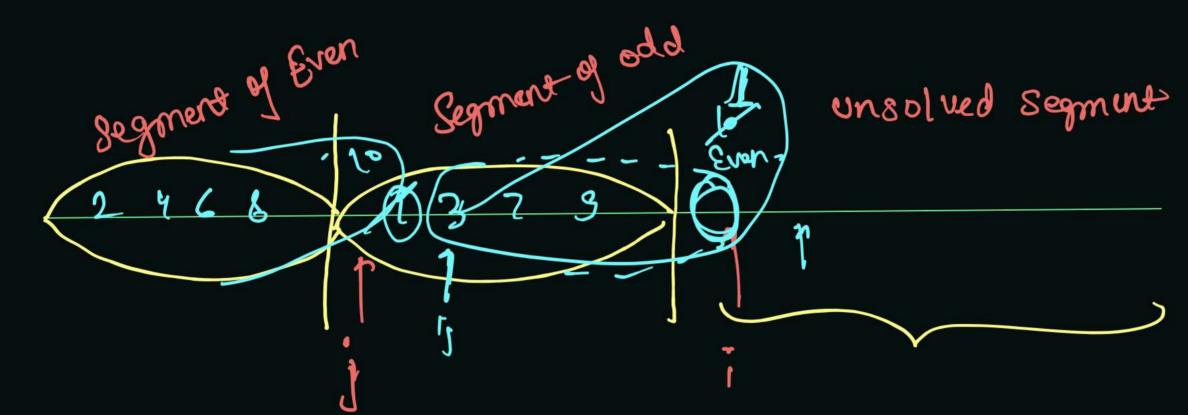


an -

Segregate odd, Even



J- First odd no.

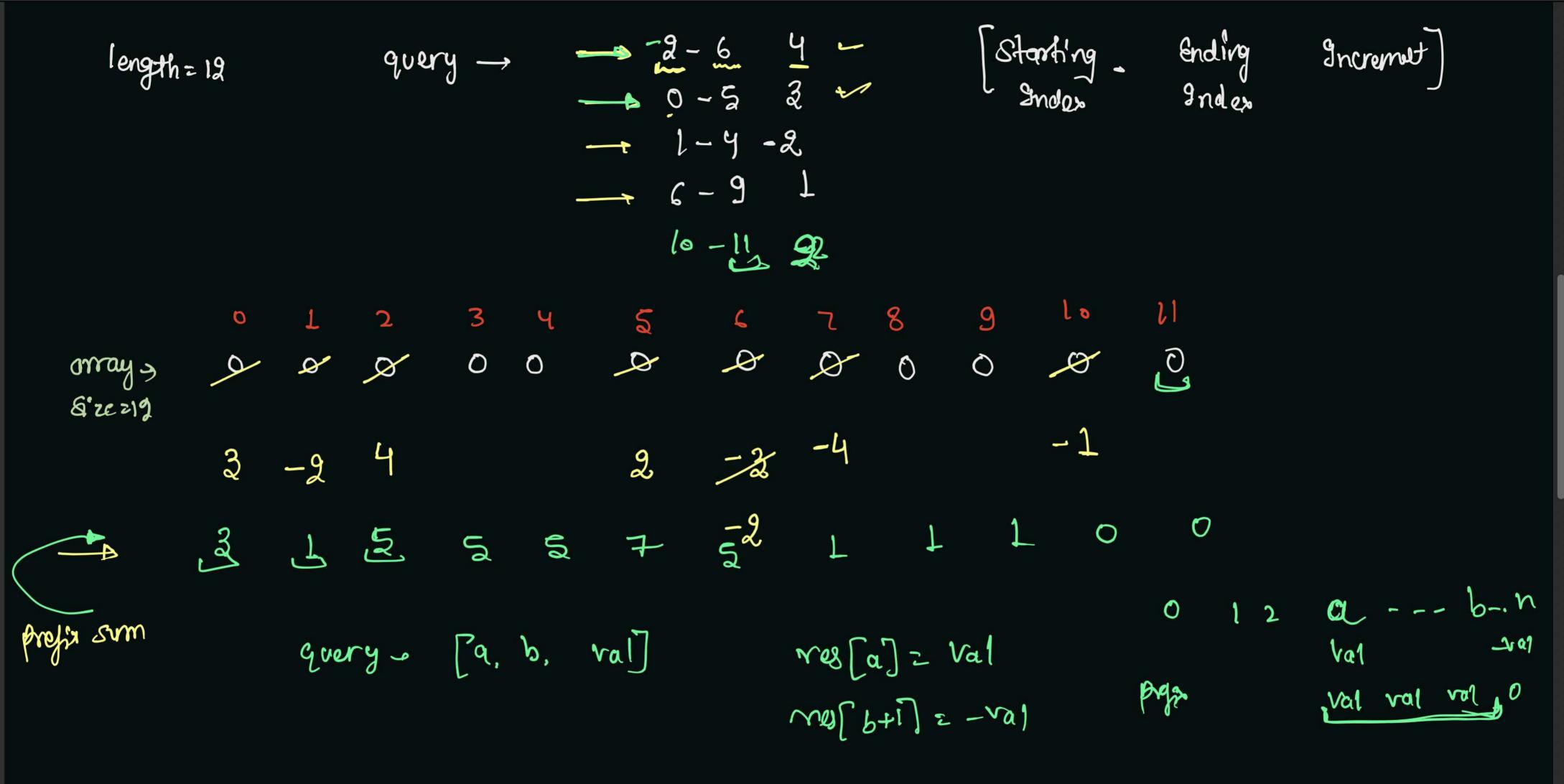
om[i7== oddd

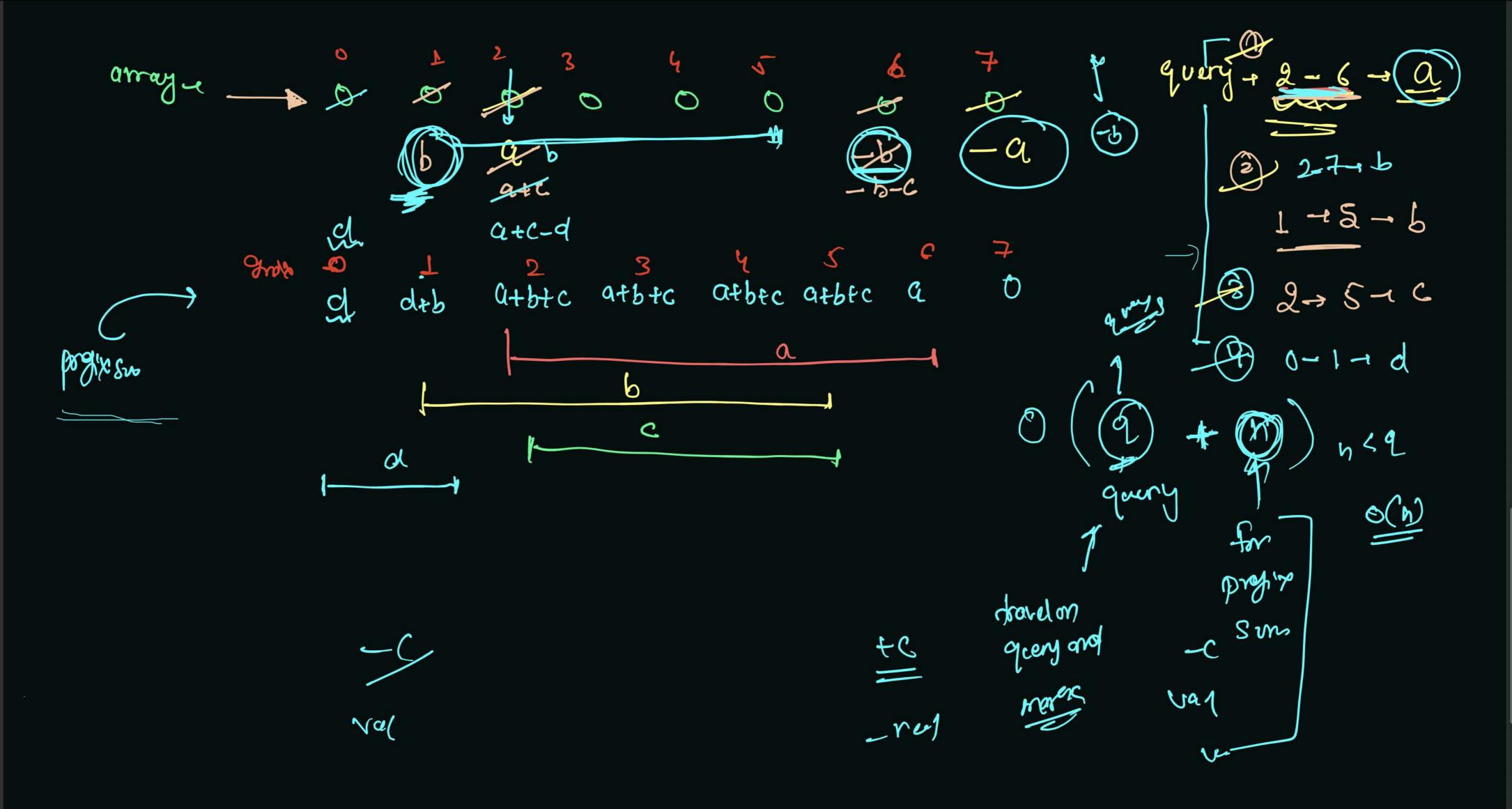
11 Increase segment of odd

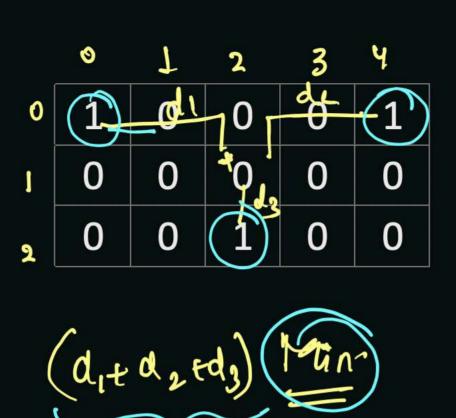
ite,

am(i) = = Even Evalo (am, 1', 1); 1'+ e; f=4.

Range Addition unday, 5 September 2021 11:16 AN	И	length -	ر ک		query-		V	
Brute Free				Range	query is	n 2 - 9	2 -2	
	Hme >	O(qn)			query	Starting_ 9 ndex	Ending Index	9 november
Allowed	_ -	8(n+	(9)				#	initially all Elements
amay -	9	1	2	3	4			omay
querT		2	2	9	3		#	Apply query.
quer 2			5	5	62		±	Return Finall correy-
query (8)	-2	0	3					
may ~	~ 2	Ø	3	La G				







find coordinate of 2 axis - mediamin x3

2, 9 x2, [x3], xs.xs - mediamin x3

nony one.

Some for y -axis - 1

Every coordinate is a house persons initially have P at P1, P2, P3 they are P1-4 (0,0) P2-1 (2,2) P3 - (0,4) Best Meeting point that total trainel of all) persons is min Find délatemer tram best marching diffe of on I to differy y-axis

Find volletance of all pt. From meeting point.



Soften X-oxis coordinates—X [1, 0, 0, 2, 2, 0, 1] Soften where X [1, 0, 0, 2, 2, 0, 1] Y [1, 1, 2, 2] Y [0, 0, 0, 1], 1, 2, 2] Y [0, 0, 0, 1], 1, 2, 2] Y [0, 0, 0, 1], 1, 2, 2]

Extract y-axis coordinate \rightarrow [0,1,4,0,2,2,4] (Amoy) from person (Kardom ander) media = 9.

Best meeting point = (1.2)

minimise distance in x-oxis
and in y-axis, cushy menin

clistance blue two point using

P - m.p =

P2 m.p=

Mannhattan Distance blu two points

DP,-P2 = |P2.x-P1.x|+ |P2.y-P1.y|

distance b/o Person; and meeting point (M.P) [m.P.z- P;-x] + [m.p.y- P;-4]

11-01+12-0) = 3 -Pi-Mip = P2 - M.P = 11-0/4/2-11=2-11-01 + 12-41= 3 P3 - 19. = 11-11+ 2-01 = 2 14-17.P- = 1-1/+ 12-2/= 0 Ps - m.p = 11-21 + 12-21 = 1

11-21 + 12-41 = 3

Person B -> (1,2) Person Pi - (0,0) Person B -> (0,1) Person P6 - (2,2) Person 13-1 (0,4) Person P7 - (2,4) Person Py - (1,0)

meeting point = (1,2)

8 m= (14) /m

hlhy mediam a point from which sun of distance is min case-II [case-II] niddle point in meeting polit

2. 1 distagla + glb + d-C+ e-C dist= d+e-(a+b) Smallest moving to word Right axis-line and sim of distance decreosing, ed distance from axis = a+b+c+d+e move point of meeting toward night Corpe-I -> clist= a-x + b-x + c-x + d-x + e-x = (atbtctdfe) - 5x CoveII - Extreme right, dist= x + e-d+x + e-c+x + e-b+x + e-a+x

n-cond \$ [0 0 0. 0 1 1. 2 3 3. 3 4 4.4]

median: 3

all coordinates of x-axis in Sosted order row wise traversal. if (am[v][c] ==1) I - add in list/array-

I Meeting point

clientance of Every persion For teris paint

madian = 2 y-asrahade. - column wise traversal g-cordin [0 0 1, 1 2 3 [3] 4, 4. 5 (, [, 1]

