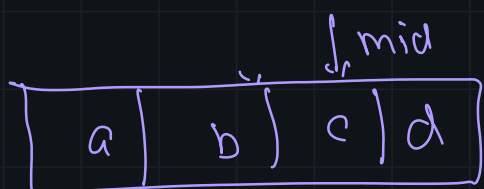


\therefore left sum = -2
 right sum = 3
 cross sum:

$\text{left sum} = \text{arr[mid]}$
 $\text{left max} = \text{arr[mid]}$



We move from mid to all the way to the left.

We add the numbers to the left sum
 $\text{left sum} += \text{arr[mid-1]}$

Compare it with max from

check whether to update it left max
 or not.

② $\text{left sum} = \text{left sum} + b$
 ③

Check it with left max

and update accordingly.