

$\text{maxSubArray}(X, 0, 3)$
with $X = [-3, 9, -4, 7]$

in fact:

Call with array of four elements

$\text{maxSubArray}(-3, 9, -4, 7)$

Call with array of two elements

$\text{maxSubArray}(-3, 9)$

$\text{maxSubArray}(-4, 7)$

and so on ...

$\text{maxSubArray}(-3)$

$\text{maxSubArray}(9)$

$\text{maxSubArray}(-4)$

$\text{maxSubArray}(7)$

$A = -3$

$B = 9$

$A = -4$

$B = 7$

$\text{rmax}(-3), \text{lmax}(9)$

$\text{rmax}(-4), \text{lmax}(7)$

$C1 = -3, C2 = 9$

$C1 = -4, C2 = 7$

$\max(A, B, C1 + C2)$

$\max(A, B, C1 + C2)$

$A = 9$

$B = 7$

$\text{rmax}(-3, 9), \text{lmax}(-4, 7)$

$C1 = 9, C2 = 3$

$\max(A, B, C1 + C2)$

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