

Hashing - 2

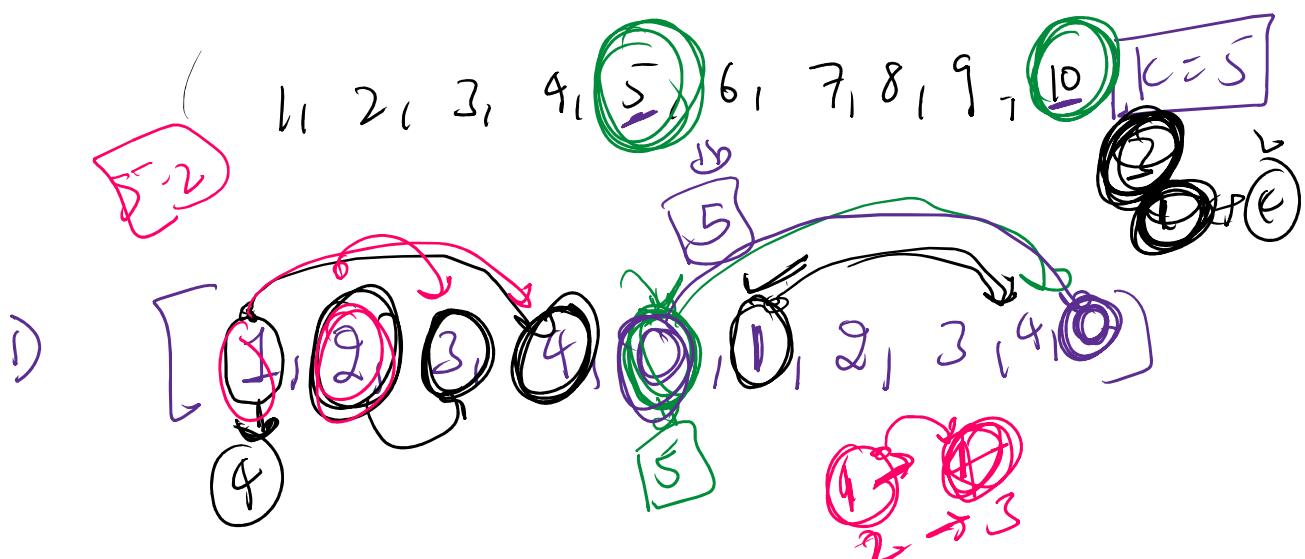
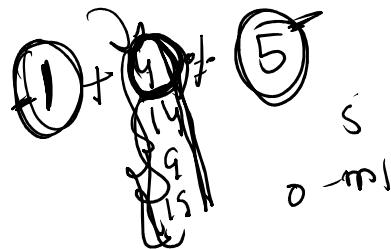
Wednesday, December 3, 2025 9:07 PM

Pair sum divisible by k

$$\frac{(x+y) \% k = 0}{\downarrow}$$

$$(n \% k + j \% k) \% k = 0$$

$$[0-9]$$



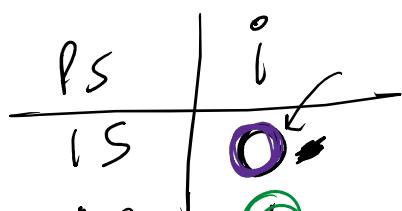
Largest Subarray sum equal to 0

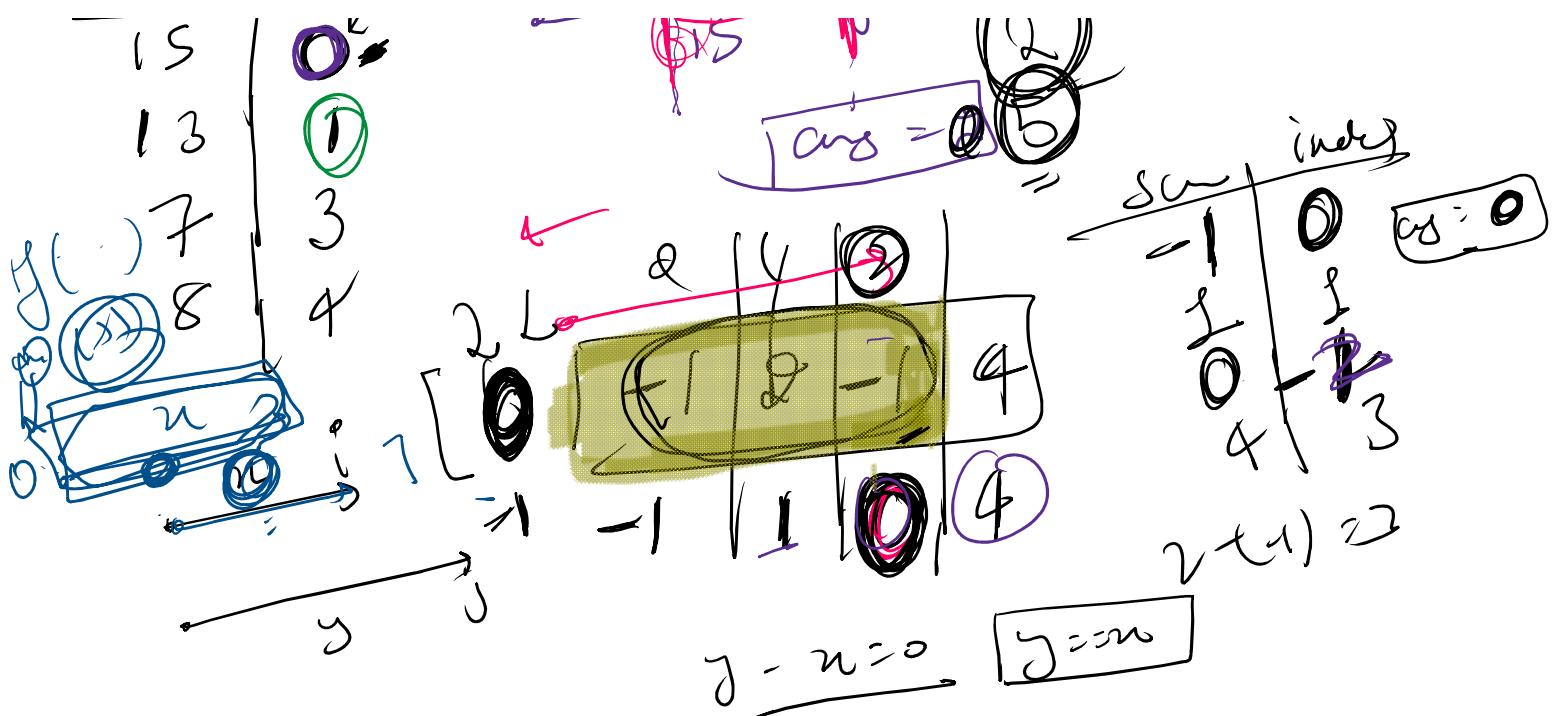
0	1	2	3	4	5	6	7	8
15	-2	2	-8	1	7	10	23	18
0	13	15	7	8	15	25	13	18

$$j-i = 0$$

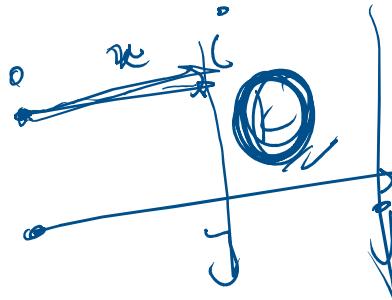
$$2-0 = 2$$

$$15-0 = 15$$





Subarray sum equals K



(3)
3-1

$$\text{ans} = 1 + 2 \rightarrow 3 \rightarrow 3-3 \\ 6 - 3 = 3$$

