

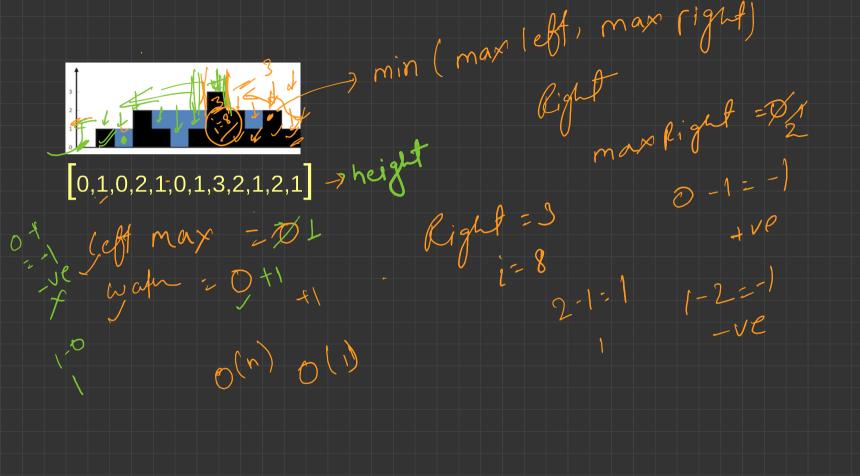
nt = min (Leffmax, Right max)

vector (in) height left max [n], right max [n]; ngh leftmar Eo]:0  $\sim$ o(n) ( for ( i=1; i(n; i++) (cfimas [i] = max(leftmax [i-1], height [i-1]); Rightmax [n-1] = 0; 3(n) for (i=n-2;i>=0;i++) { Rightmax [i]: max (Right max [i+1], height[i+1] int water = 0; for (iz0; i2n; i++) min heighte min (left marti), right marti)

int water = 0; min height: min (left man [i], right max [i]);

if (min height - height [i] > = 0)

water t= minheight - height [i]; refun water;



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max left = 0, max right = 0 wafer=0; maxheight = Height [0], index = 0; for (i= 1; i < n; j++) { if (height [i]) max height { marheight = height [i]; index = 1;

// Left for (i=0; icindex; i++) {
; f (leftmax > height [i])
water += leftmax - height (i)
else height [i]; leftmax =

11 Right part for (i=n-1;i) index; i--) {
if (Rightmax) height [i]) { water t= Kight max - heightij else Right max z height [i] Yelun waln;

n-faget **Triplet Sum in Array** r[] = [1, 4, 45, 6, 10, 8], target = 13

[1, 4, 45, 6, 10, 8], target = 13

[1, 4, 45, 6, 10, 8], target = 13

[2, 4, 45, 6, 10, 8], target = 13

[2, 4, 45, 6, 10, 8], target = 13

[3, 4, 45, 6, 10, 8], target = 13

[4, 4, 45, 6, 10, 8], target = 13 arr[] = [1, 4, 45, 6, 10, 8], target = 13  $O(\nu_r)$ for (i=0; i(n-2; i+1) ans= x- arr[i]; > stert = i+1, end=n-1; while (sterr cend) if (arr [sturt) + arr [end] = = ans else Sloot + f refun L; elge if [ arr [s fast ] + arr [end] > ans refun 0 7 Made with Goodnotes















