Min Domino Rotation for Equal Rows

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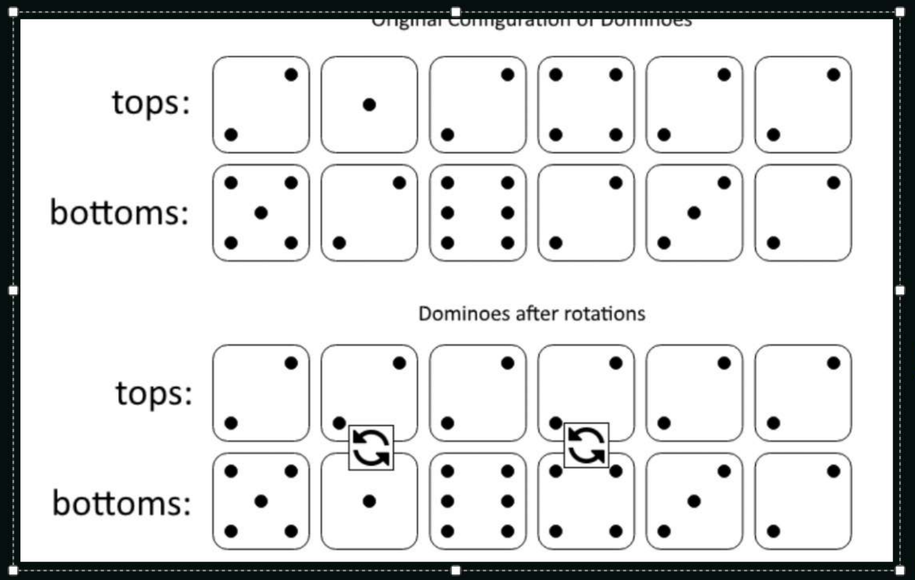

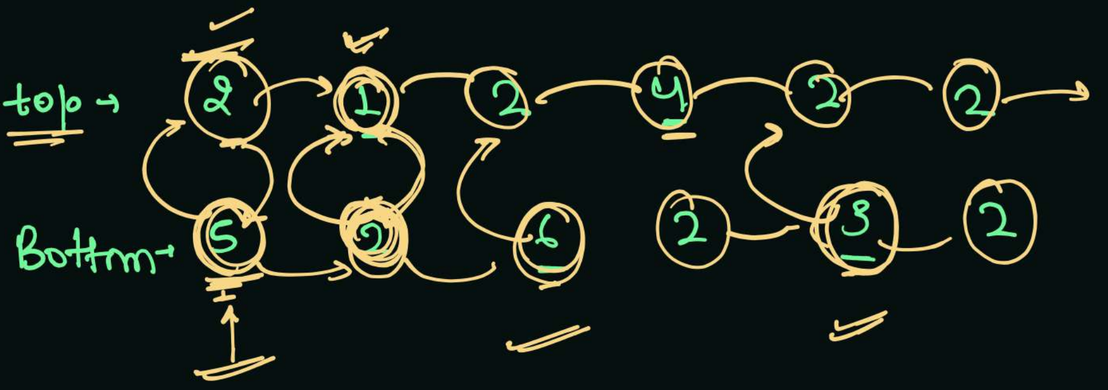

top

No. of Rotations to make top as 2

count1 = ∅ ✗ 2 ⟶

No. of Rotation to make top as 5

count2 = ∅ ✗ ∞

No. of Rotations to make Bottom as 5

count3 = ∅ ∞

No. of Rotation to make Bottom as 2

count4 = ∅ ✗ ✗ 2

Single element

Result →

Min(count1, count2, count3, count4)

∞] return (-1);

Smallest Range K Lists

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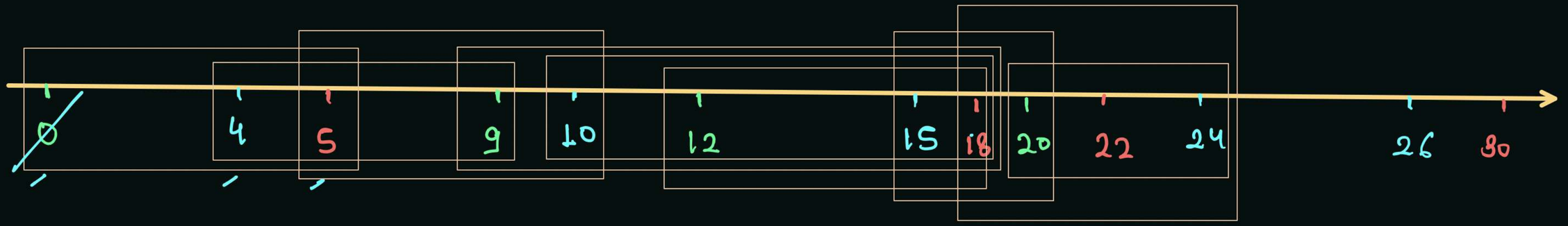
list 1 →	[4,	10,	15,	24,	26
list 2 →	[0,	9,	12,	20]	
list 3 →	[5,	18,	22,	30]	

Smallest Range such that at least one element from all list will cover in that range



Sp - 0	4	5	9	10	12	15	18	20
ep - 5	9	10	18	18	18	20	24	24
length = 6	6	6	10	9	7	6	7	5

Smallest Range

[20 - 24] Result

	0	1	2	3	4
list1 → 0	[4,	10,	15,	~~24~~,	26
list2 → 1	[0,	9,	12,	~~20~~]	
list3 → 2	[5,	18,	~~22~~,	30]	

break

max = ~~5~~ ~~9~~ ~~10~~ ~~18~~ ~~20~~ 24

sp = ~~0~~ ~~0~~ 20

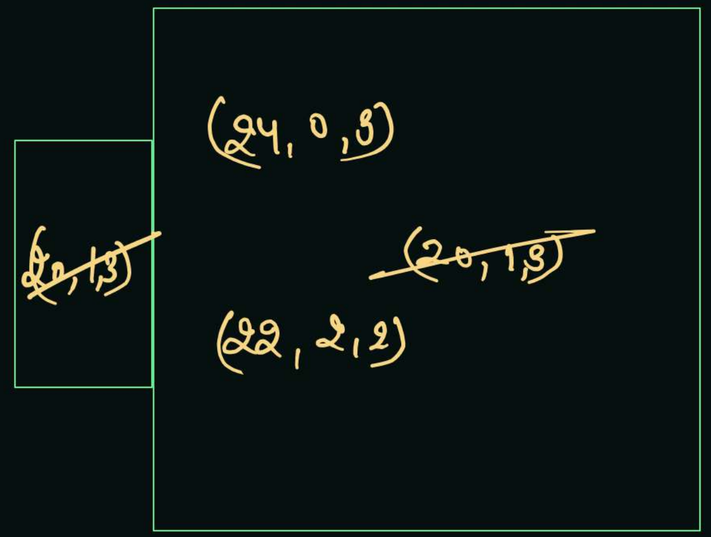
ep = ~~0~~ ~~9~~ 24

length = ~~0~~ ~~5~~ 4

cmin = ~~0~~ ~~4~~ ~~5~~ ~~9~~ ~~10~~ ~~12~~ ~~15~~ ~~18~~ 20

cmax = ~~5~~ ~~9~~ ~~10~~ ~~18~~ ~~20~~ 24

[sp, ep] ⇒ (20, 24)



Minimum Size Subarray Sum

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	0	1	2	3	4	5
9	2,	3,	1,	2,	4,	3

target = 7

sum = 2 5 6 8 6 10 7 9 7 3

left = 2 1

res = ∞ 4 3 2