabbb, k=1 → abba
- aabb, k=2 → aa, bb
- aabb, k=3 → a, a, bb
- aabb, k=4 → a, a, b, b

- ②
- aabbc, k=1 → aacbb
- aabbc, k=2 → aca, bb
- aabbc, k=3 → a, a, bcb
- aabbc, k=4 → a, a, c, bb
- aabbc, k=5 → a, a, c, b, b

- ③
- aabbc, k=1 → a|4
- aabbc, k=2 → aba, c
- aabbc, k=3 → aa, b, c
- aabbc, k=4 → a, a, b, c

Q Partition labels