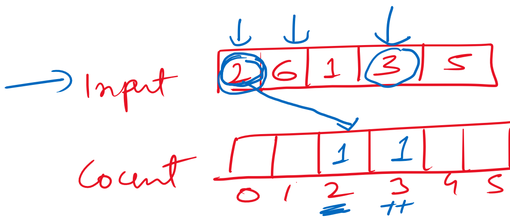
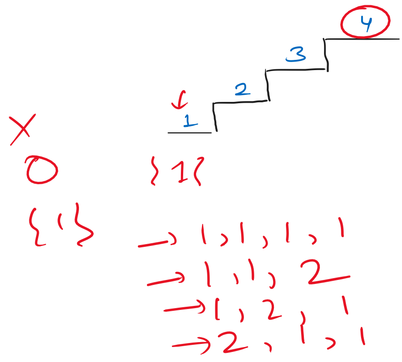
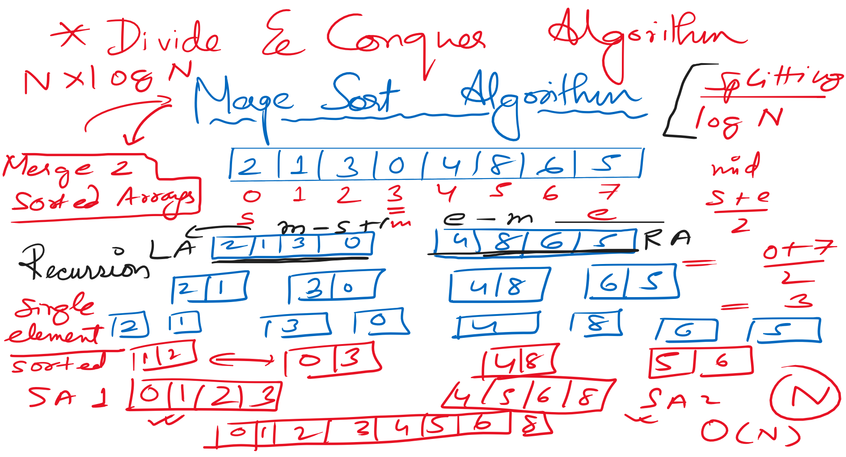




2 previous value 1, 2

countSteps(n) = countSteps(n-1) + countSteps(n-2)



Recursion says: "Give me one solution, I will give you the rest!"

* Merge 2 Sorted Arrays :

Two pointer Approach

a → 1, 3, 5, 7, 9

b → 2, 4, 6 → out of array

a[i] < b[j] i++ | a[i] > b[j]

c

1	2	3	4	5	6	7	9
0	1	2	3	4	5	6	7
K	K	K	K	K	K	K	K