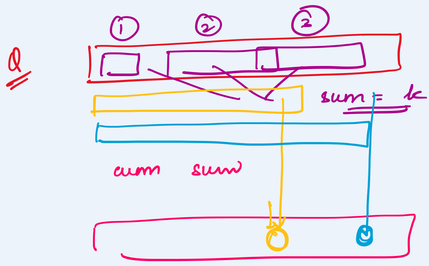
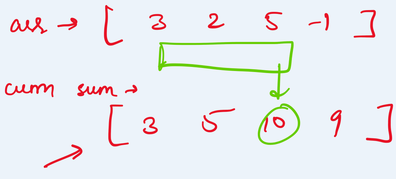
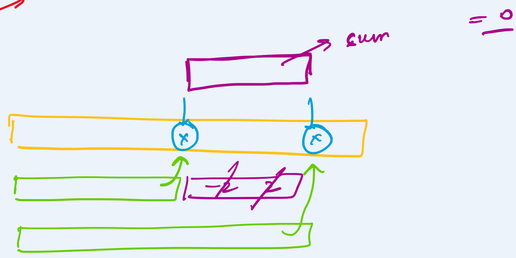
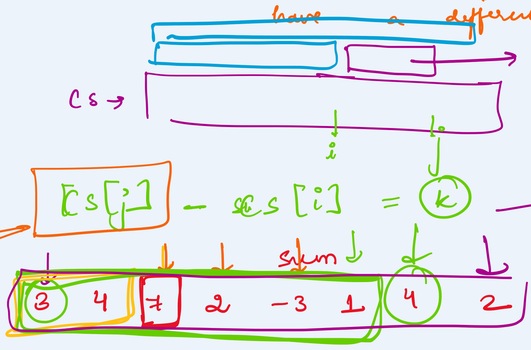




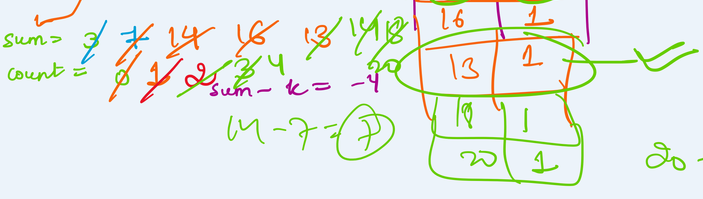


(1) If the curr sum upto two indices is same, then the sum of elements lying between those indices is zero.

(2) If the curr sum of two indices is i & j, have a difference k.



Hashmap
k = 7
< key, Value >
sum occurance of sum



Longest Consecutive sequence

Q → [2, 12, 9, 16, 10, 5, 3, 20, 25, 11, 1, 8, 6]